

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114974.D
 Acq On : 12 Jun 2019 15:04
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 15:44:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:15:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	277081	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1128950	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	550056	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1069762	20.00	ng	0.00
76) Chrysene-d12	13.79	240	648367	20.00	ng	0.00
87) Perylene-d12	15.19	264	749012	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1348025	81.24	ng	0.00
7) Phenol-d6	6.30	99	1640893	81.98	ng	0.00
23) Nitrobenzene-d5	7.22	82	1525701	81.35	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	477975	81.15	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2684138	82.70	ng	0.00
79) Terphenyl-d14	12.74	244	2586844	75.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	316352	40.729	ng	99
3) Pyridine	2.95	79	856732	39.177	ng	99
4) n-Nitrosodimethylamine	2.90	42	311664	40.143	ng	98
6) Aniline	6.32	93	1093156	40.779	ng	94
8) 2-Chlorophenol	6.44	128	774578	41.166	ng	99
9) Benzaldehyde	6.19	77	469977	41.828	ng	99
10) Phenol	6.31	94	906156	40.462	ng	97
11) bis(2-Chloroethyl)ether	6.39	93	711342	40.923	ng	99
12) 1,3-Dichlorobenzene	6.59	146	896370	40.786	ng	98
13) 1,4-Dichlorobenzene	6.67	146	902447	40.844	ng	98
14) 1,2-Dichlorobenzene	6.82	146	825878	39.702	ng	100
15) Benzyl Alcohol	6.80	79	602789	40.193	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	960587	41.290	ng	98
17) 2-Methylphenol	6.92	107	649832	41.406	ng	99
18) Hexachloroethane	7.16	117	327363	41.026	ng	98
19) n-Nitroso-di-n-propylamine	7.08	70	498443	40.985	ng	99
20) 3+4-Methylphenols	7.07	107	741850	39.717	ng	96
22) Acetophenone	7.07	105	1045622	40.915	ng	99
24) Nitrobenzene	7.23	77	798197	41.828	ng	92
25) Isophorone	7.48	82	1427026	40.623	ng	99
26) 2-Nitrophenol	7.55	139	435508	40.944	ng	99
27) 2,4-Dimethylphenol	7.60	122	637485	41.545	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	923450	40.974	ng	100
29) 2,4-Dichlorophenol	7.80	162	669154	41.281	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	770551	41.139	ng	100
31) Naphthalene	7.96	128	2192368	41.044	ng	100
32) Benzoic acid	7.75	122	468468	42.196	ng	99
33) 4-Chloroaniline	8.00	127	1016415	41.223	ng	100
34) Hexachlorobutadiene	8.08	225	428311	41.140	ng	99
35) Caprolactam	8.39	113	222501	41.212	ng	95
36) 4-Chloro-3-methylphenol	8.50	107	672889	41.192	ng	99
37) 2-Methylnaphthalene	8.65	142	1466185	41.154	ng	99
38) 1-Methylnaphthalene	8.75	142	1395923	41.456	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	665699	40.964	ng	100

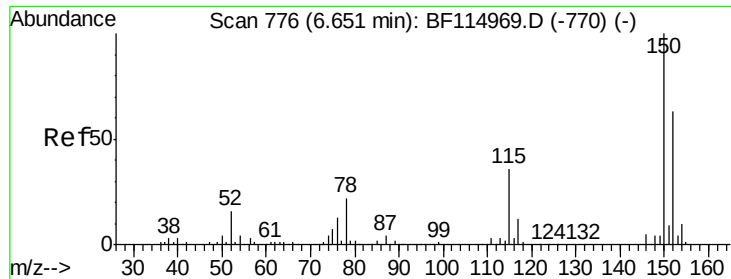
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114974.D
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 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:15:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	325882	40.696	nq	99
43) 2,4,6-Trichlorophenol	8.93	196	506974	41.768	nq	99
44) 2,4,5-Trichlorophenol	8.97	196	512156	41.753	nq	99
46) 1,1'-Biphenyl	9.11	154	1744093	39.568	nq	100
47) 2-Chloronaphthalene	9.13	162	1458011	40.905	nq	100
48) 2-Nitroaniline	9.23	65	435789	41.364	nq	99
49) Acenaphthylene	9.55	152	2163012	39.469	nq	100
50) Dimethylphthalate	9.42	163	1698351	41.056	nq	100
51) 2,6-Dinitrotoluene	9.47	165	393447	41.930	nq	99
52) Acenaphthene	9.72	154	1284481	40.967	nq	99
53) 3-Nitroaniline	9.64	138	472435	41.093	nq	100
54) 2,4-Dinitrophenol	9.75	184	205889	45.236	nq	97
55) Dibenzofuran	9.89	168	1871663	39.608	nq	99
56) 4-Nitrophenol	9.80	139	336454	42.438	nq	99
57) 2,4-Dinitrotoluene	9.87	165	505273	42.306	nq	98
58) Fluorene	10.23	166	1348771	42.282	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.01	232	412558	41.638	nq	99
60) Diethylphthalate	10.11	149	1632670	41.278	nq	99
61) 4-Chlorophenyl-phenylether	10.22	204	668725	42.397	nq	98
62) 4-Nitroaniline	10.25	138	477850	41.339	nq	98
63) Azobenzene	10.38	77	1430620	41.344	nq	99
65) 4,6-Dinitro-2-methylphenol	10.28	198	254869	42.508	nq	97
66) n-Nitrosodiphenylamine	10.34	169	1322700	41.364	nq	100
67) 4-Bromophenyl-phenylether	10.71	248	468734	40.809	nq	99
68) Hexachlorobenzene	10.77	284	522176	41.293	nq	99
69) Atrazine	10.87	200	415619	40.312	nq	99
70) Pentachlorophenol	10.97	266	299319	43.585	nq	99
71) Phenanthrene	11.18	178	2165496	39.206	nq	100
72) Anthracene	11.23	178	2186423	39.239	nq	100
73) Carbazole	11.39	167	1999498	41.112	nq	100
74) Di-n-butylphthalate	11.73	149	2415405	39.394	nq	100
75) Fluoranthene	12.36	202	2220029	39.307	nq	100
77) Benzidine	12.48	184	967607	36.896	nq	99
78) Pyrene	12.59	202	2240106	37.926	nq	99
80) Butylbenzylphthalate	13.22	149	1076063	39.005	nq	100
81) Benzo(a)anthracene	13.77	228	1988864	40.992	nq	100
82) 3,3'-Dichlorobenzidine	13.74	252	770766	41.436	nq	# 97
83) Chrysene	13.82	228	1969451	40.820	nq	100
84) Bis(2-ethylhexyl)phthalate	13.79	149	1285329	39.420	nq	100
85) Di-n-octyl phthalate	14.42	149	2352246	41.893	nq	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1756150	41.437	nq	99
88) Benzo(b)fluoranthene	14.82	252	2029362	40.757	nq	100
89) Benzo(k)fluoranthene	14.82	252	2029362	46.434	nq	99
90) Benzo(a)pyrene	15.14	252	1728462	40.230	nq	98
91) Dibenzo(a,h)anthracene	16.53	278	1415647	38.260	nq	99
92) Benzo(g,h,i)perylene	16.90	276	1405618	37.249	nq	99

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

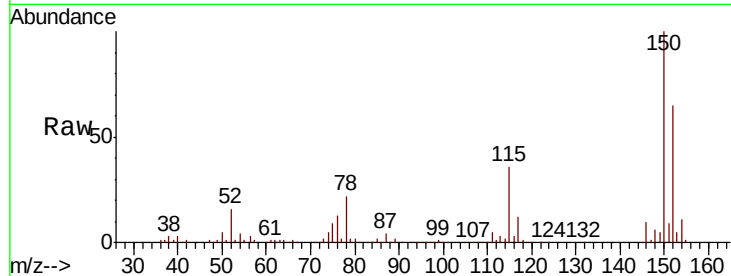


#1

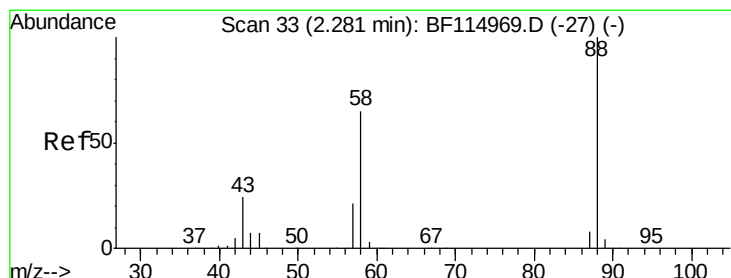
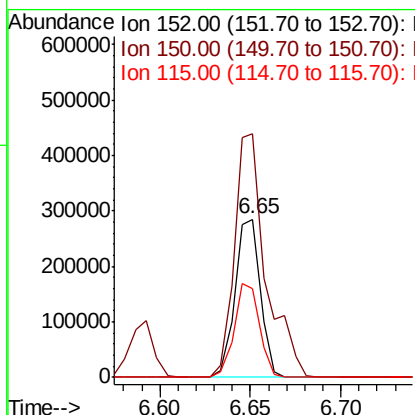
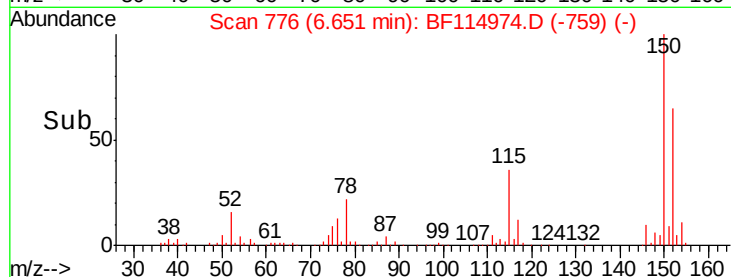
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 277081
Ion Ratio Lower Upper
152 100
150 154.1 127.4 191.0
115 56.2 46.0 69.0



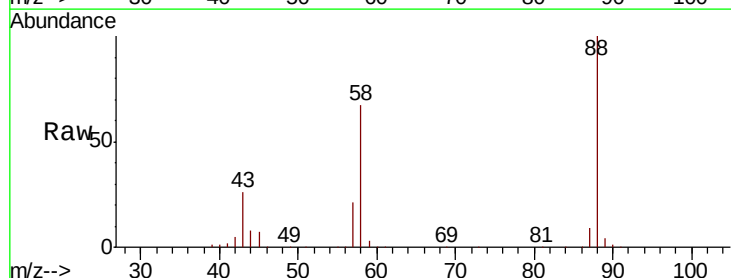
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



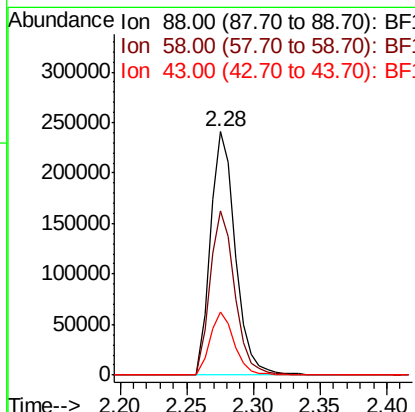
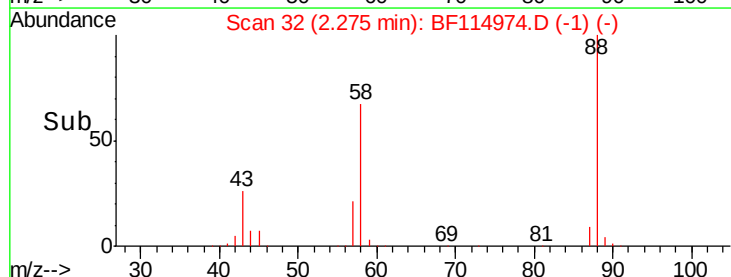
#2

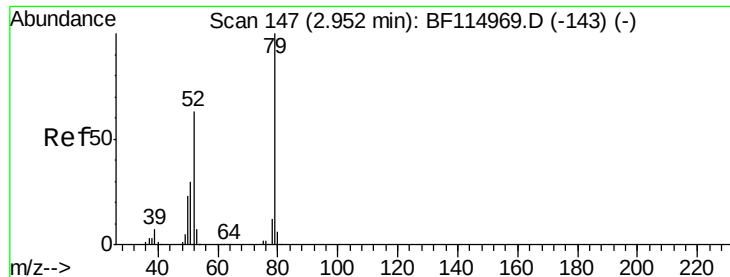
1,4-Dioxane
Concen: 40.729 ng
RT: 2.28 min Scan# 32
Delta R.T. -0.01 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion: 88 Resp: 316352
Ion Ratio Lower Upper
88 100
58 66.8 53.4 80.2
43 25.7 19.7 29.5



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

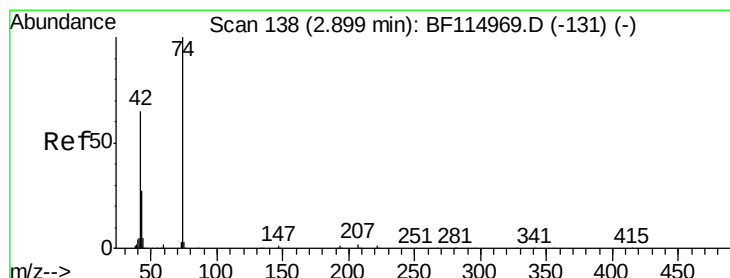
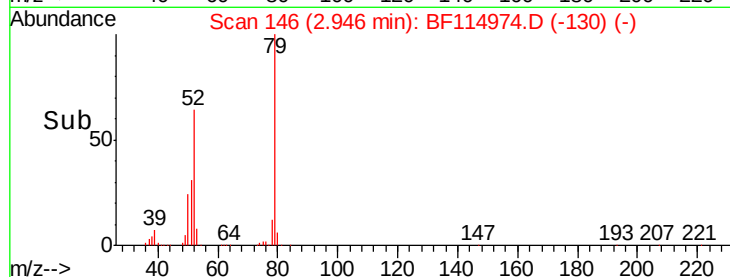
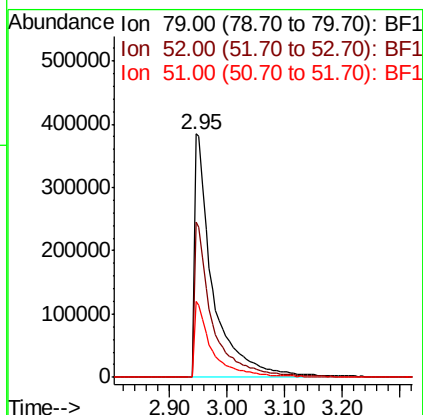
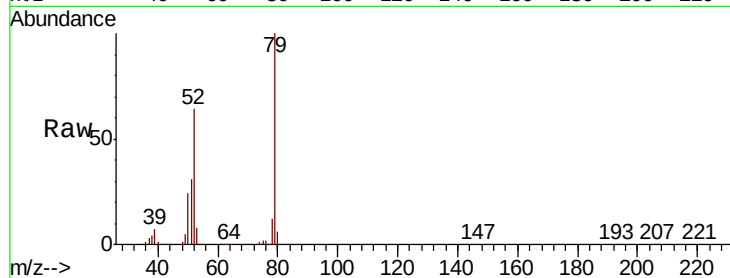




#3
Pvrirdine
Concen: 39.177 ng
RT: 2.95 min Scan# 146
Delta R.T. -0.01 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

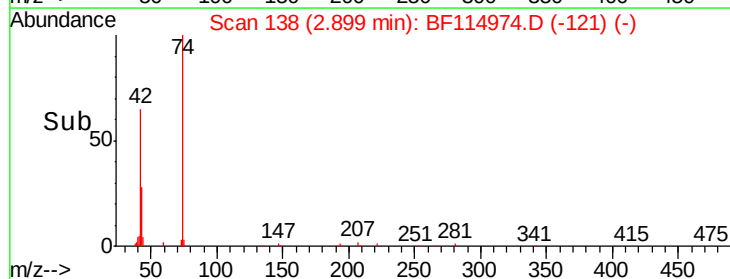
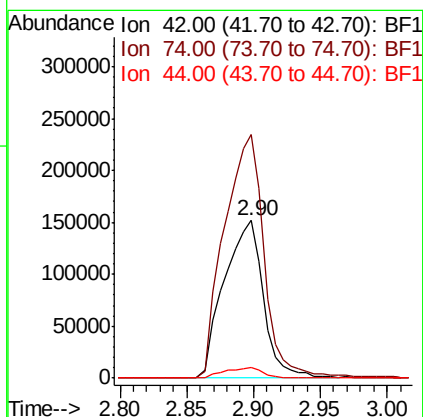
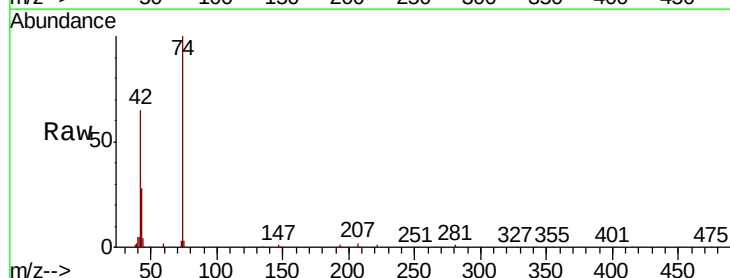
Instrument :
BNA_F
ClientSampleId :

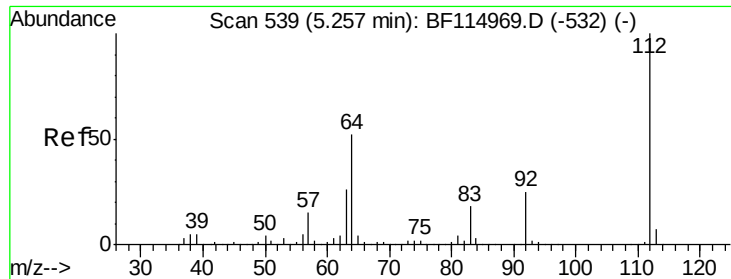
Tot Ion: 79 Resp: 856732
Ion Ratio Lower Upper
79 100
52 63.8 50.3 75.5
51 31.1 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 40.143 ng
RT: 2.90 min Scan# 138
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion: 42 Resp: 311664
Ion Ratio Lower Upper
42 100
74 154.6 122.2 183.2
44 6.4 5.8 8.8





#5

2-Fluorophenol

Concen: 81.237 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

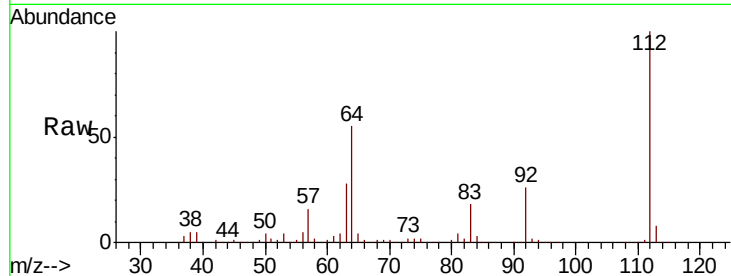
Tot Ion: 112 Resp: 1348025

Ion Ratio Lower Upper

112 100

64 54.6 41.6 62.4

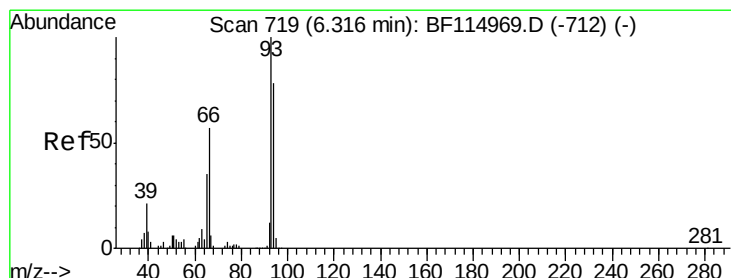
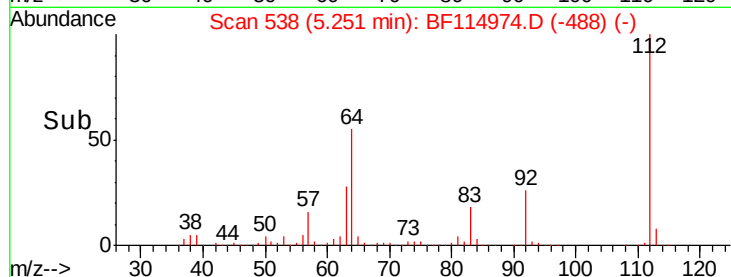
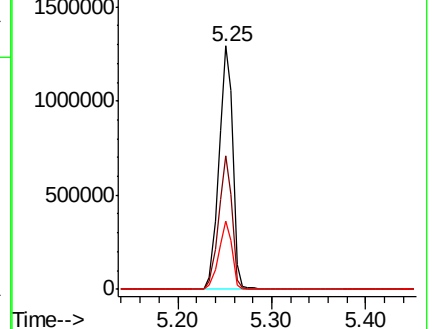
63 28.0 20.9 31.3



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: 40.779 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

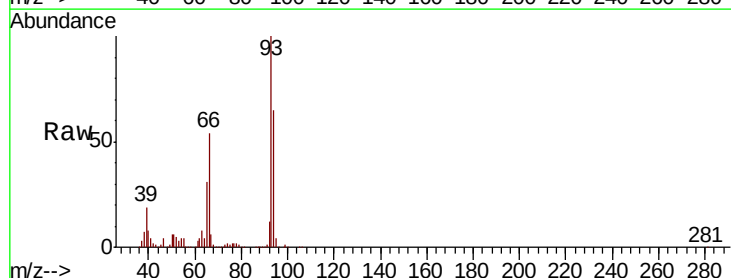
Tgt Ion: 93 Resp: 1093156

Ion Ratio Lower Upper

93 100

66 53.8 46.2 69.2

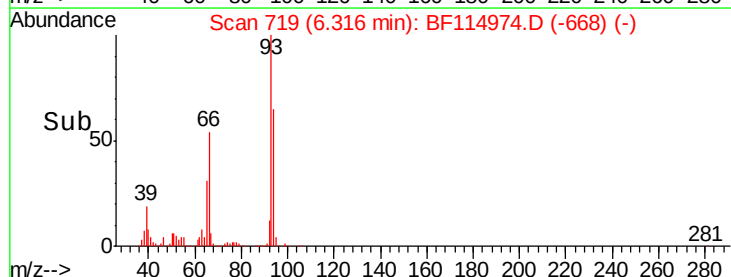
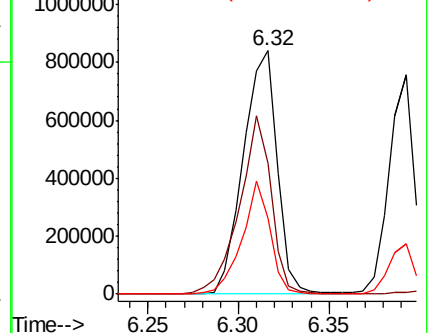
65 31.0 27.7 41.5

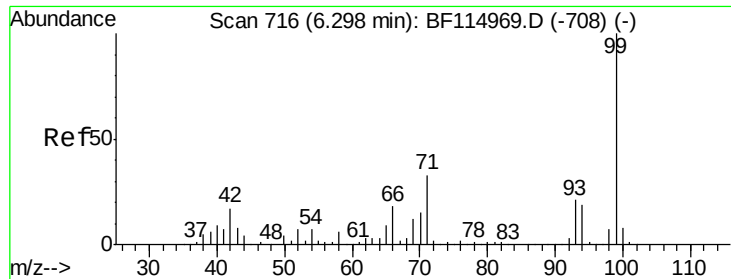


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.976 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

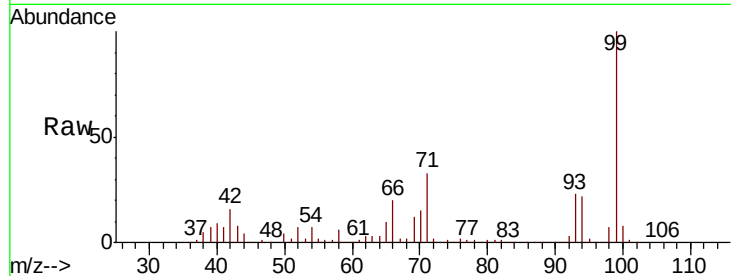
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1640893

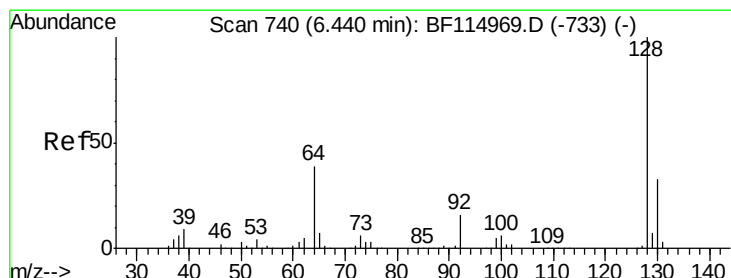
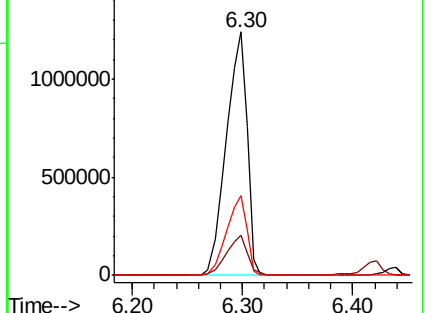
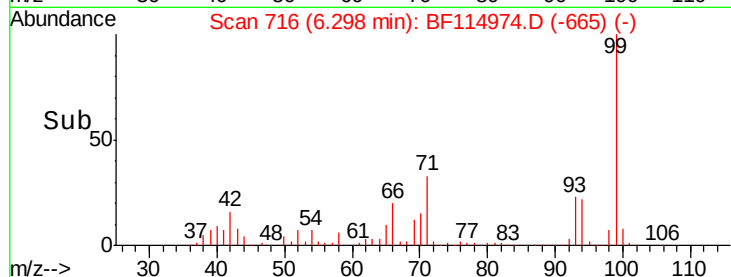
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.2
71	32.6	26.4	39.6



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: 41.166 ng

RT: 6.44 min Scan# 740

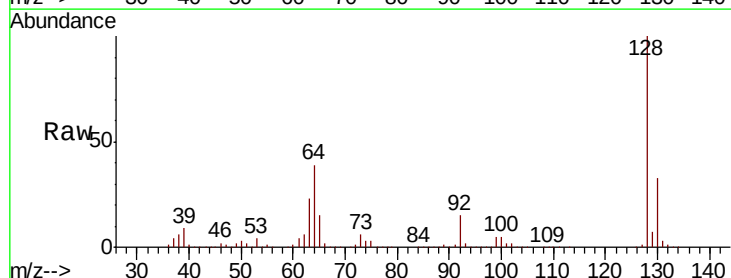
Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion: 128 Resp: 774578

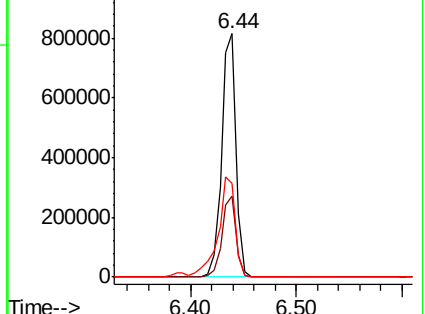
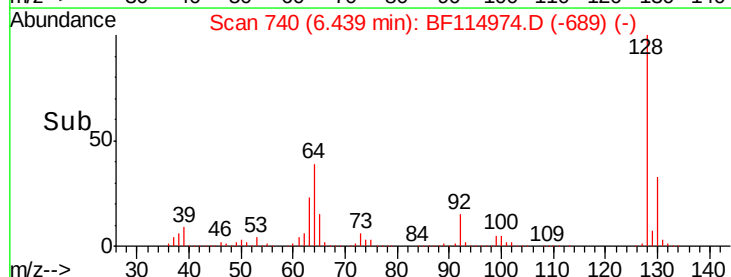
Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.4	53.4
64	38.8	20.1	60.1

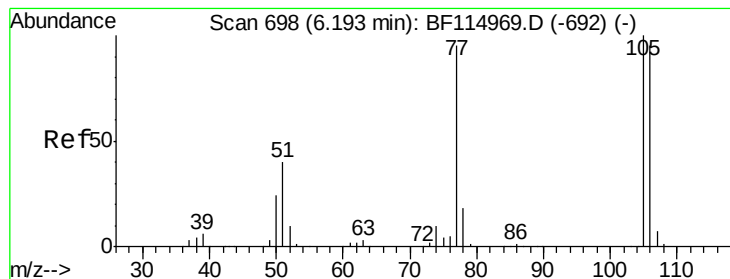


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.828 ng

RT: 6.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

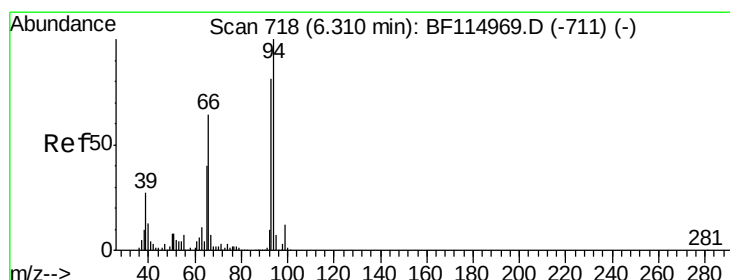
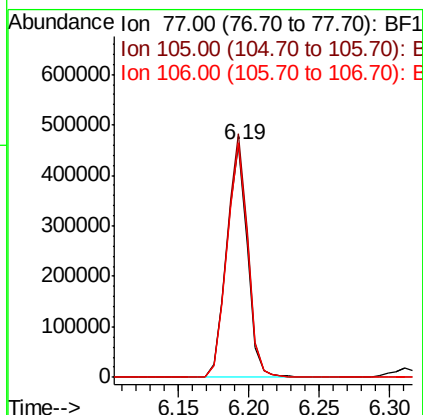
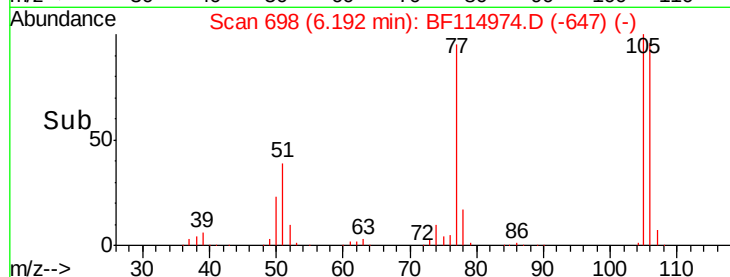
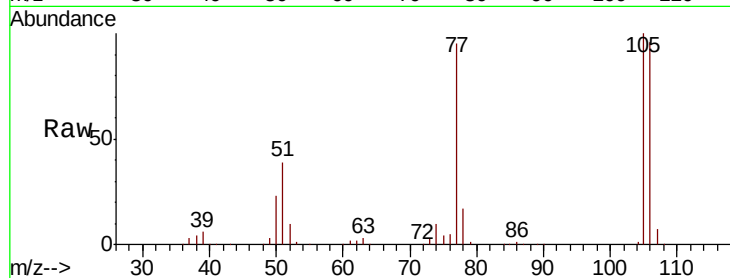
Tot Ion: 77 Resp: 469977

Ion Ratio Lower Upper

77 100

105 104.7 85.1 125.1

106 100.7 80.0 120.0



#10

Phenol

Concen: 40.462 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

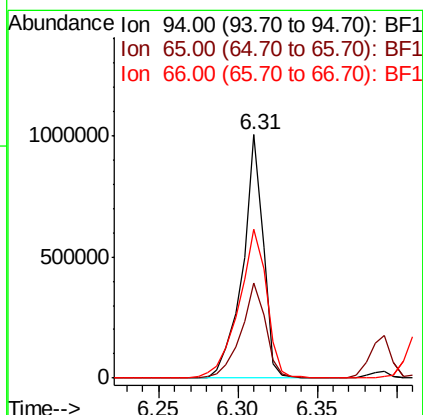
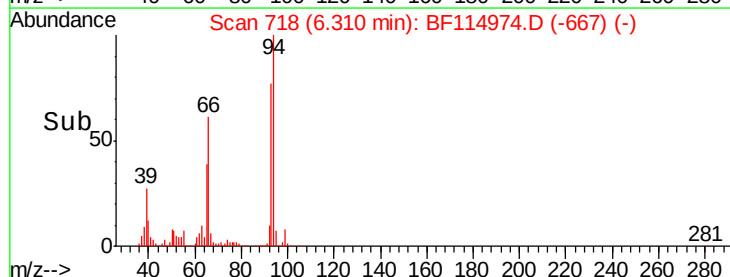
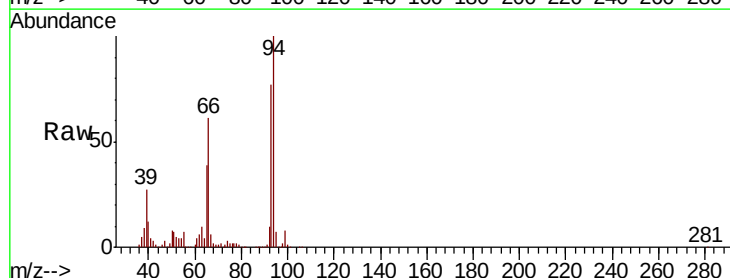
Tgt Ion: 94 Resp: 906156

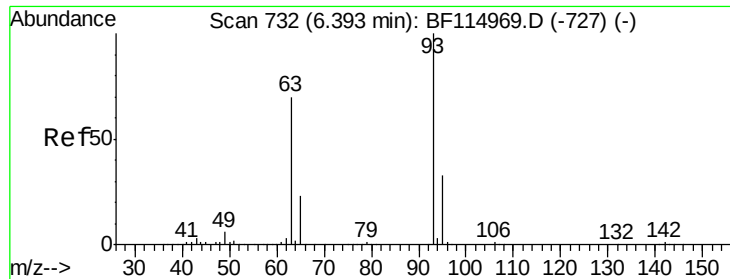
Ion Ratio Lower Upper

94 100

65 38.9 20.0 60.0

66 61.2 44.1 84.1

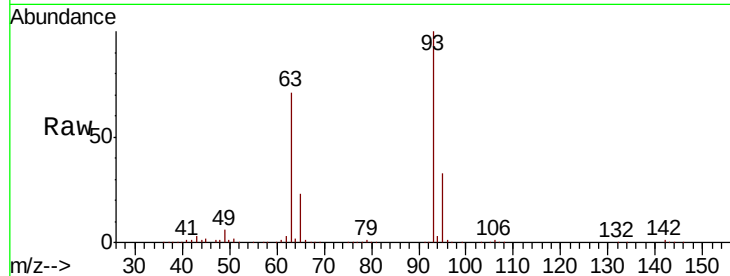




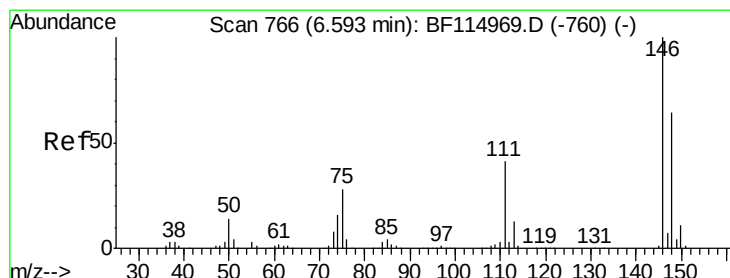
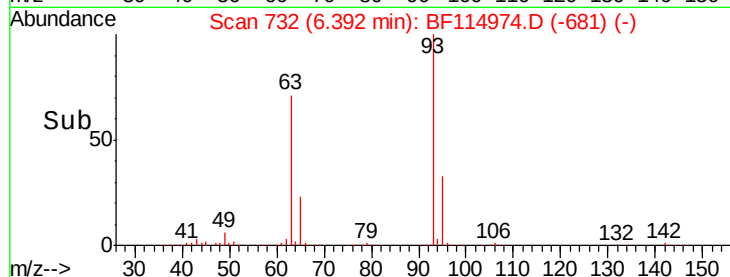
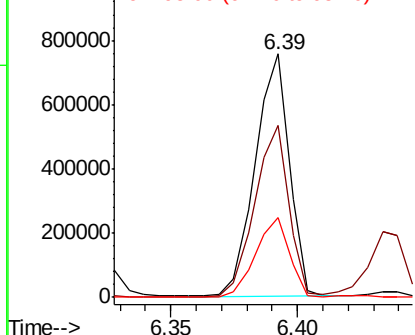
#11
bis(2-Chloroethyl)ether
Concen: 40.923 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 711342
Ion Ratio Lower Upper
93 100
63 70.7 49.8 89.8
95 33.0 13.3 53.3

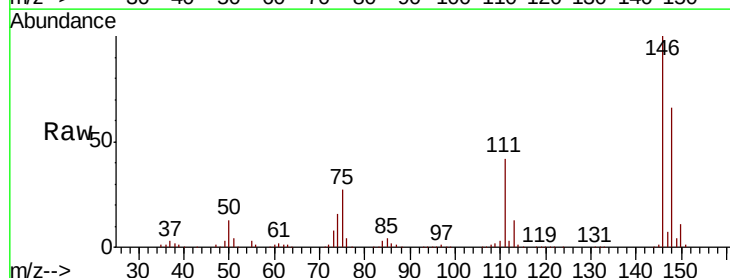


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

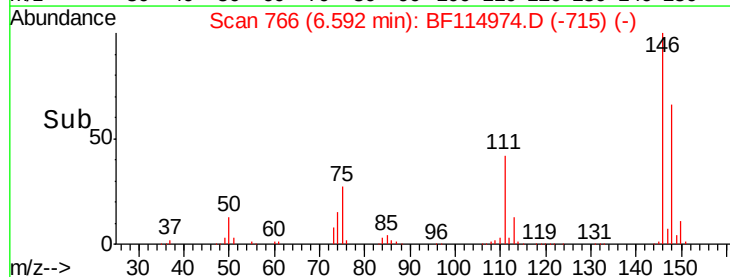
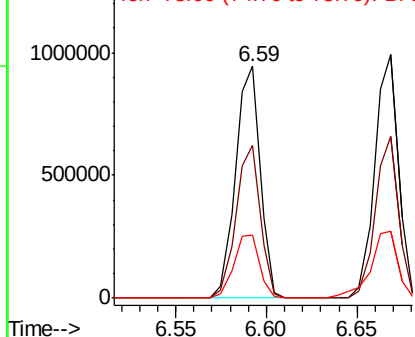


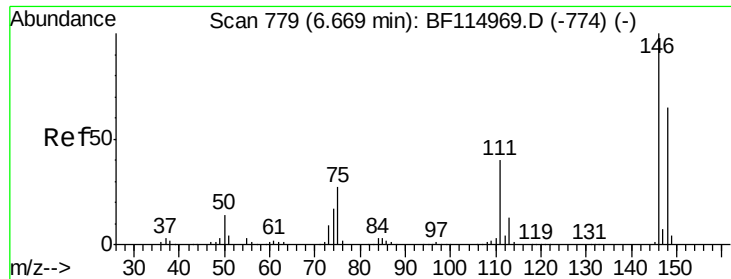
#12
1,3-Dichlorobenzene
Concen: 40.786 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion: 146 Resp: 896370
Ion Ratio Lower Upper
146 100
148 65.7 51.6 77.4
75 27.1 22.3 33.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

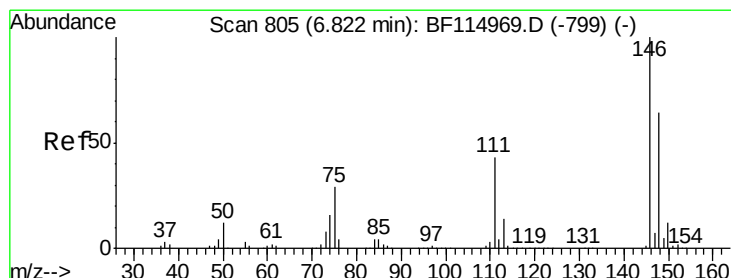
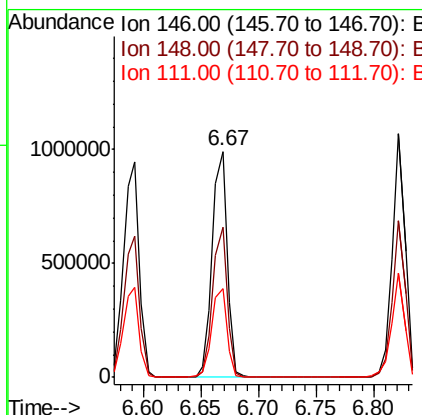
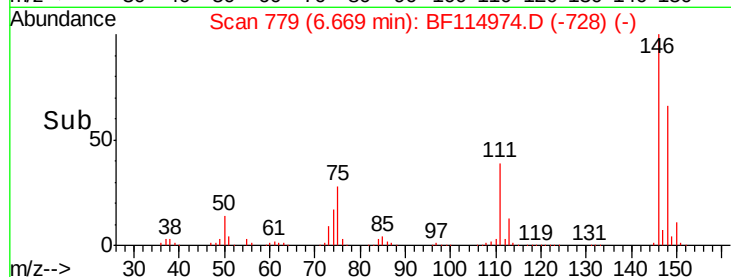
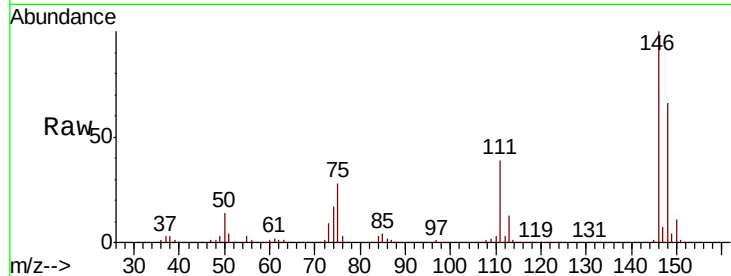




#13
 1,4-Dichlorobenzene
 Concen: 40.844 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

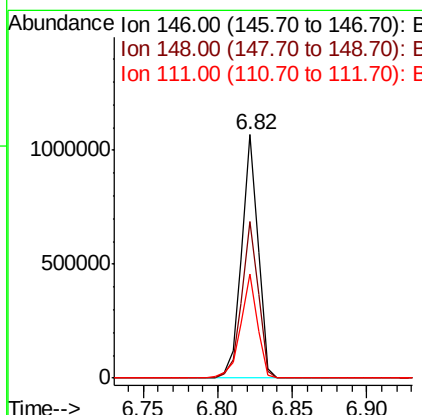
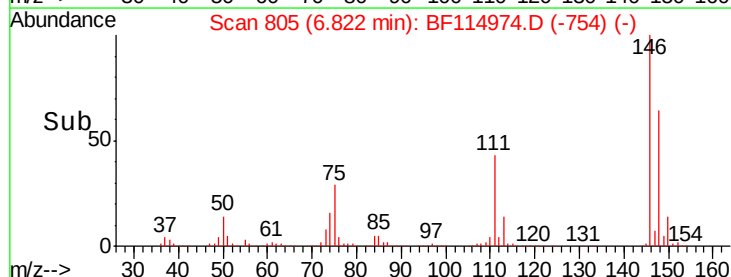
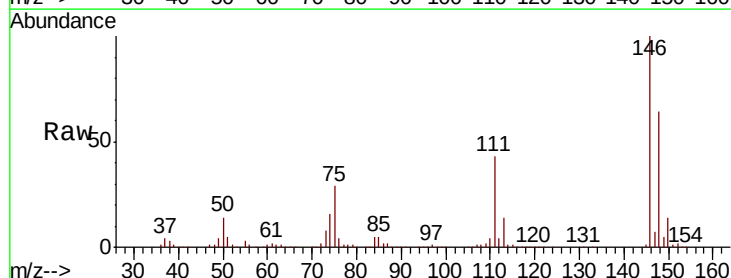
Instrument :
 BNA_F
 ClientSampleId :

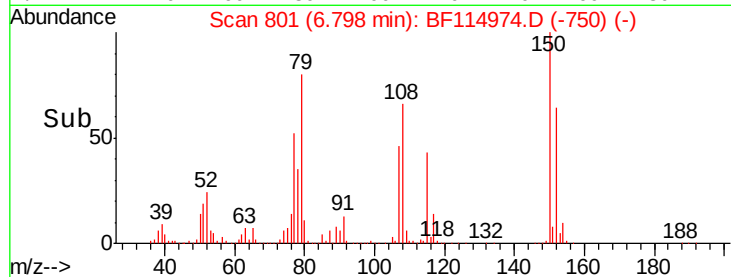
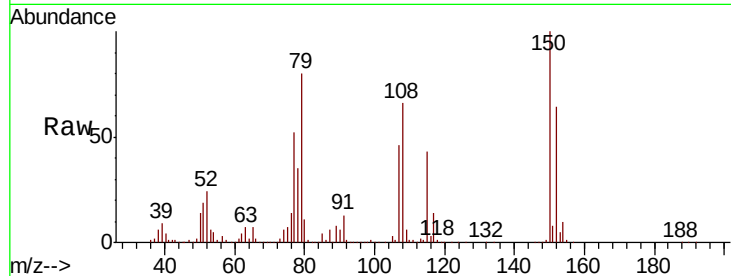
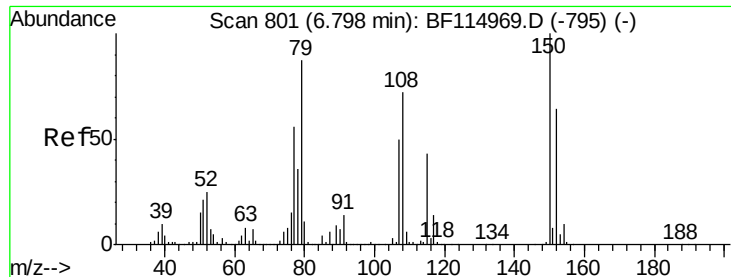
Tot Ion:146 Resp: 902447
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.2 78.2
 111 39.4 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 39.702 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion:146 Resp: 825878
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.5 77.3
 111 42.6 34.6 51.8

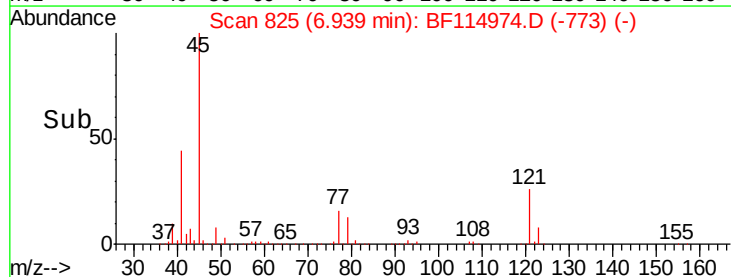
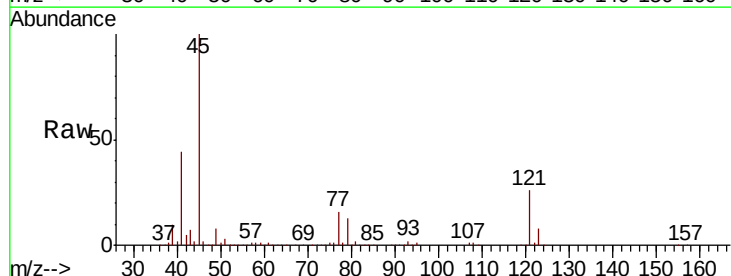
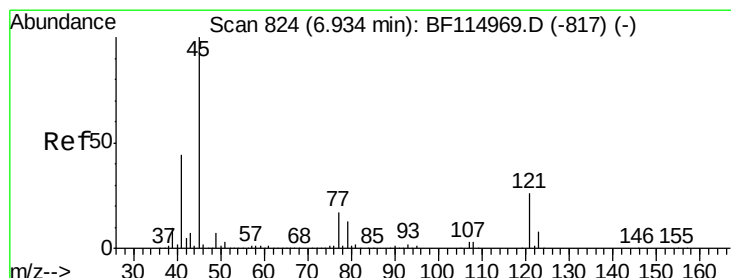
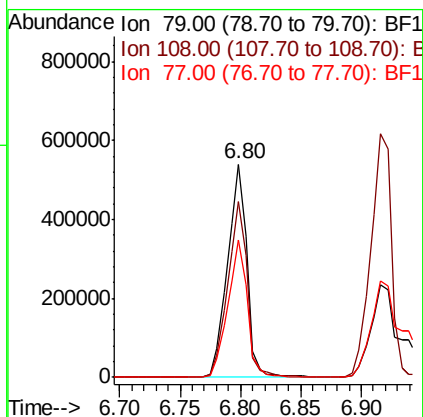




#15
Benzyl Alcohol
Concen: 40.193 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

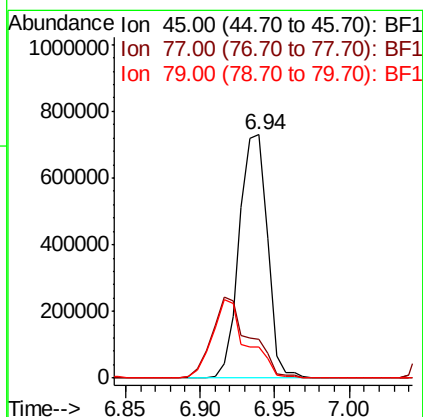
Instrument :
BNA_F
ClientSampleId :

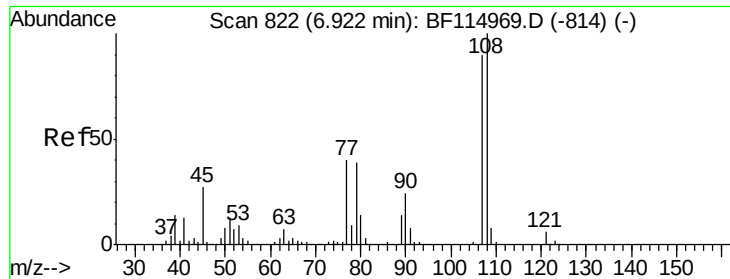
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.4	66.0	99.0
77	64.4	51.1	76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.290 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	37.0
79	12.8	0.0	33.1

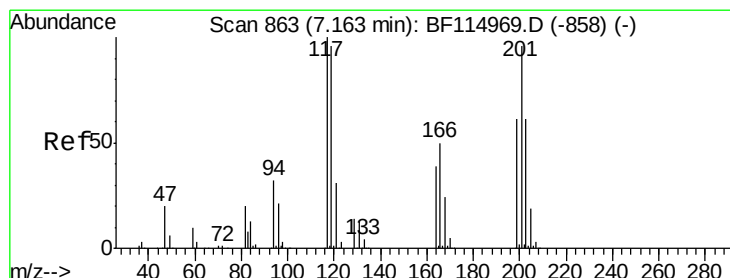
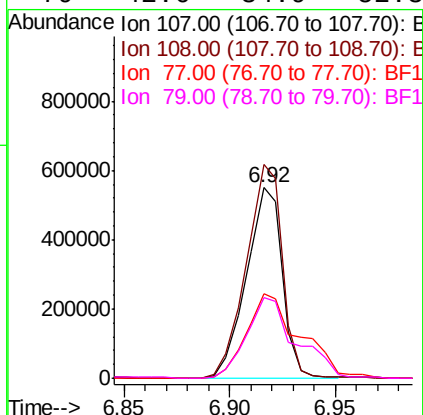
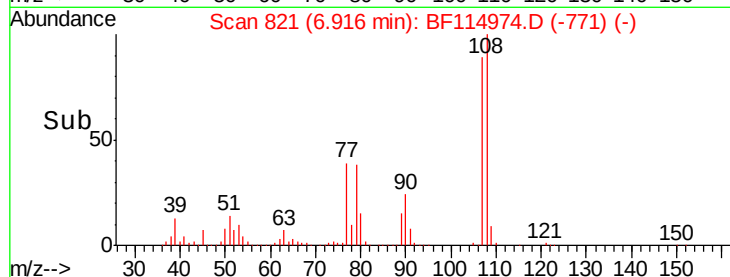
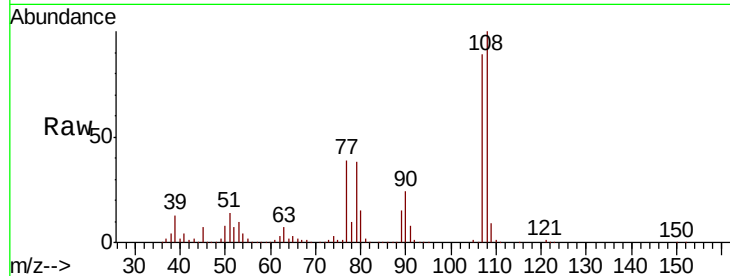




#17
2-Methylphenol
Concen: 41.406 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

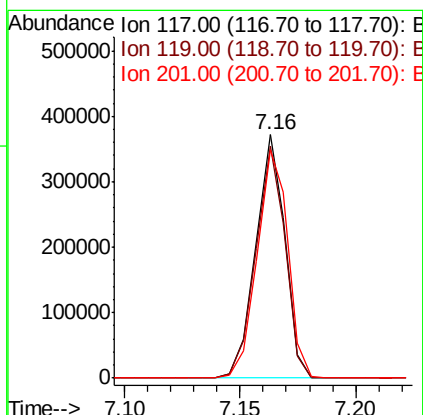
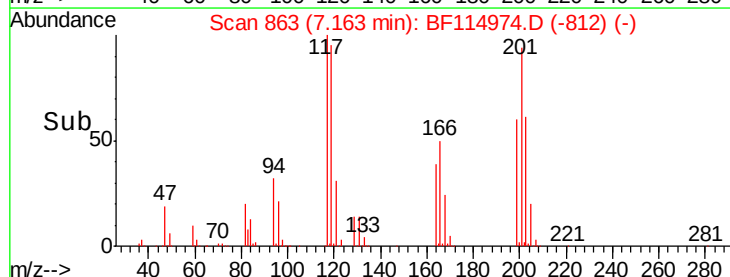
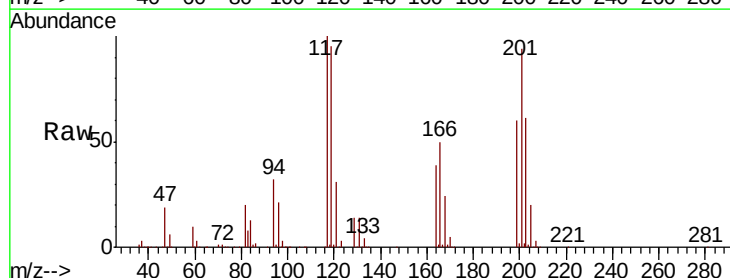
Instrument :
BNA_F
ClientSampleId :

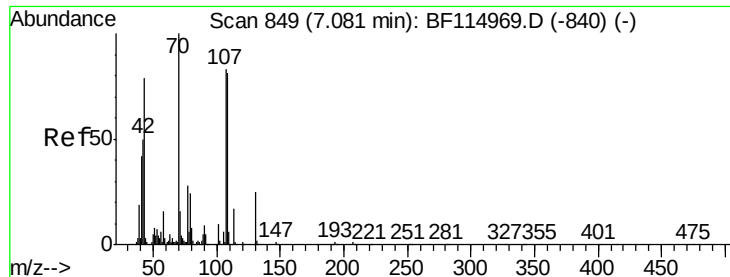
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.3	133.9
77	44.1	35.4	53.2
79	42.6	34.9	52.3



#18
Hexachloroethane
Concen: 41.026 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.4
201	93.6	76.6	115.0

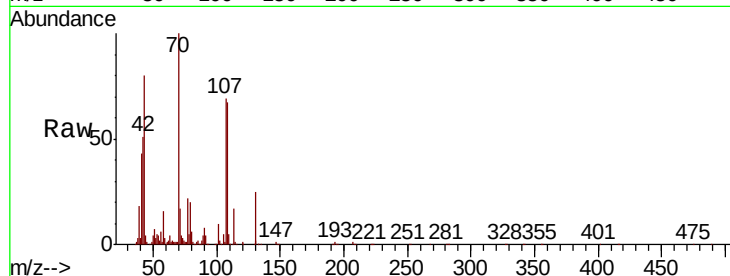




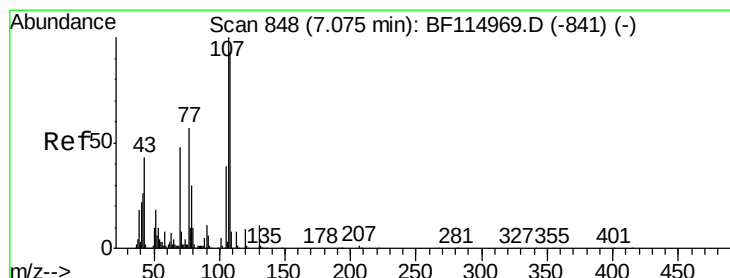
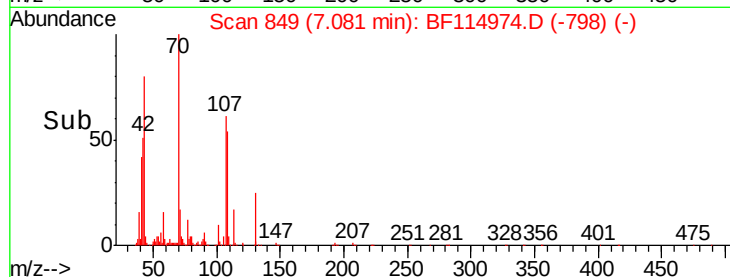
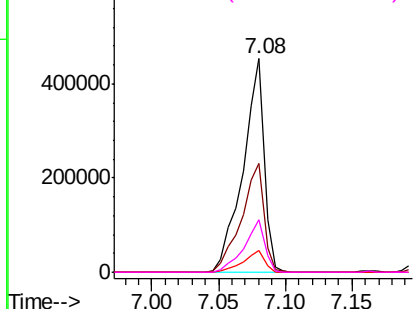
#19
n-Nitroso-di-n-propylamine
Concen: 40.985 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 498443
Ion Ratio Lower Upper
70 100
42 51.2 40.3 60.5
101 10.2 8.2 12.4
130 24.6 20.3 30.5

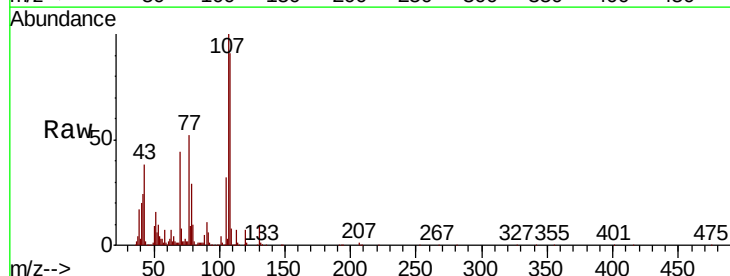


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

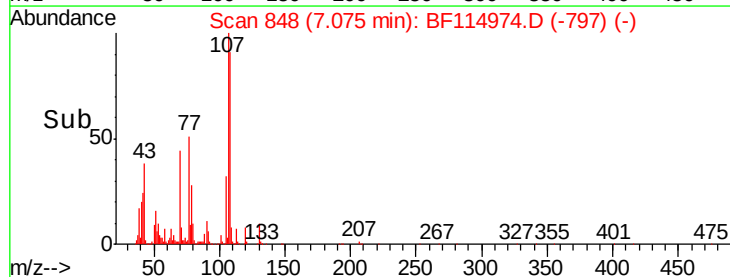
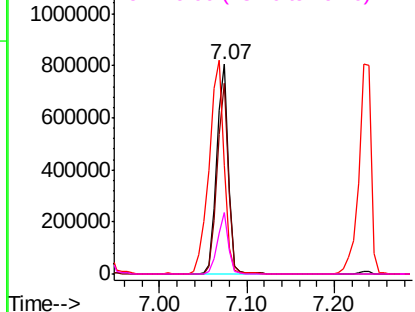


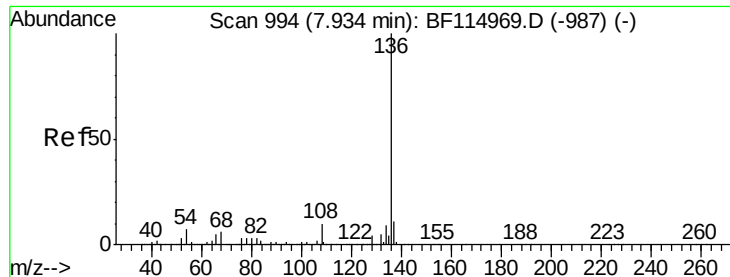
#20
3+4-Methylphenols
Concen: 39.717 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion:107 Resp: 741850
Ion Ratio Lower Upper
107 100
108 90.9 73.1 113.1
77 51.7 37.3 77.3
79 29.3 9.6 49.6



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

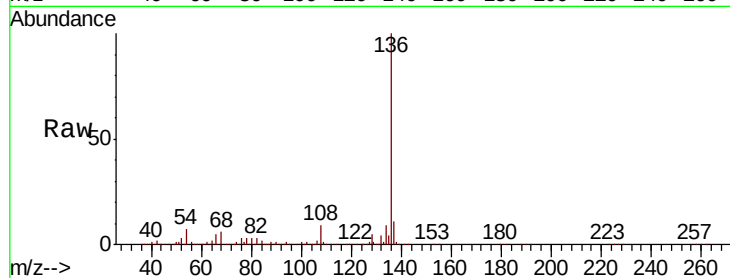




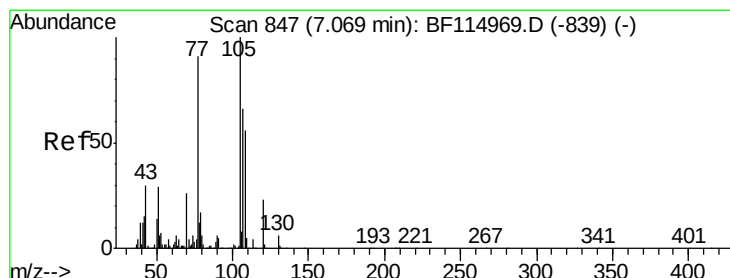
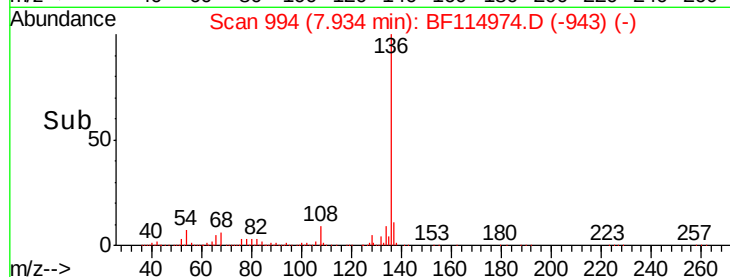
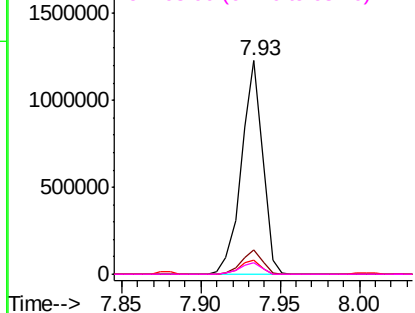
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1128950
Ion Ratio	Lower Upper
136 100	
137 11.4	9.0 13.4
54 6.6	5.4 8.0
68 5.6	4.6 7.0

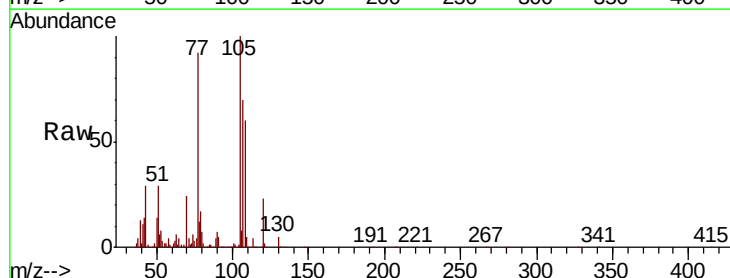


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

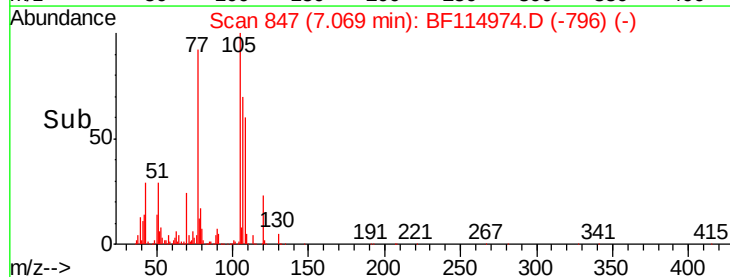
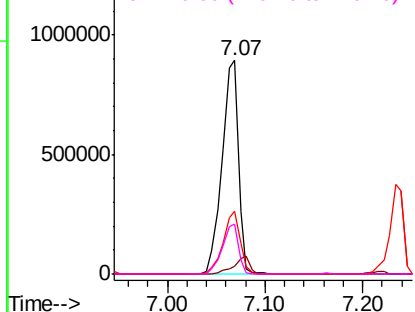


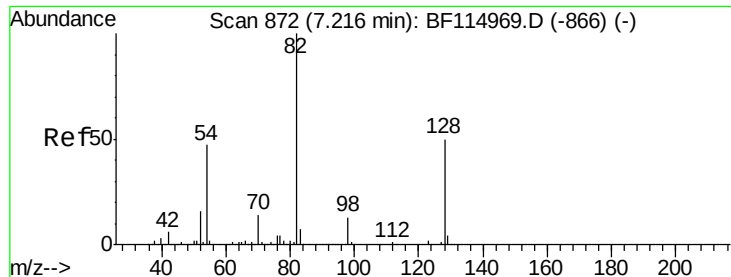
#22
Acetophenone
Concen: 40.915 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt	Ion:105	Resp:	1045622
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.4	5.2
51	29.3	23.3	34.9
120	23.1	18.8	28.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

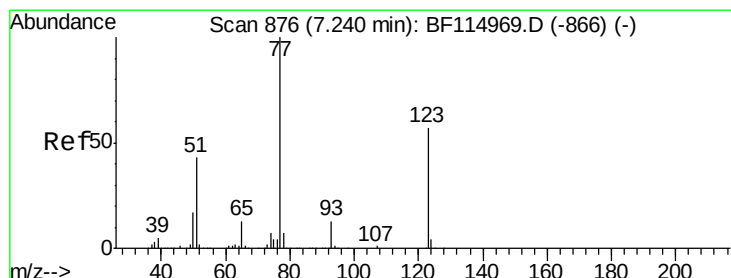
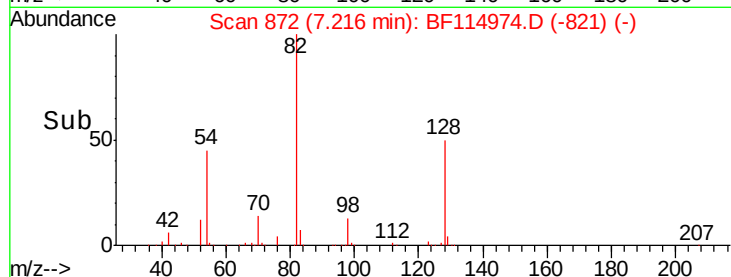
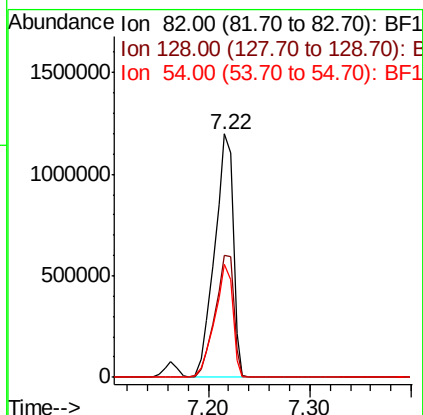
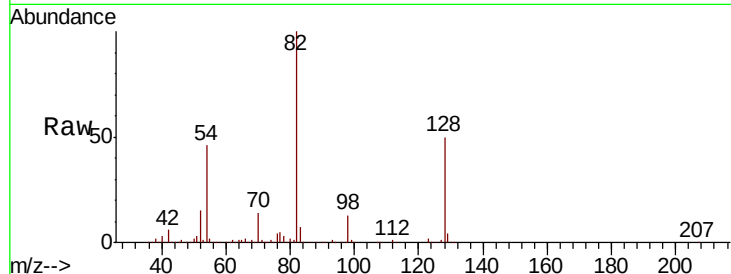




#23
 Nitrobenzene-d5
 Concen: 81.346 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

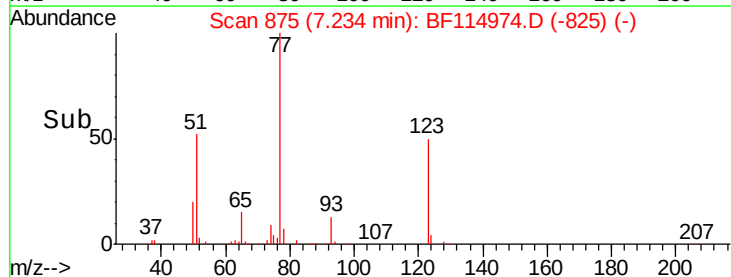
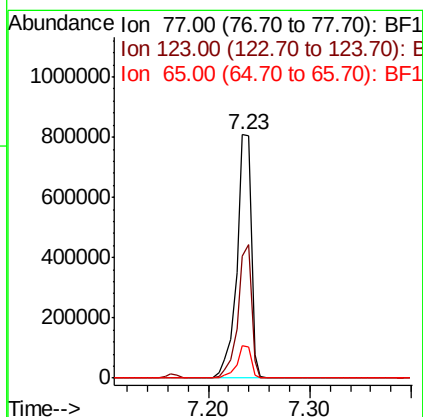
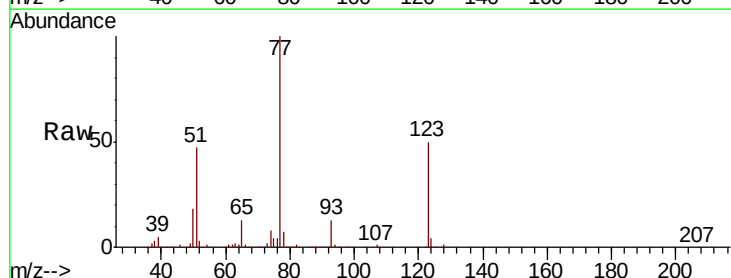
Instrument :
 BNA_F
 ClientSampleId :

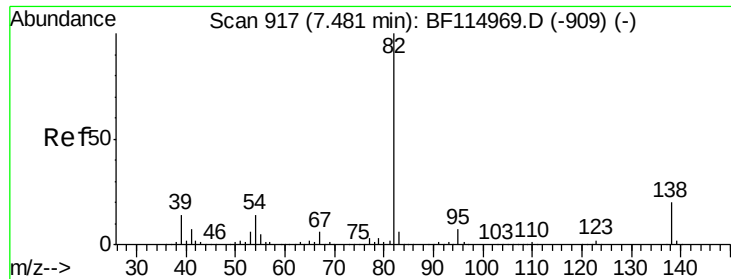
Tot Ion: 82 Resp: 1525701
 Ion Ratio Lower Upper
 82 100
 128 50.2 39.9 59.9
 54 46.4 37.3 55.9



#24
 Nitrobenzene
 Concen: 41.828 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion: 77 Resp: 798197
 Ion Ratio Lower Upper
 77 100
 123 50.1 45.5 68.3
 65 13.3 10.3 15.5

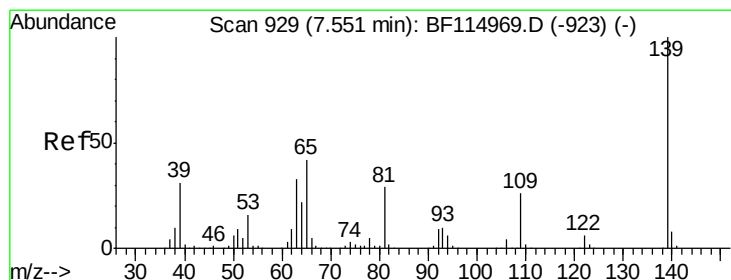
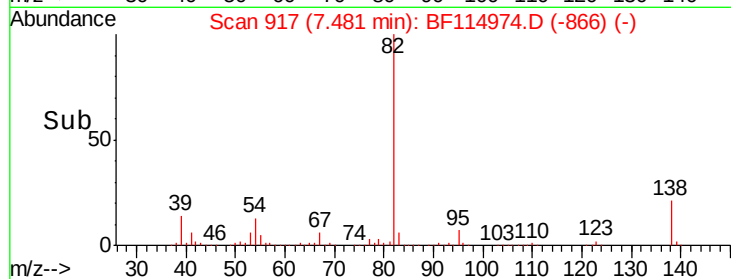
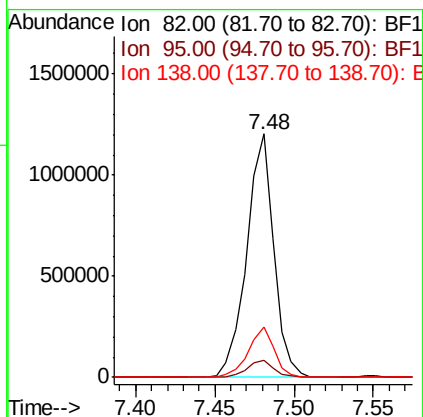
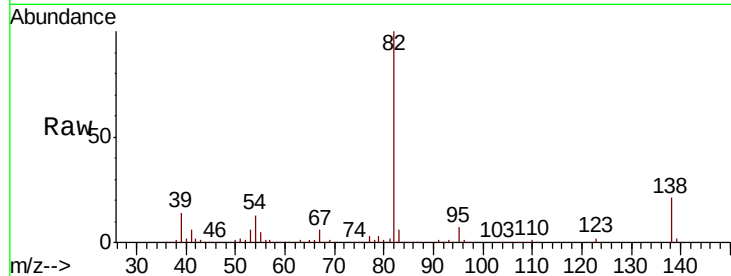




#25
Isophorone
Concen: 40.623 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

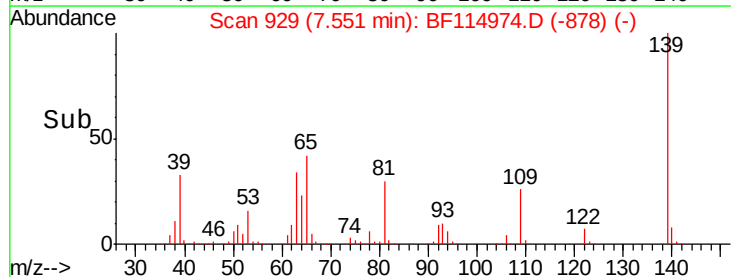
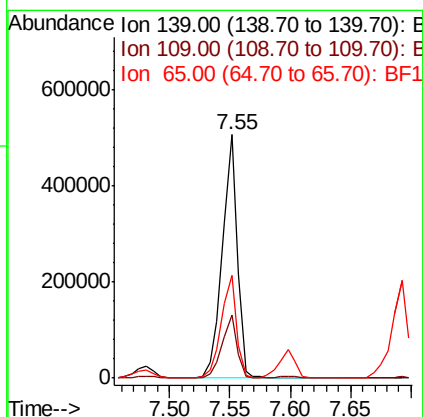
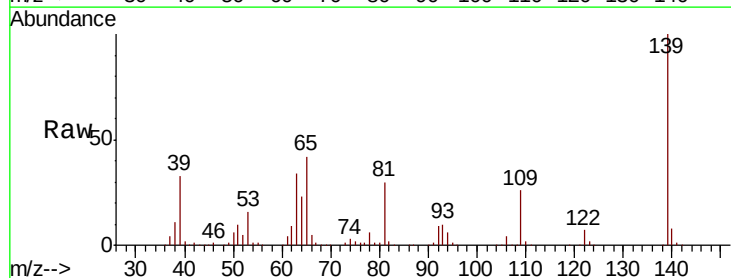
Instrument :
BNA_F
ClientSampleId :

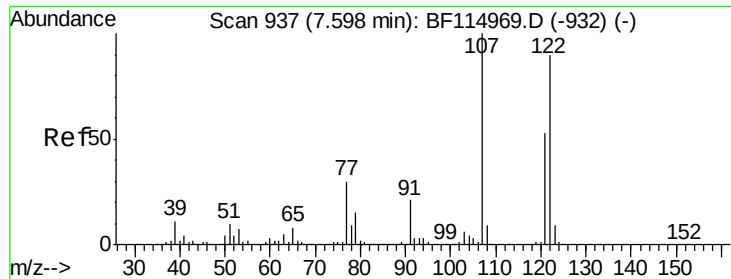
Tot Ion: 82 Resp: 1427026
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 20.6 16.1 24.1



#26
2-Nitrophenol
Concen: 40.944 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion: 139 Resp: 435508
Ion Ratio Lower Upper
139 100
109 26.1 20.8 31.2
65 42.4 33.4 50.2

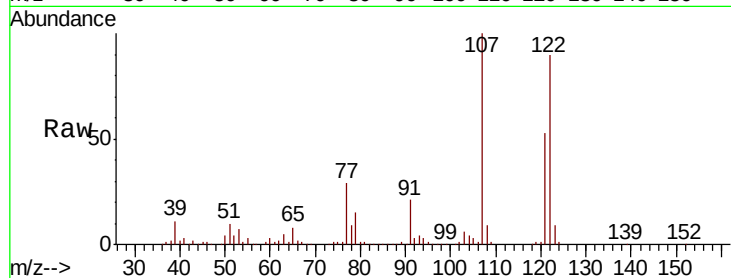




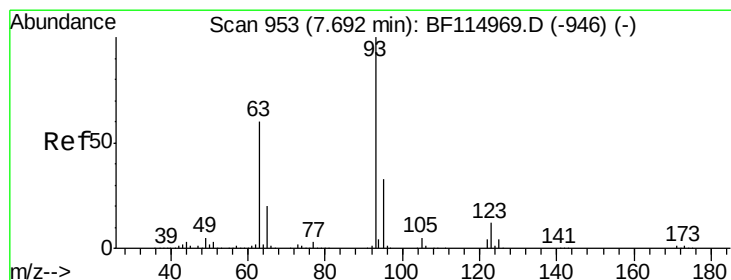
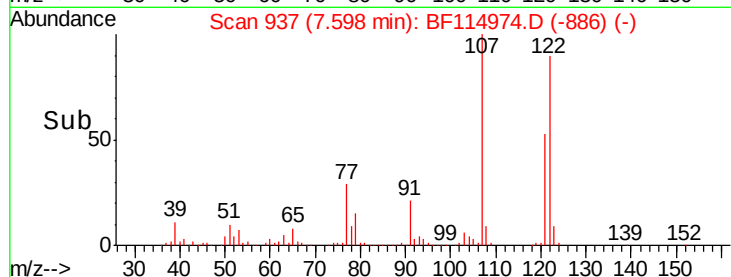
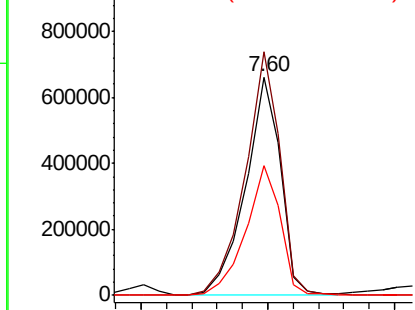
#27
 2,4-Dimethylphenol
 Concen: 41.545 ng
 RT: 7.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	88.8	133.2
121	59.2	47.4	71.0

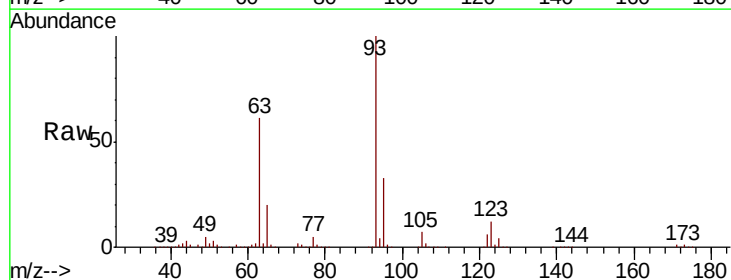


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

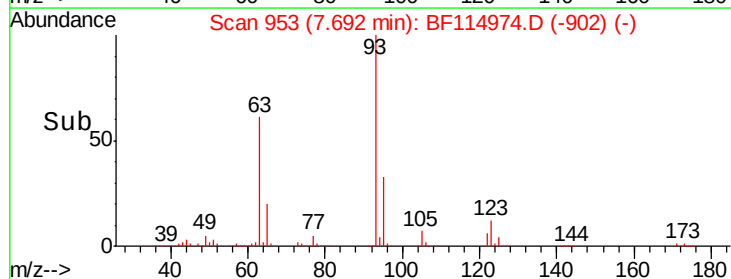
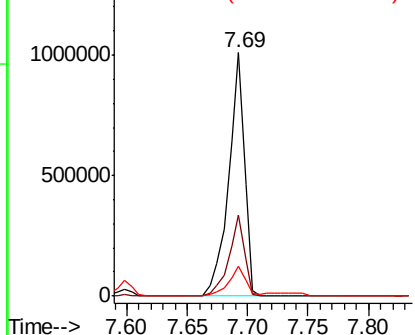


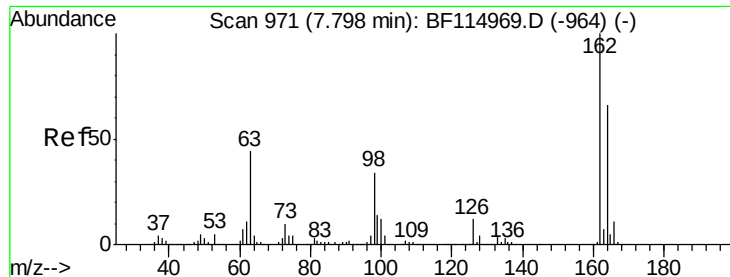
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.974 ng
 RT: 7.69 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	12.4	9.9	14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

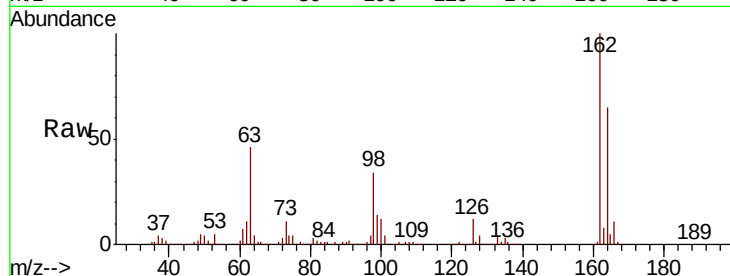




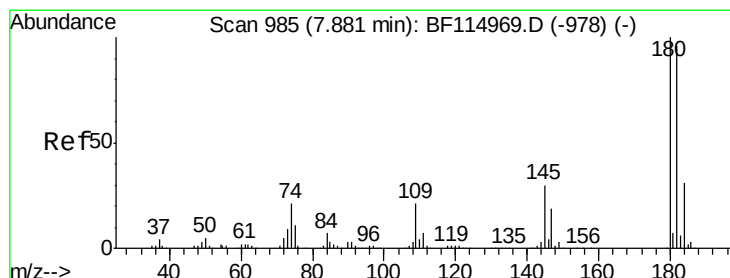
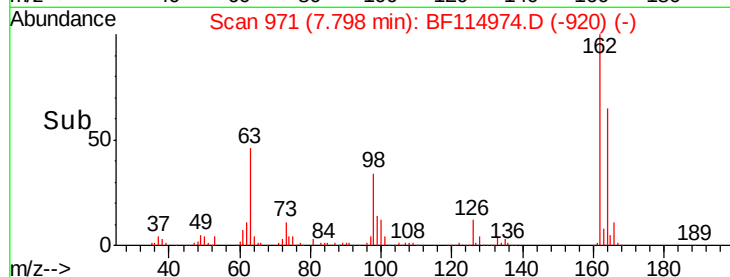
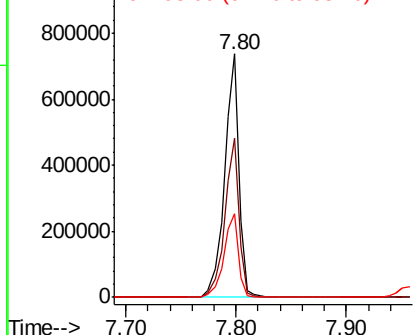
#29
 2,4-Dichlorophenol
 Concen: 41.281 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.7	85.7
98	34.3	14.0	54.0

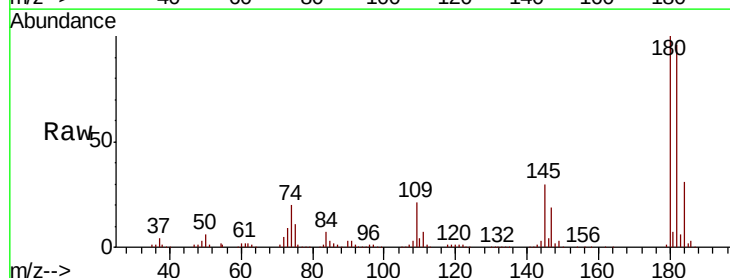


Abundance Ion 162.00 (161.70 to 162.70): E
 1000000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

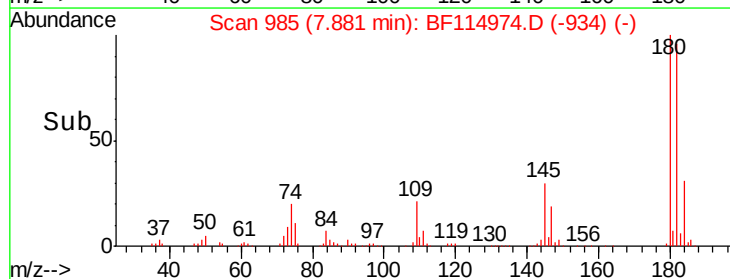
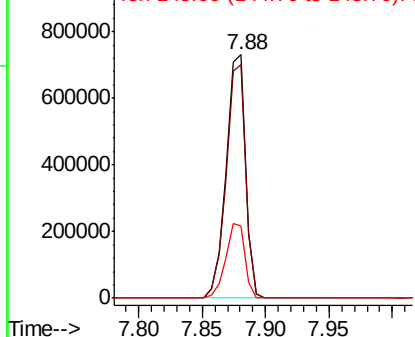


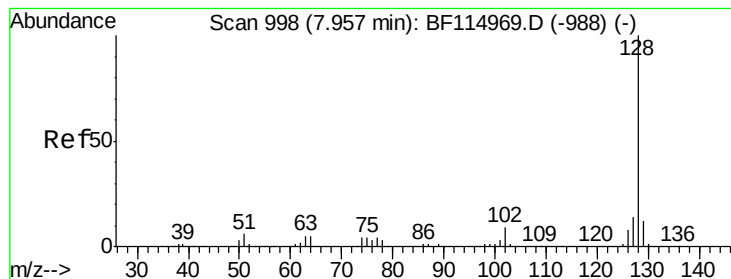
#30
 1,2,4-Trichlorobenzene
 Concen: 41.139 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.7	115.1
145	29.8	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 1000000 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.044 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

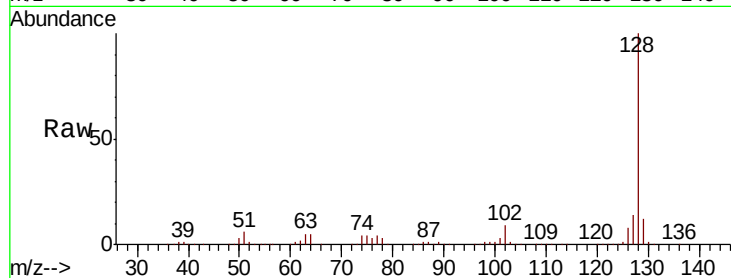
Tot Ion:128 Resp: 2192368

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

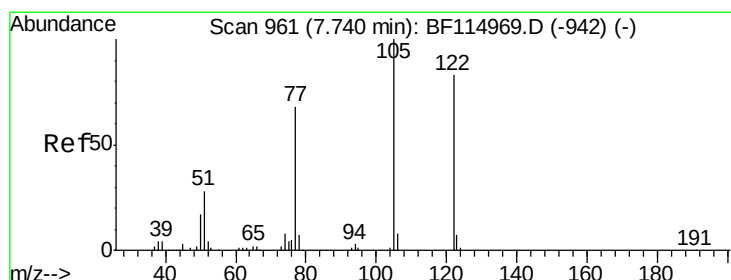
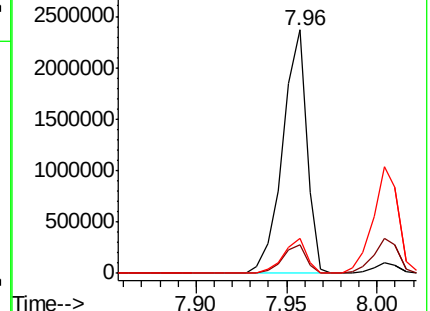
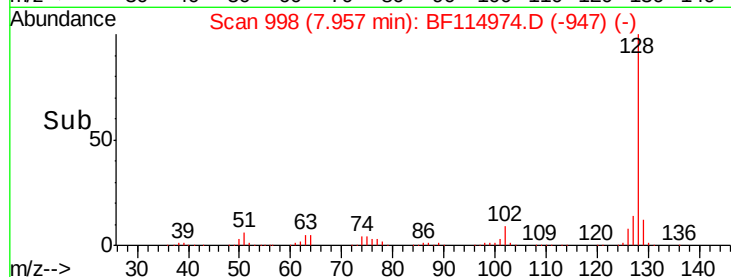
127 14.2 11.5 17.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.196 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

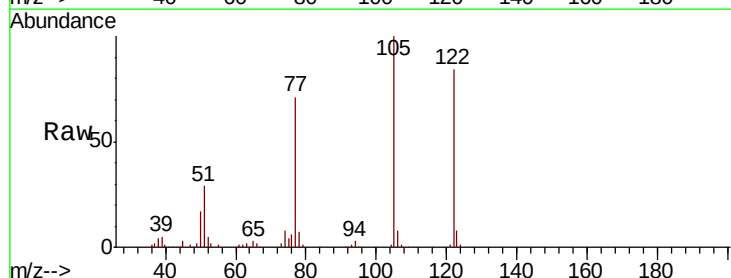
Tgt Ion:122 Resp: 468468

Ion Ratio Lower Upper

122 100

105 118.5 98.6 138.6

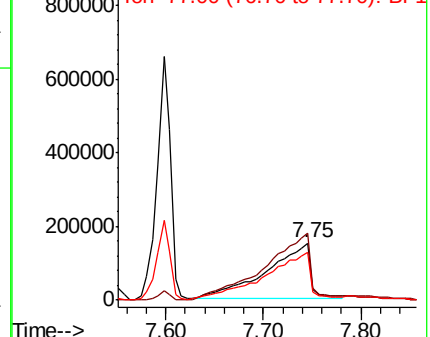
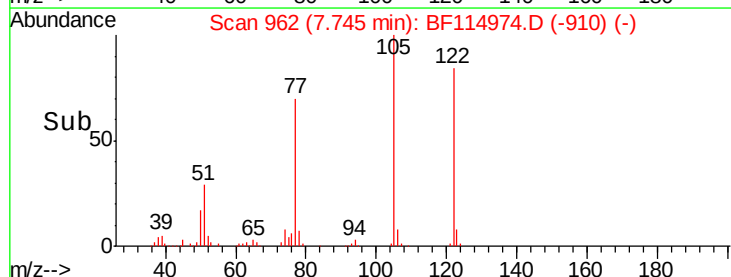
77 83.8 60.9 100.9

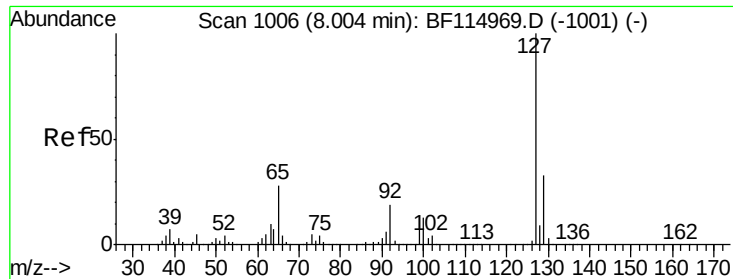


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

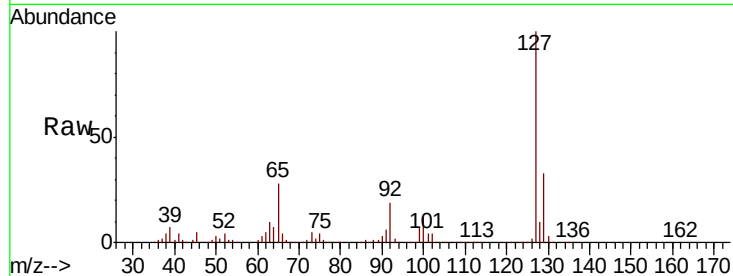




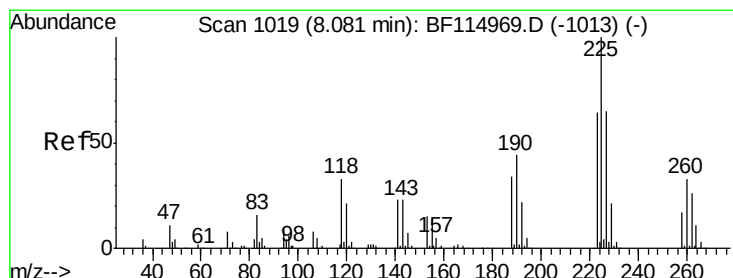
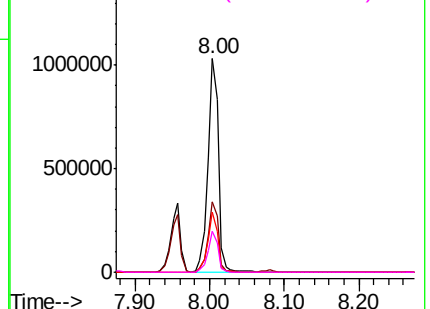
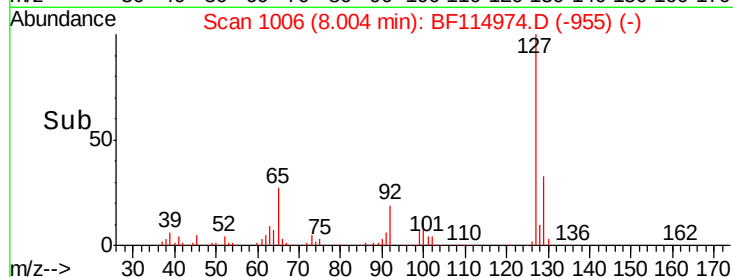
#33
4-Chloroaniline
Concen: 41.223 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1016415
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1
65 28.1 22.3 33.5
92 19.0 15.3 22.9

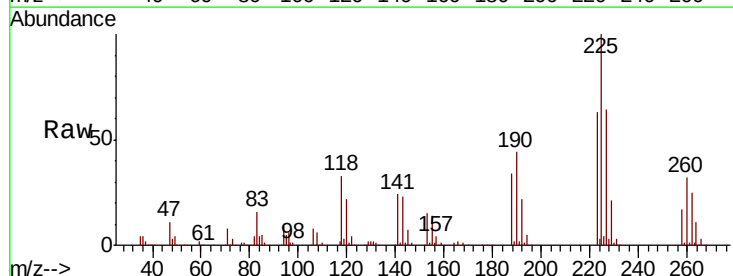


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

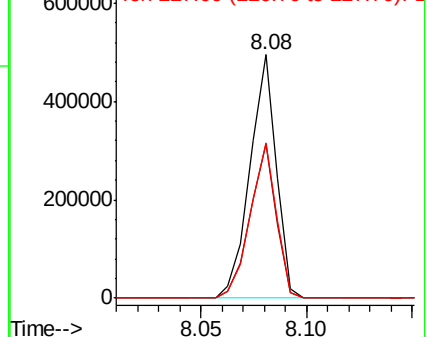
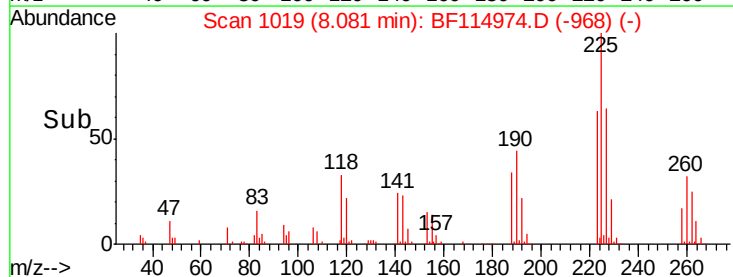


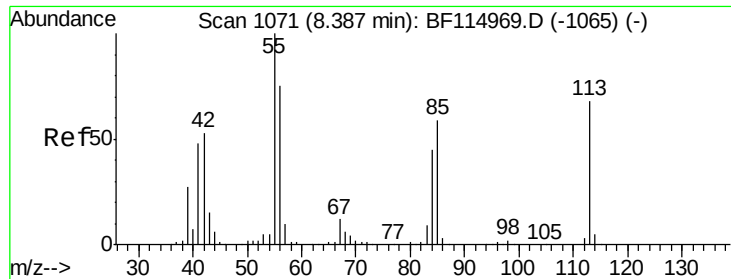
#34
Hexachlorobutadiene
Concen: 41.140 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion:225 Resp: 428311
Ion Ratio Lower Upper
225 100
223 63.2 51.0 76.6
227 63.6 51.7 77.5



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

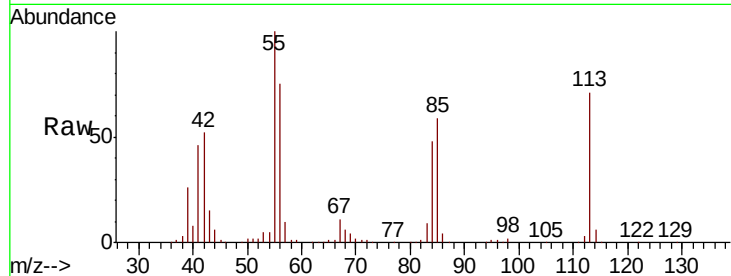




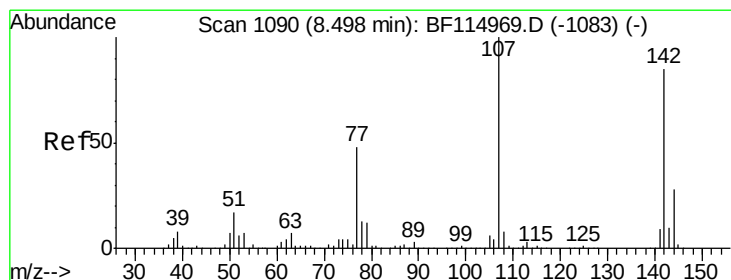
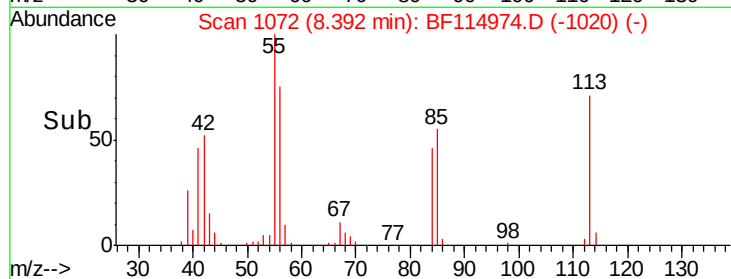
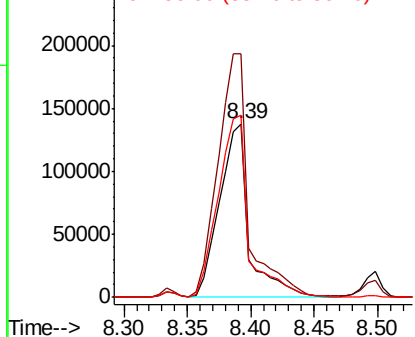
#35
Caprolactam
Concen: 41.212 ng
RT: 8.39 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 222501
Ion Ratio Lower Upper
113 100
55 140.4 127.3 167.3
56 105.0 90.6 130.6

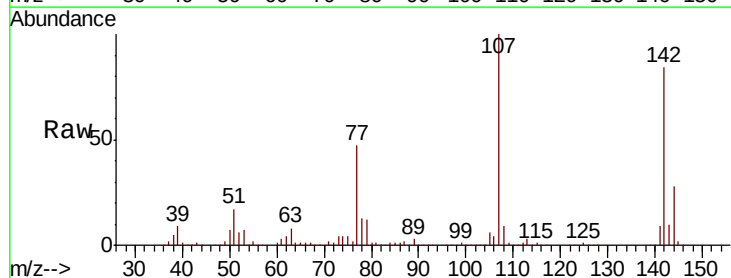


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

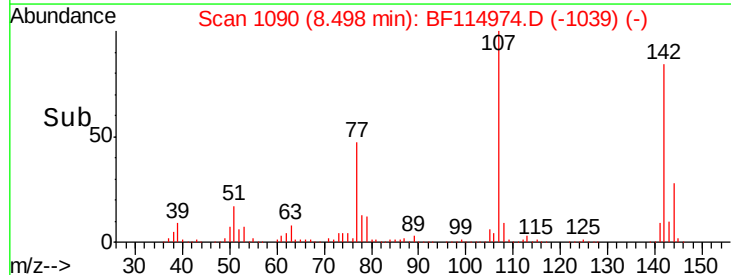
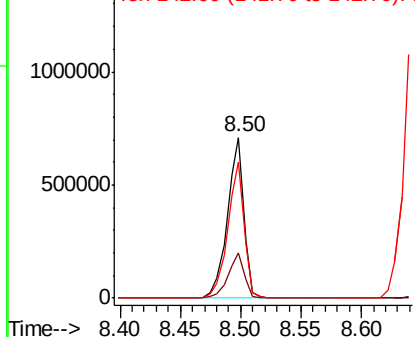


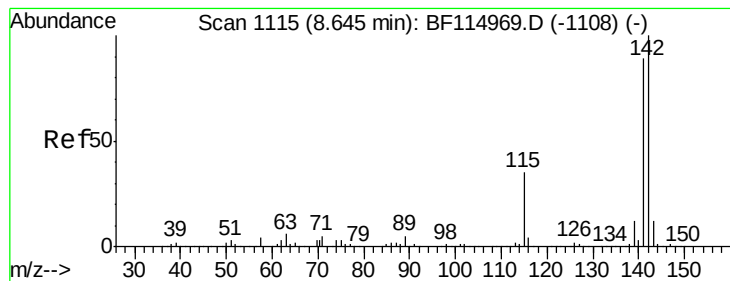
#36
4-Chloro-3-methylphenol
Concen: 41.192 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion:107 Resp: 672889
Ion Ratio Lower Upper
107 100
144 28.0 22.0 33.0
142 84.4 68.2 102.4



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: 41.154 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

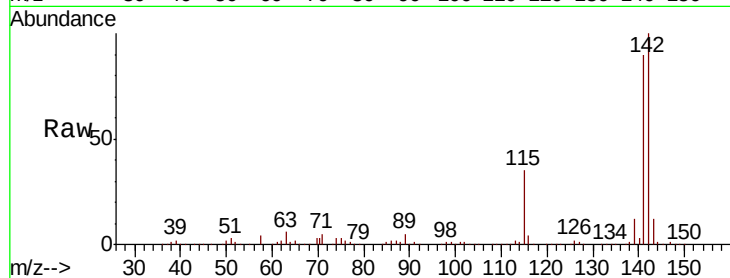
Tot Ion:142 Resp: 1466185

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

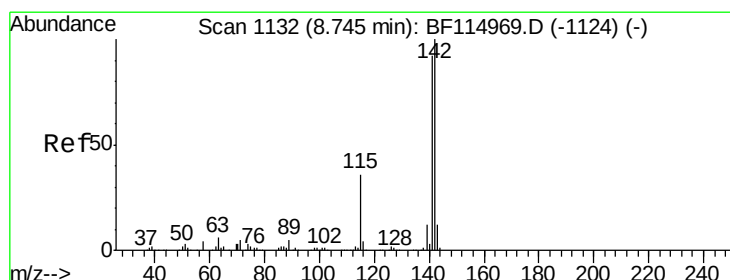
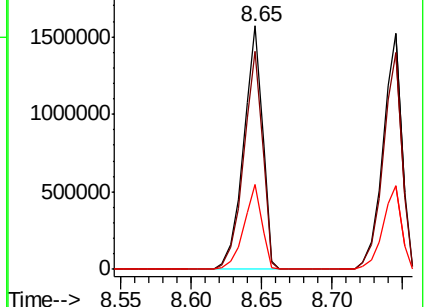
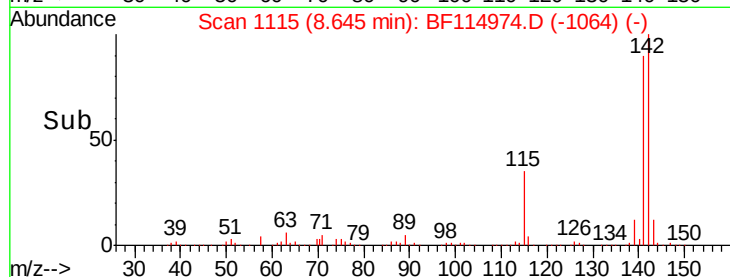
115 35.1 27.9 41.9



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: 41.456 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

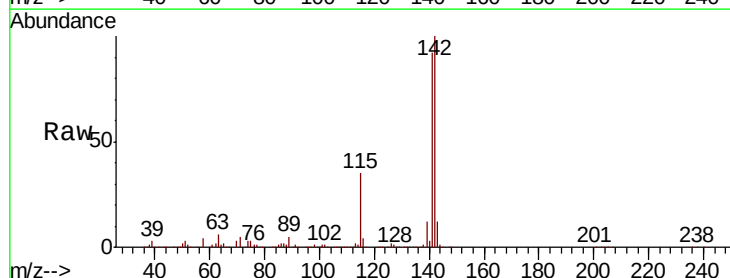
Tgt Ion:142 Resp: 1395923

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.8

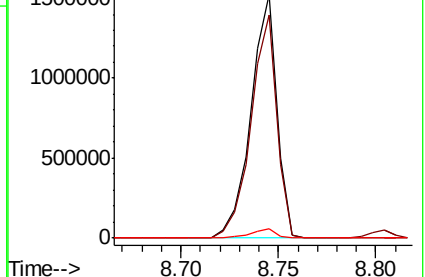
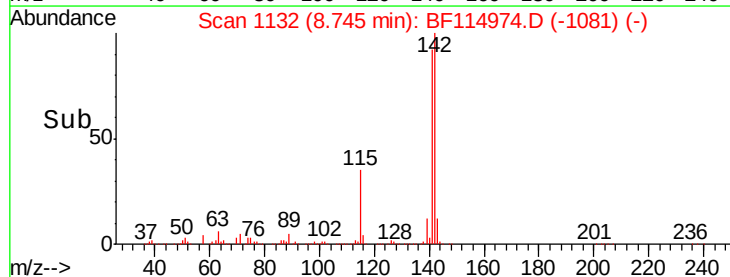
116 3.7 2.9 4.3

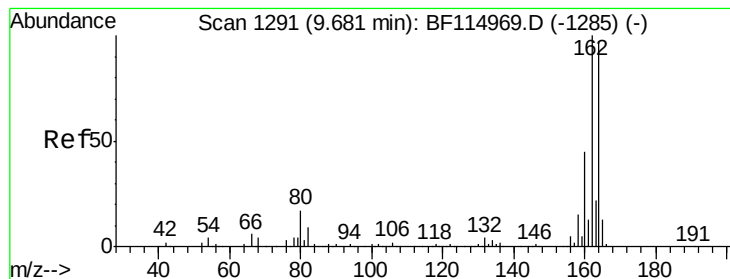


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

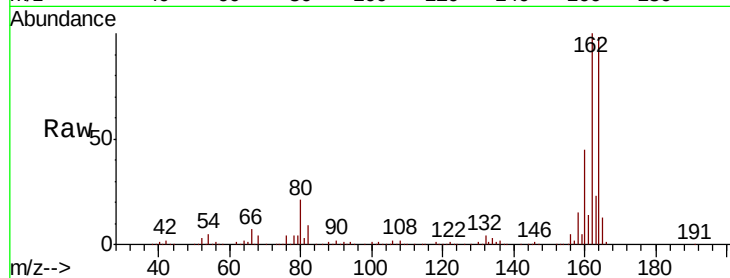
Tot Ion:164 Resp: 550056

Ion Ratio Lower Upper

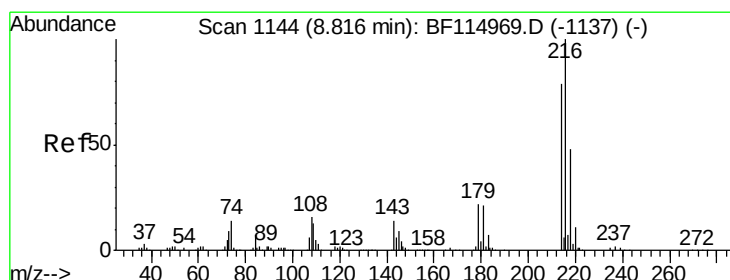
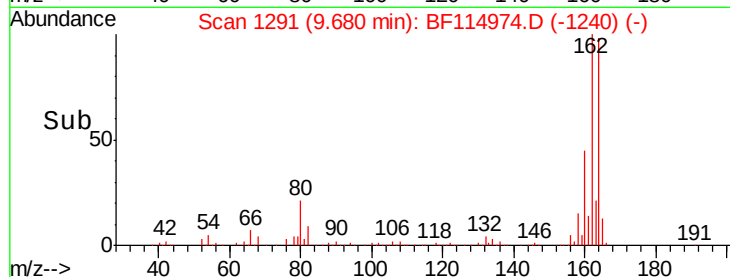
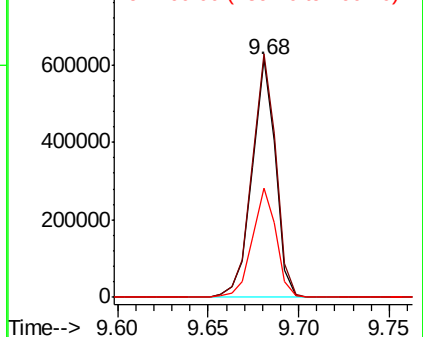
164 100

162 102.3 82.6 124.0

160 45.9 36.9 55.3



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: 40.964 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:216 Resp: 665699

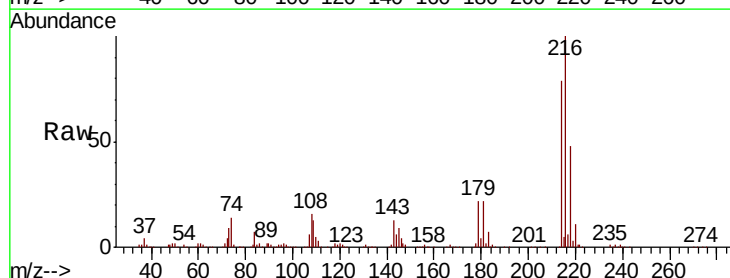
Ion Ratio Lower Upper

216 100

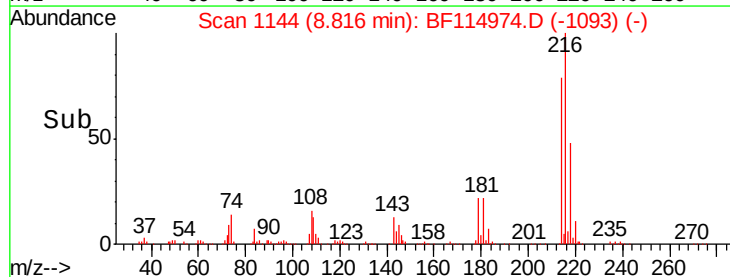
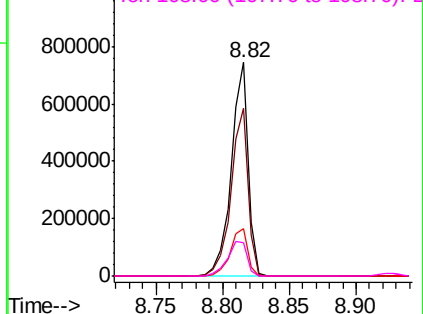
214 79.5 63.7 95.5

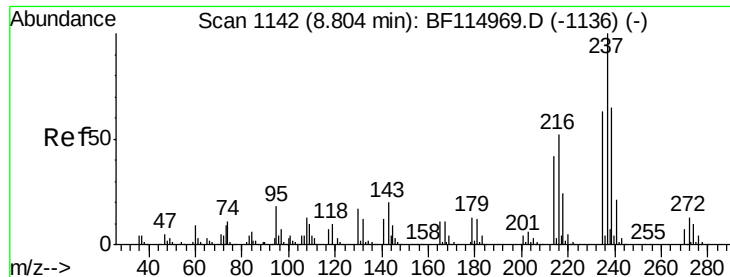
179 22.9 18.2 27.4

108 18.9 15.0 22.6



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: 40.696 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

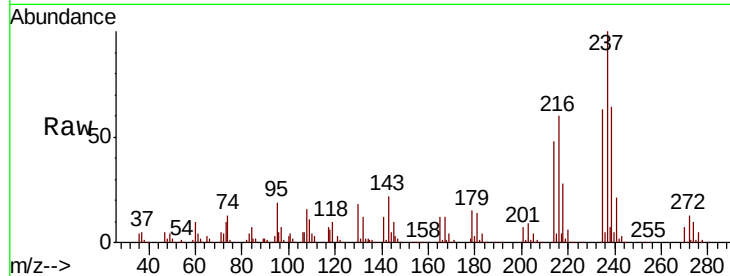
Tot Ion:237 Resp: 325882

Ion Ratio Lower Upper

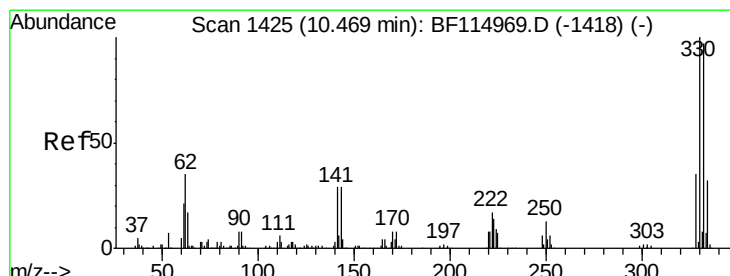
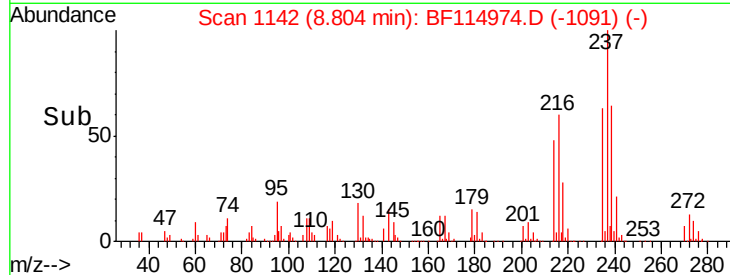
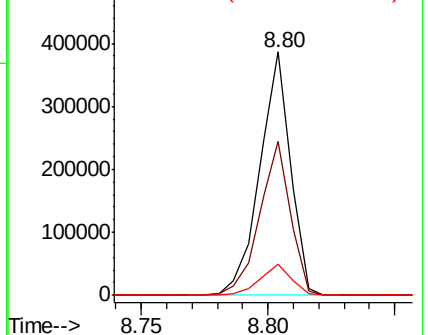
237 100

235 63.4 42.7 82.7

272 13.0 0.0 32.7



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



#42

2,4,6-Tribromophenol

Concen: 81.146 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

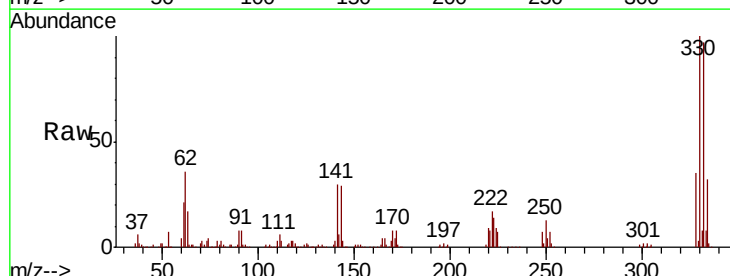
Tgt Ion:330 Resp: 477975

Ion Ratio Lower Upper

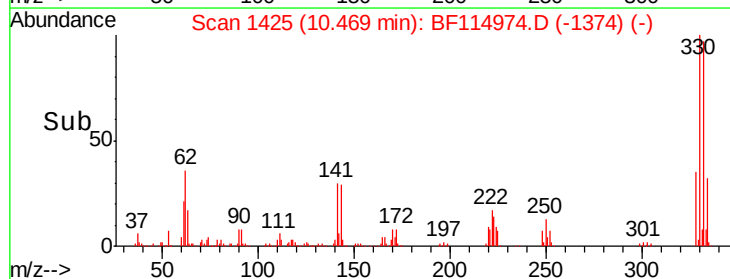
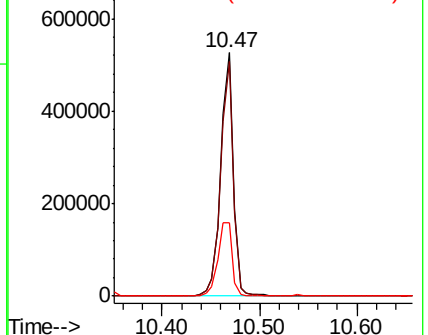
330 100

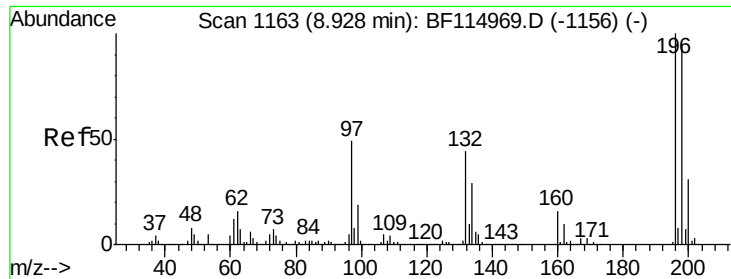
332 96.8 77.6 116.4

141 34.4 27.2 40.8



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

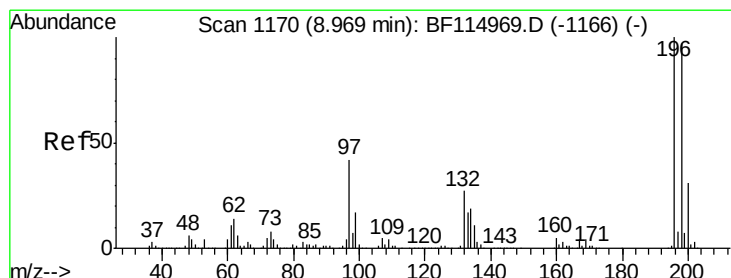
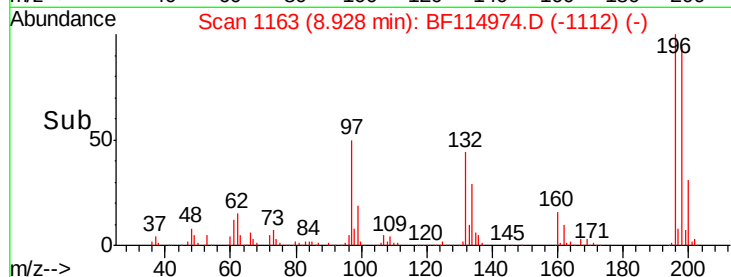
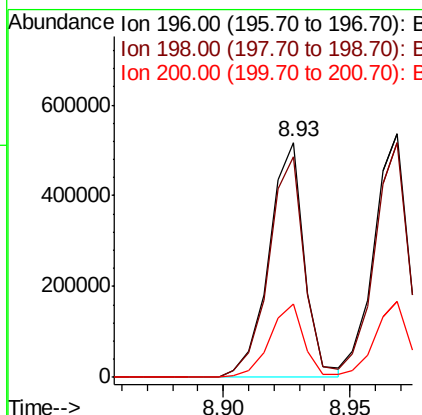
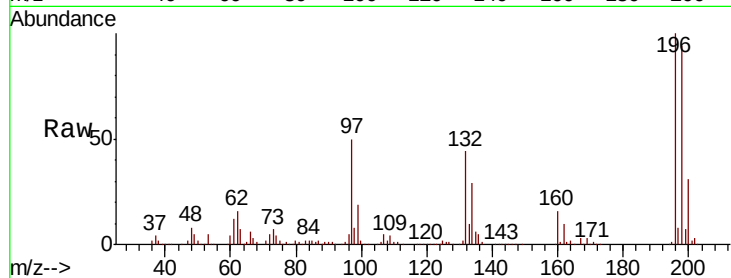




#43
 2,4,6-Trichlorophenol
 Concen: 41.768 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

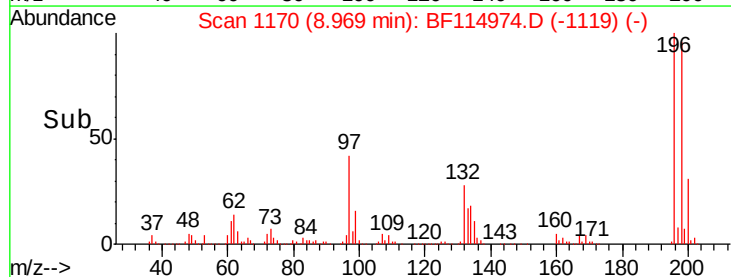
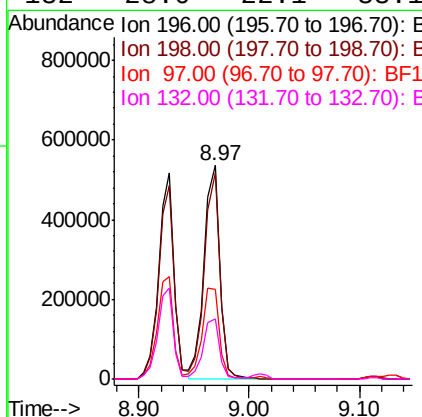
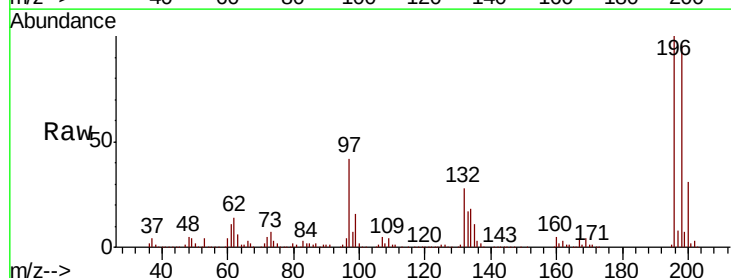
Instrument :
 BNA_F
 ClientSampleId :

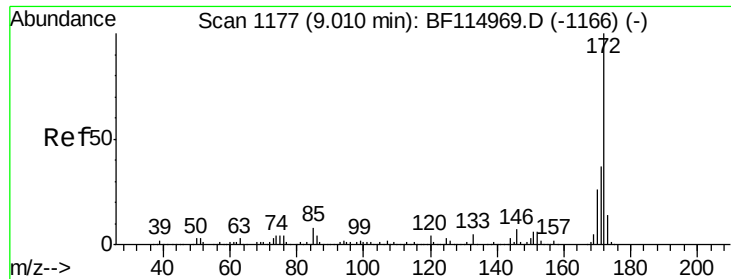
Tot Ion	196	Resp	506974
Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.8	113.8
200	31.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.753 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion	196	Resp	512156
Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.3	115.9
97	42.3	34.2	51.4
132	28.0	22.1	33.1



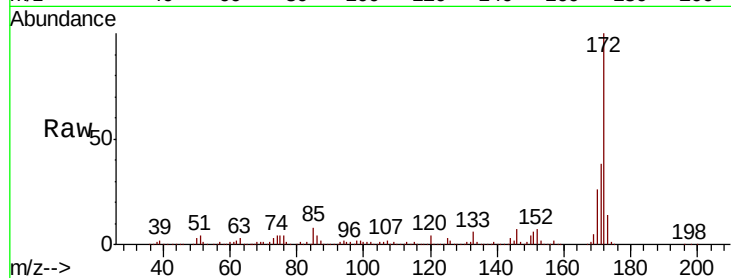


#45
 2-Fluorobiphenyl
 Concen: 82.704 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

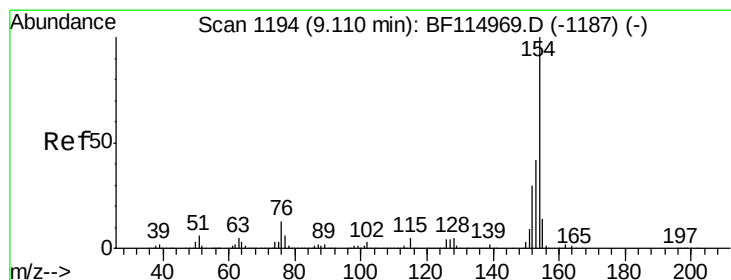
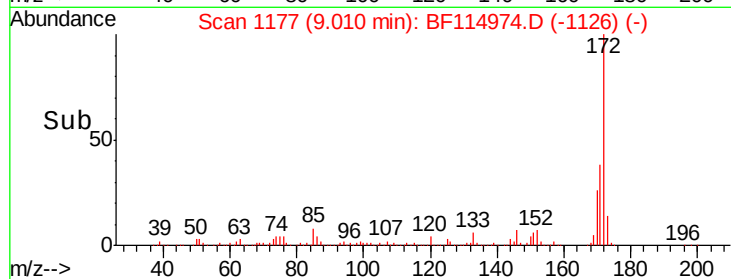
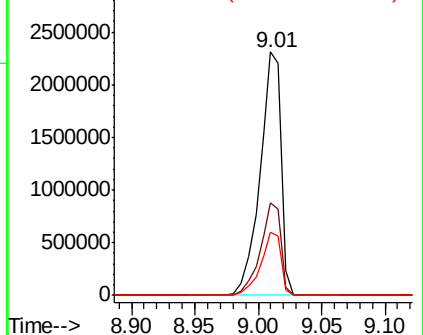
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2684138

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.8	44.6
170	25.8	20.6	31.0



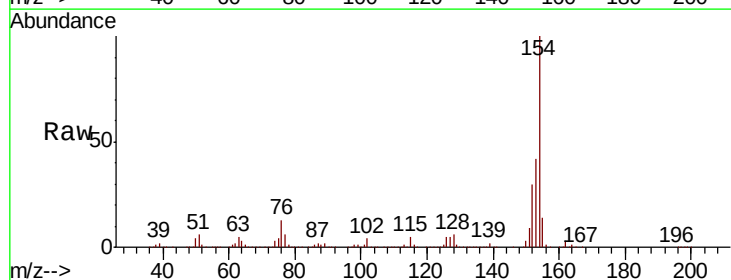
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



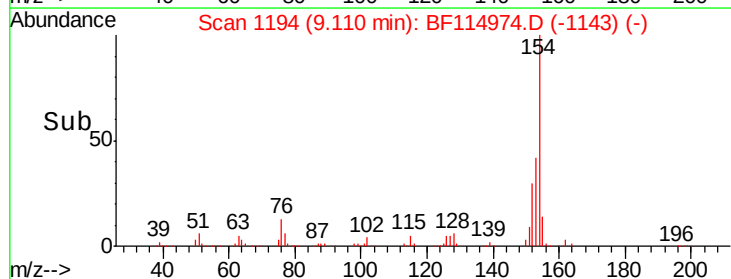
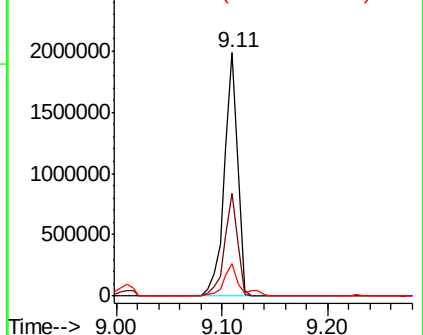
#46
 1,1'-Biphenyl
 Concen: 39.568 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

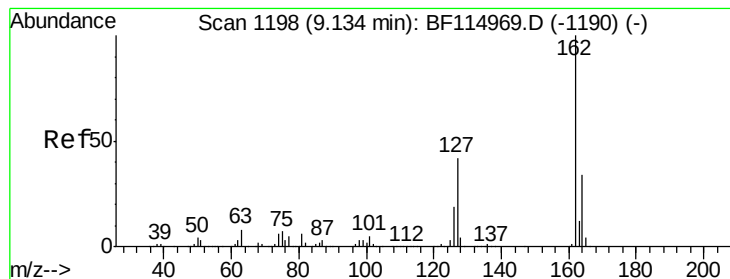
Tgt Ion:154 Resp: 1744093

Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.4	62.4
76	13.4	0.0	33.3



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





#47

2-Chloronaphthalene

Concen: 40.905 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

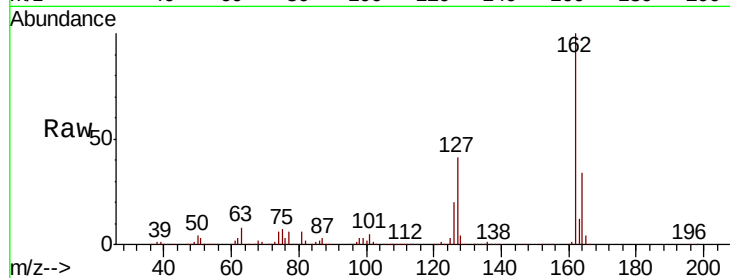
Tot Ion:162 Resp: 1458011

Ion Ratio Lower Upper

162 100

127 41.3 33.4 50.2

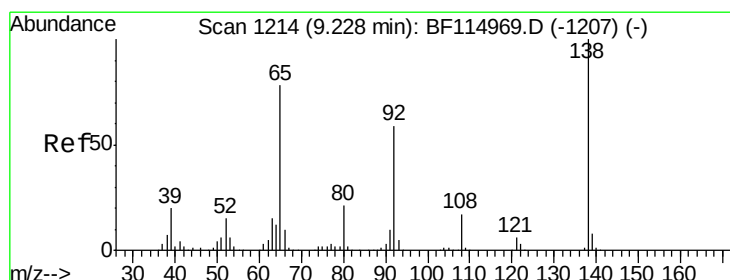
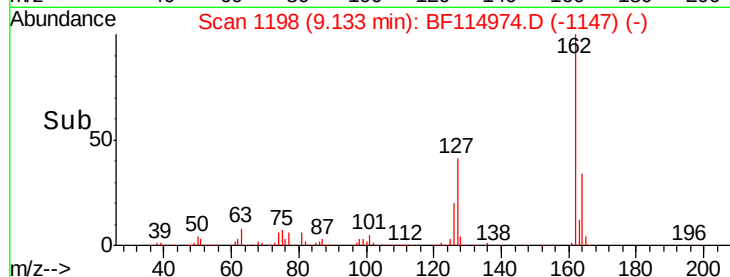
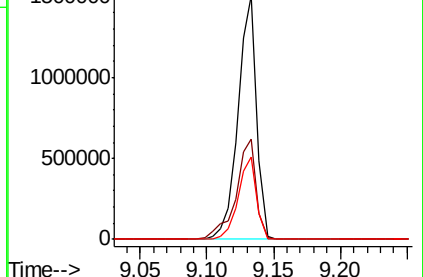
164 34.0 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.364 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

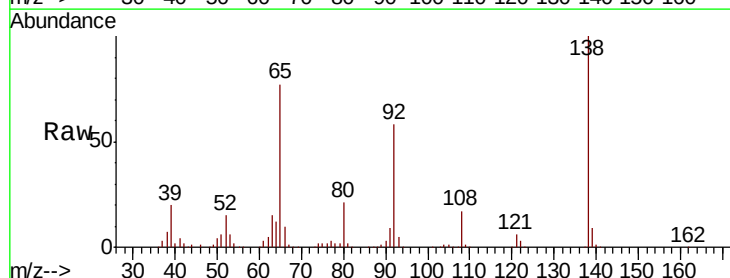
Tgt Ion: 65 Resp: 435789

Ion Ratio Lower Upper

65 100

92 75.6 60.5 90.7

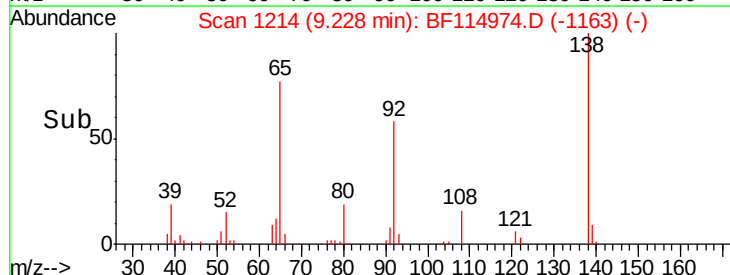
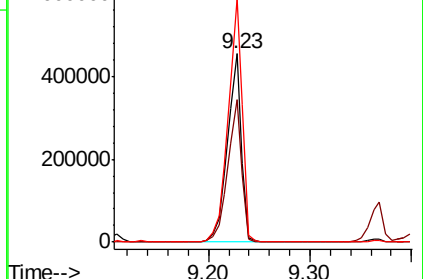
138 129.5 102.0 153.0

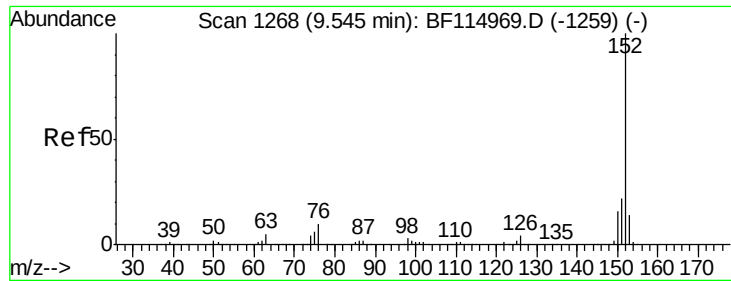


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.469 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

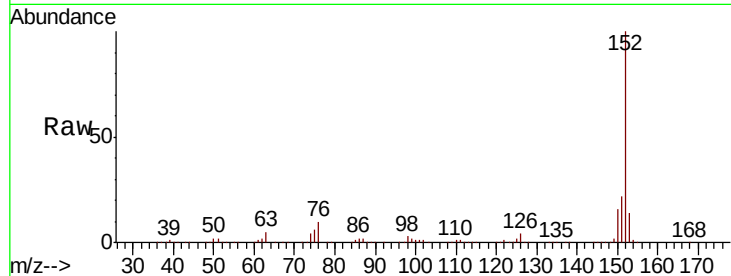
Tot Ion:152 Resp: 2163012

Ion Ratio Lower Upper

152 100

151 21.7 17.5 26.3

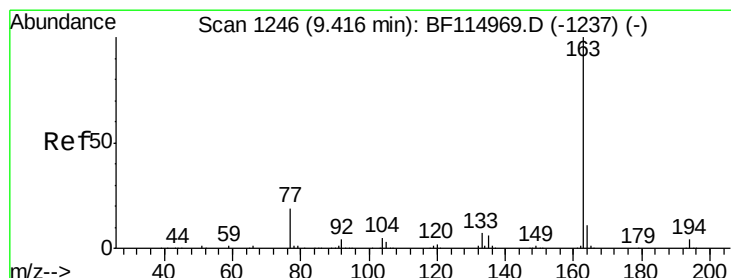
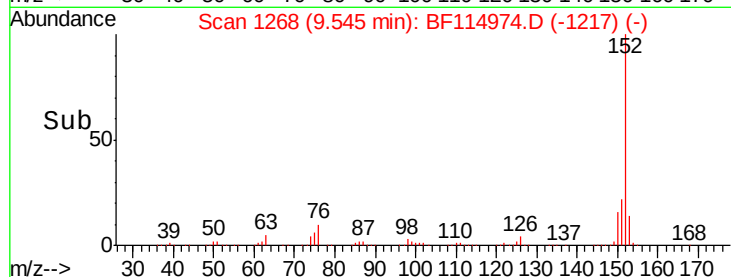
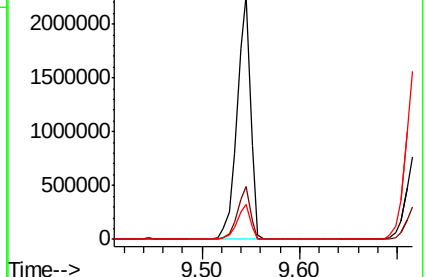
153 14.2 11.2 16.8



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: 41.056 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

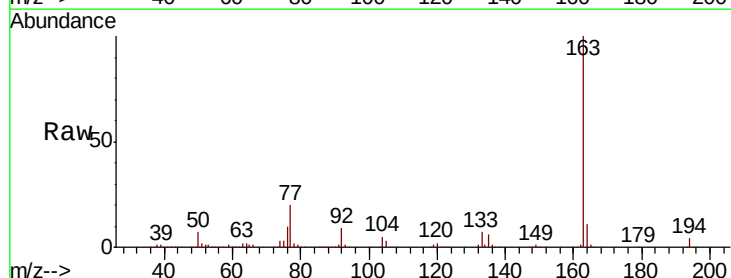
Tgt Ion:163 Resp: 1698351

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

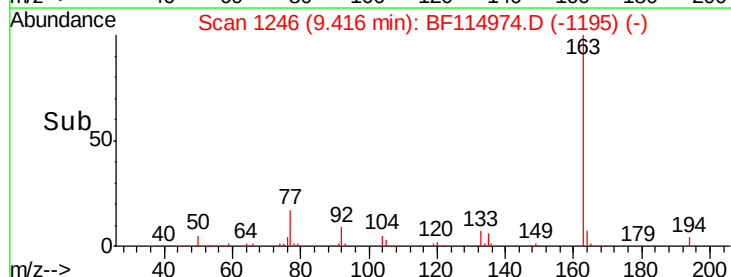
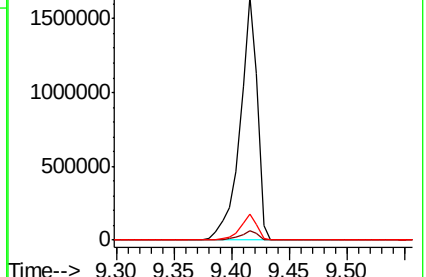
164 10.5 8.6 12.8

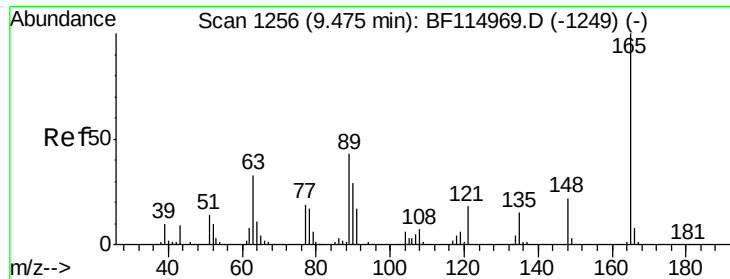


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.930 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

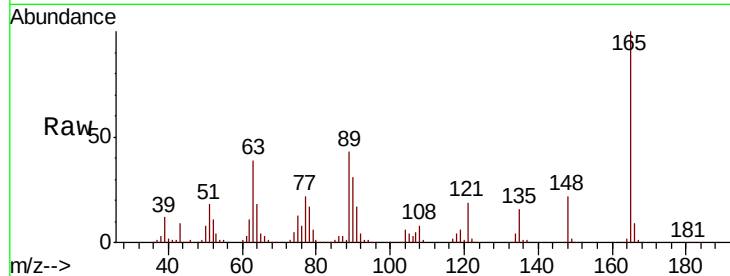
Tot Ion:165 Resp: 393447

Ion Ratio Lower Upper

165 100

63 39.3 30.6 46.0

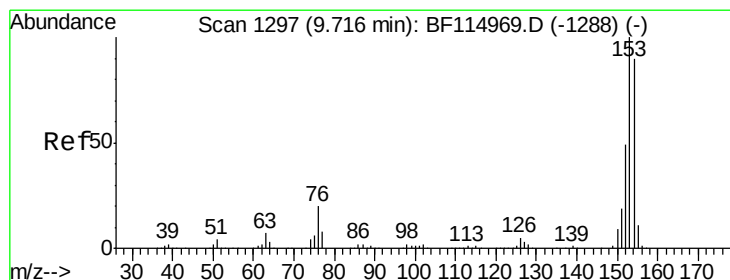
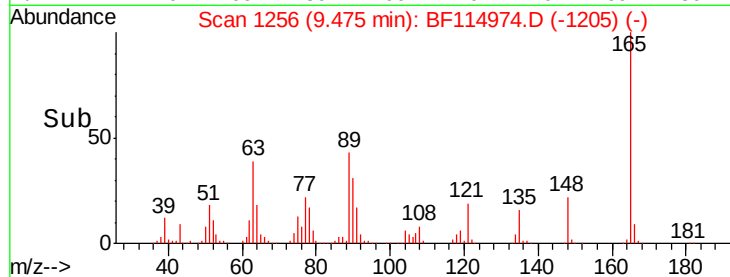
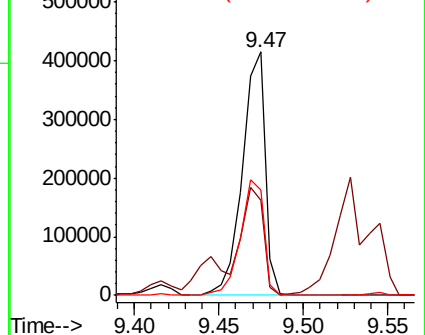
89 43.5 34.4 51.6



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: 40.967 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

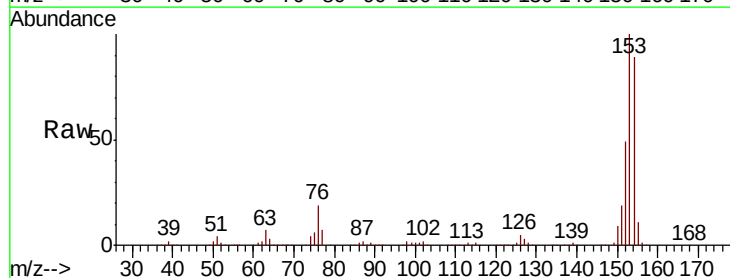
Tgt Ion:154 Resp: 1284481

Ion Ratio Lower Upper

154 100

153 111.7 88.5 132.7

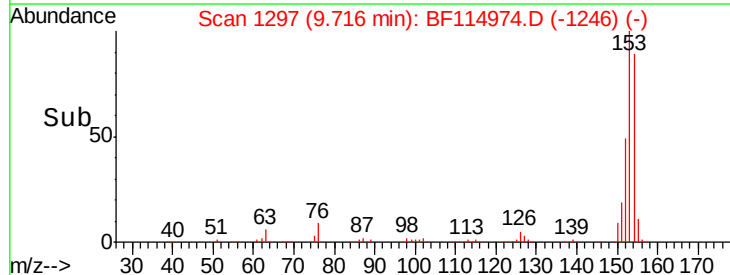
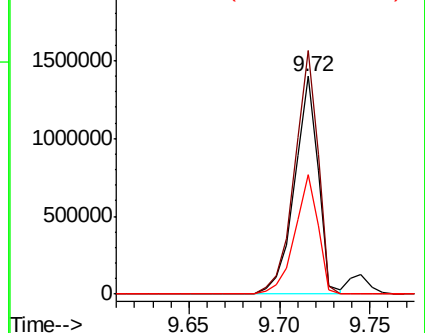
152 54.7 43.6 65.4

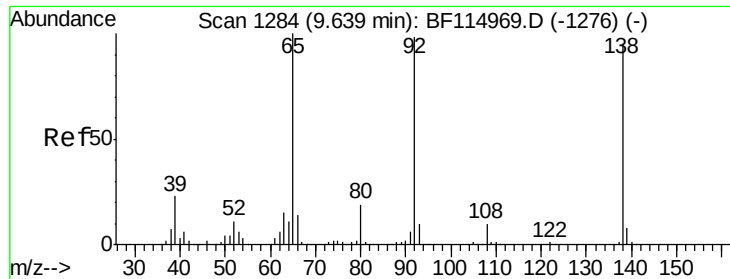


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

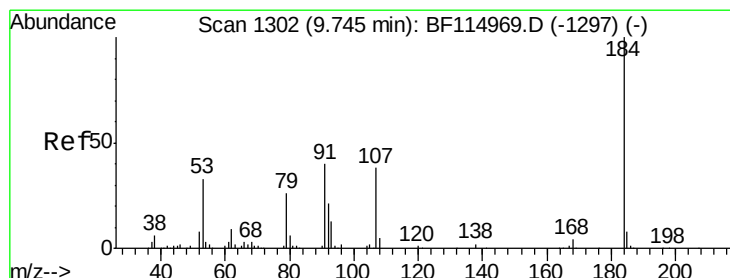
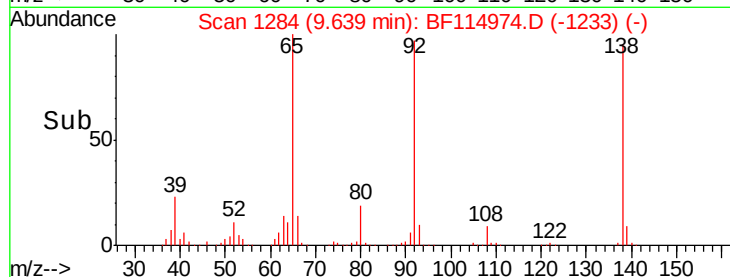
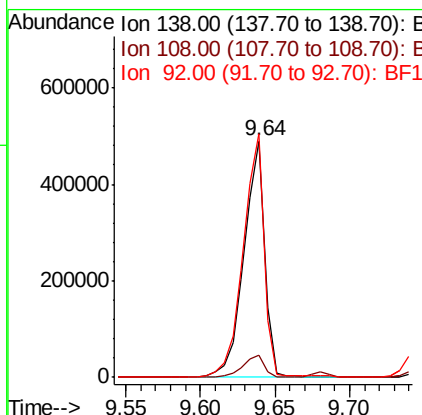
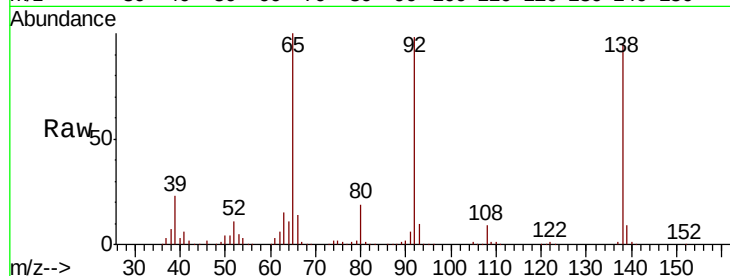




#53
 3-Nitroaniline
 Concen: 41.093 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

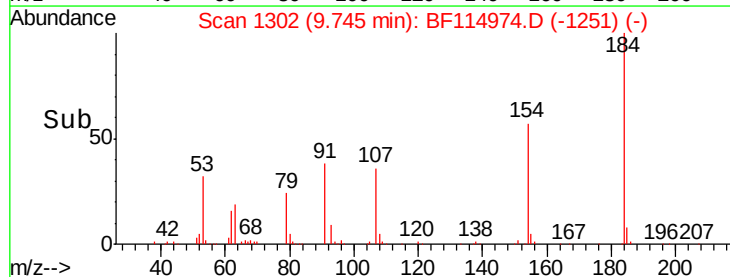
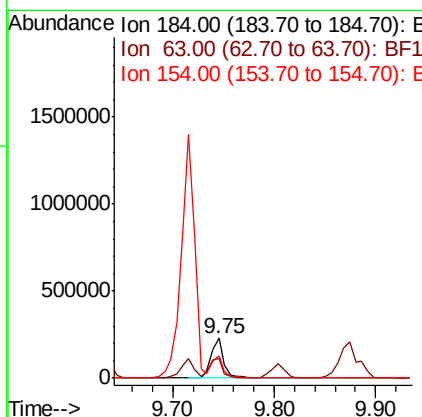
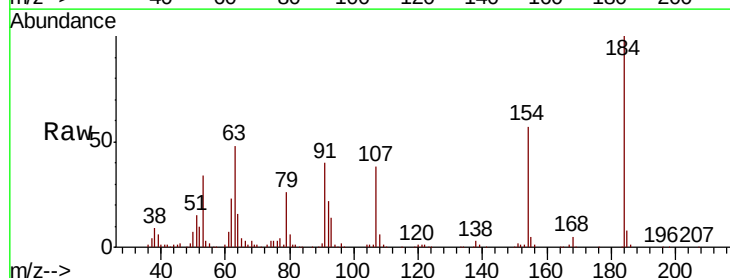
Instrument :
 BNA_F
 ClientSampleId :

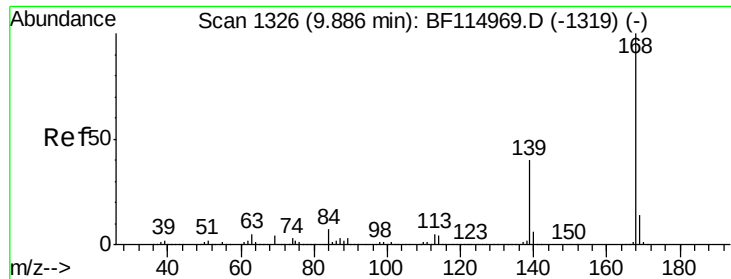
Tot Ion:138 Resp: 472435
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.0 12.0
 92 103.1 82.4 123.6



#54
 2,4-Dinitrophenol
 Concen: 45.236 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion:184 Resp: 205889
 Ion Ratio Lower Upper
 184 100
 63 47.9 40.5 60.7
 154 56.9 44.8 67.2

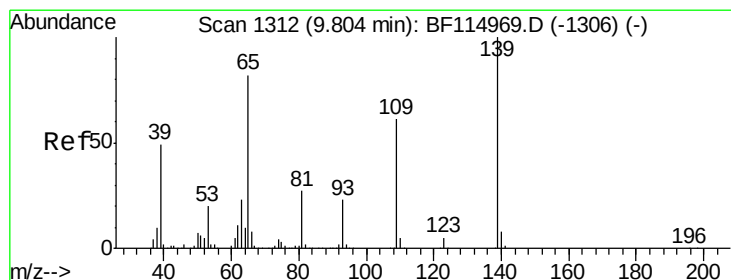
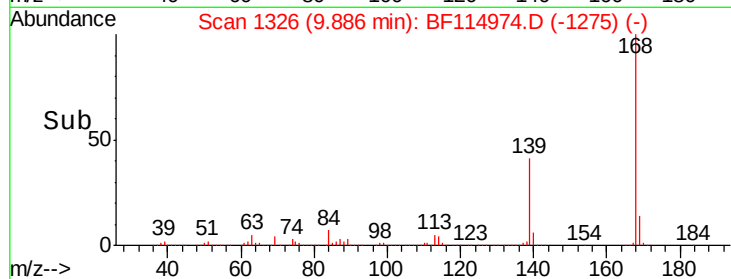
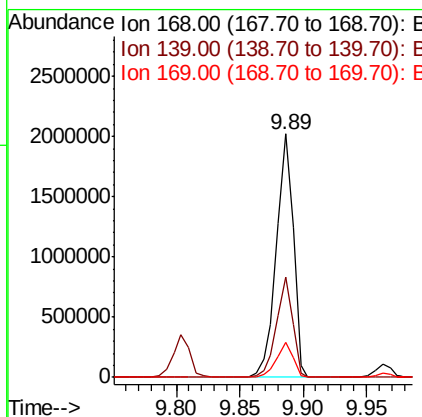
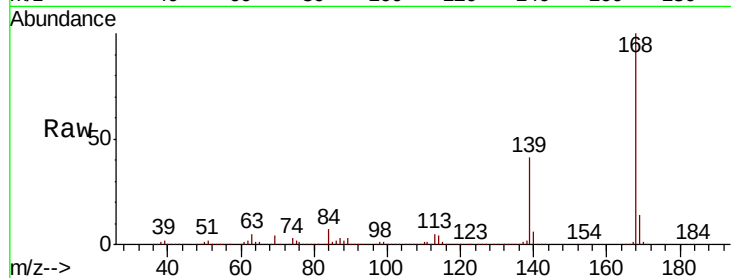




#55
 Dibenzofuran
 Concen: 39.608 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

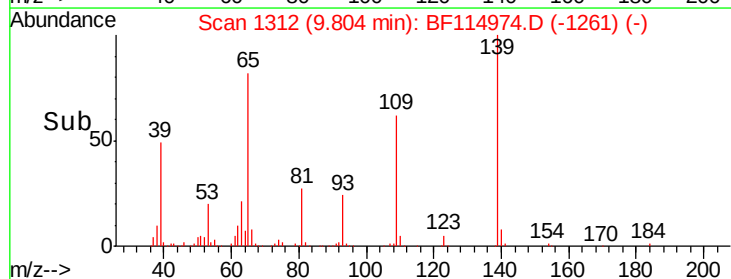
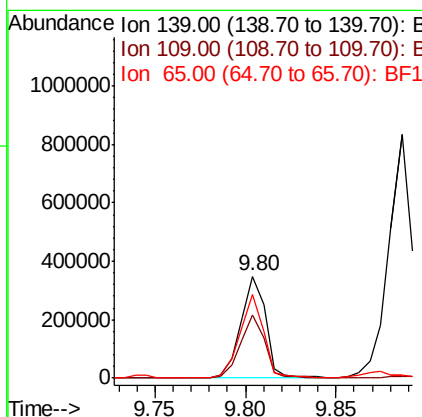
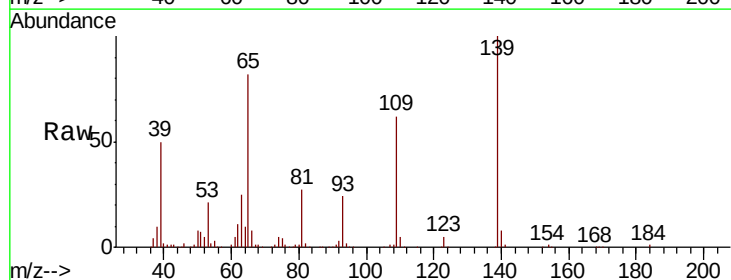
Instrument :
 BNA_F
 ClientSampleId :

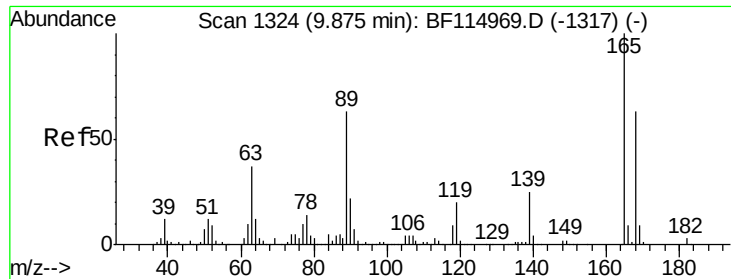
Tot Ion:168 Resp: 1871663
 Ion Ratio Lower Upper
 168 100
 139 41.2 32.5 48.7
 169 14.4 11.5 17.3



#56
 4-Nitrophenol
 Concen: 42.438 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion:139 Resp: 336454
 Ion Ratio Lower Upper
 139 100
 109 62.2 41.4 81.4
 65 82.4 62.7 102.7

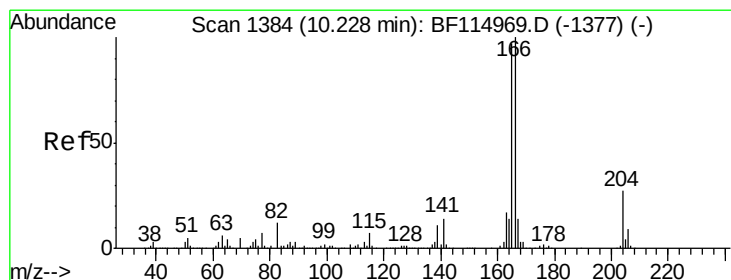
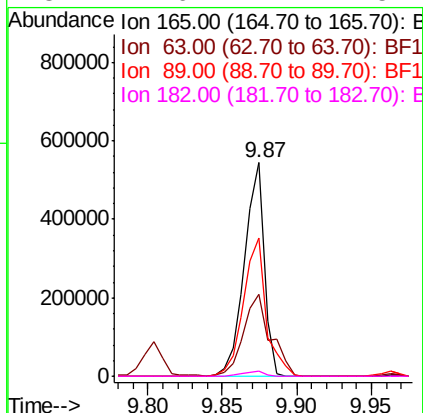
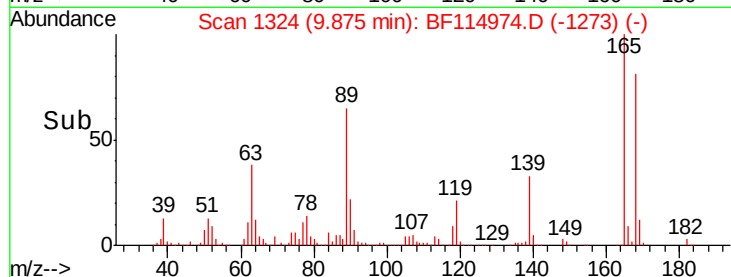
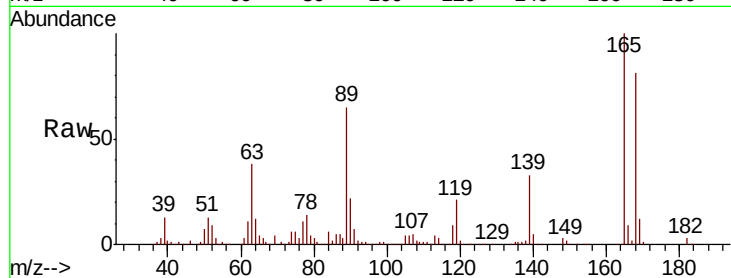




#57
2,4-Dinitrotoluene
Concen: 42.306 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

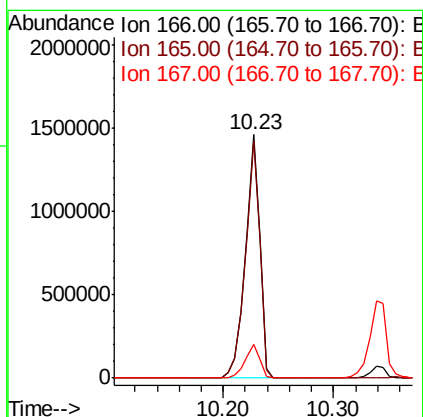
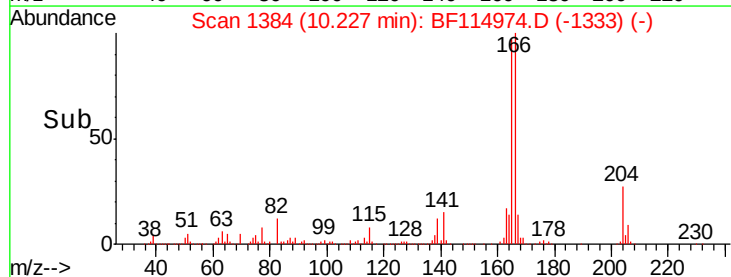
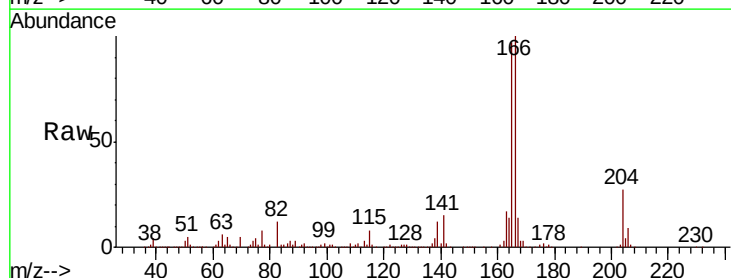
Instrument :
BNA_F
ClientSampleId :

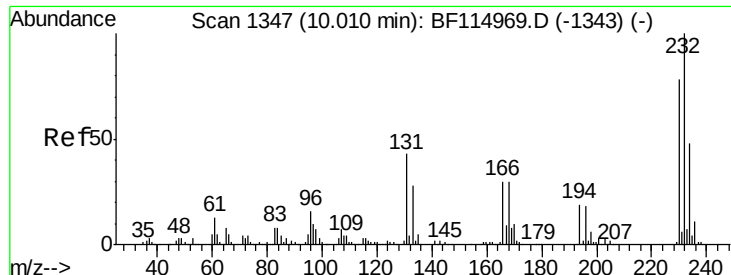
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.2	29.4	44.2
89	64.6	50.6	75.8
182	2.6	2.2	3.2



#58
Fluorene
Concen: 42.282 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.6	116.4
167	13.6	11.0	16.4

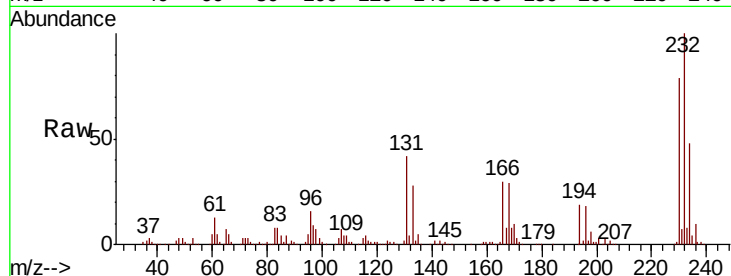




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.638 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	36.9	55.3
130	2.3	1.8	2.6
166	31.5	24.8	37.2



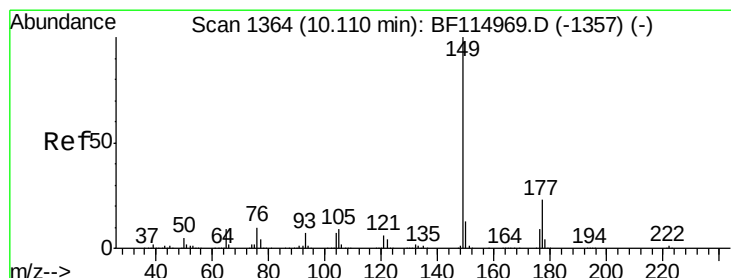
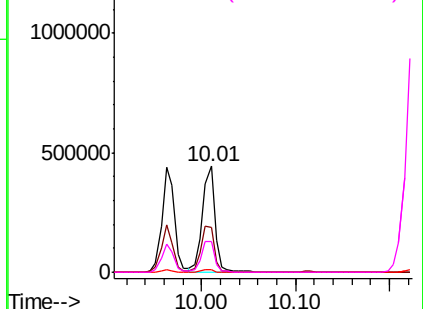
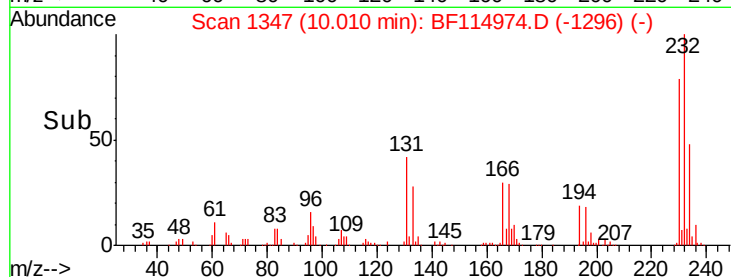
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

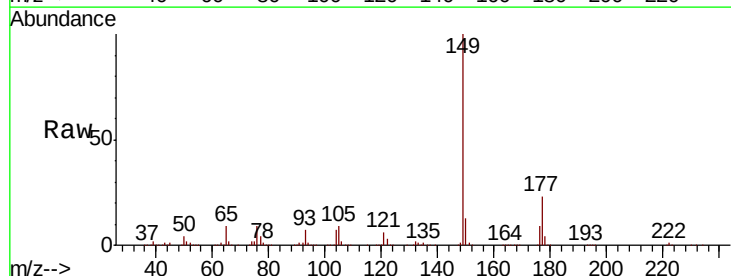
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.278 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.6	27.8
150	12.9	10.5	15.7

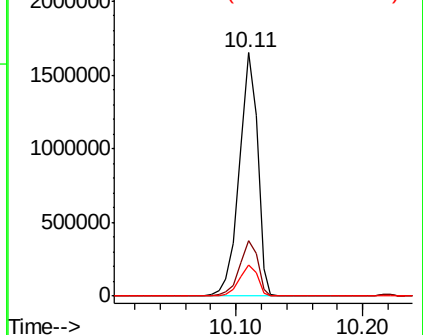
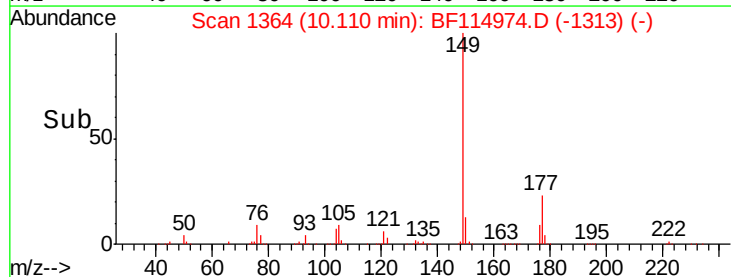


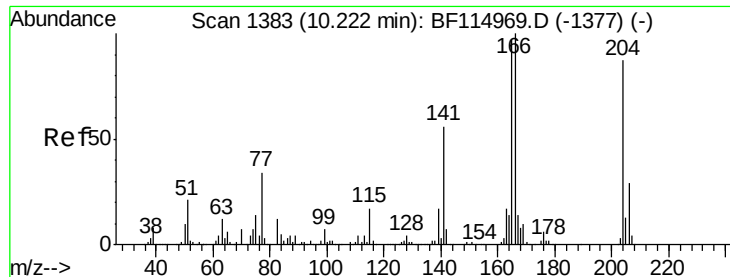
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

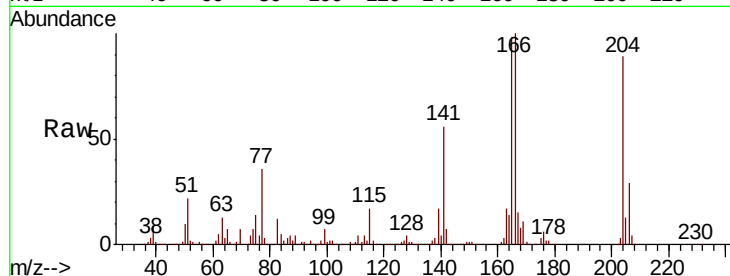




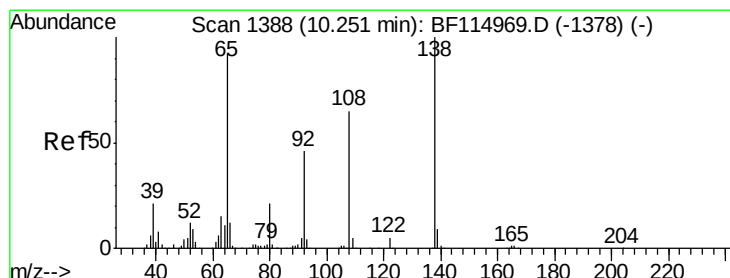
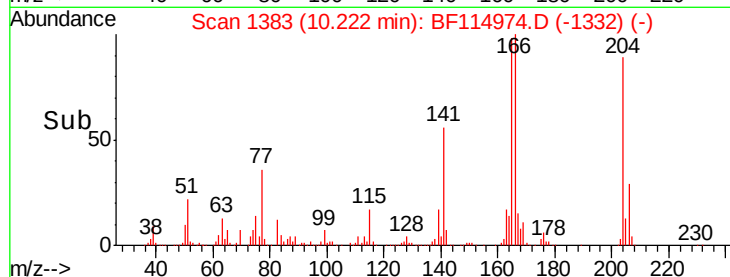
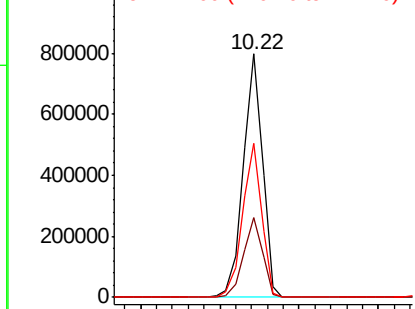
#61
4-Chlorophenyl-phenylether
Concen: 42.397 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 668725
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 63.3 51.8 77.8

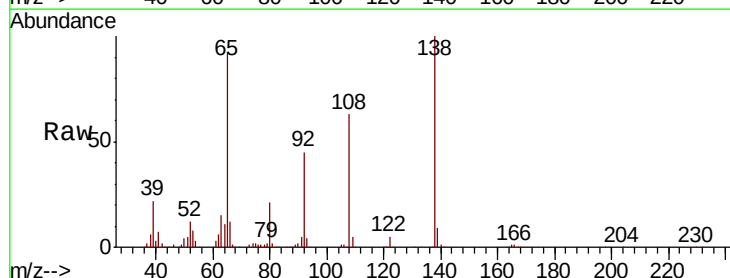


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

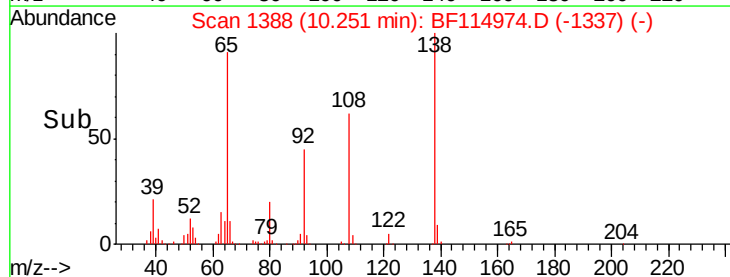
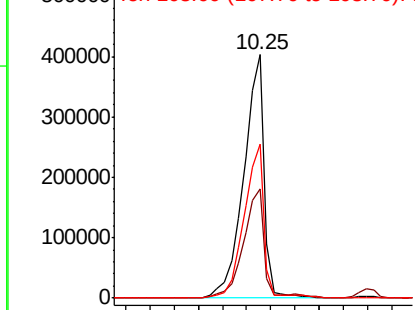


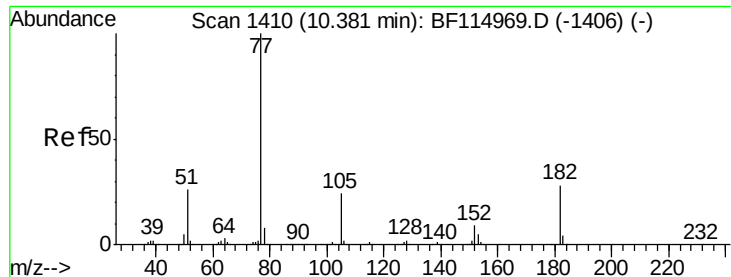
#62
4-Nitroaniline
Concen: 41.339 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion:138 Resp: 477850
Ion Ratio Lower Upper
138 100
92 44.8 25.7 65.7
108 63.0 44.6 84.6



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





#63

Azobenzene

Concen: 41.344 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1430620

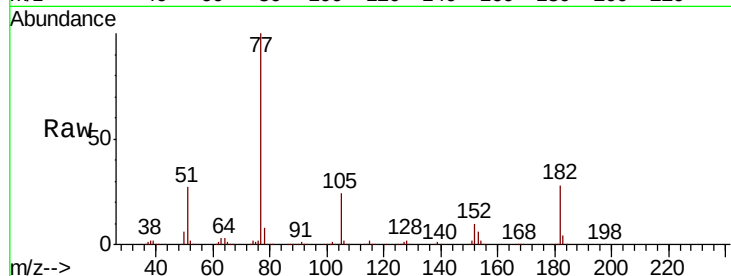
Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.4	47.4
105	24.2	4.2	44.2
51	26.6	6.2	46.2

77 100

182 27.8 7.4 47.4

105 24.2 4.2 44.2

51 26.6 6.2 46.2

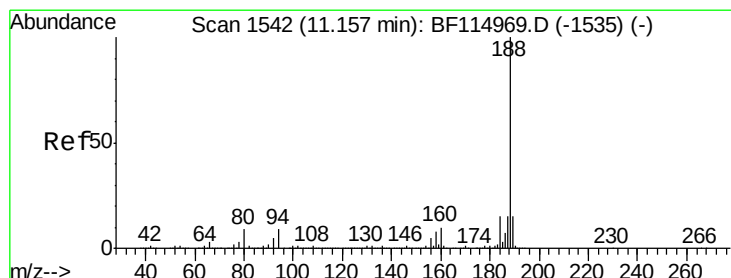
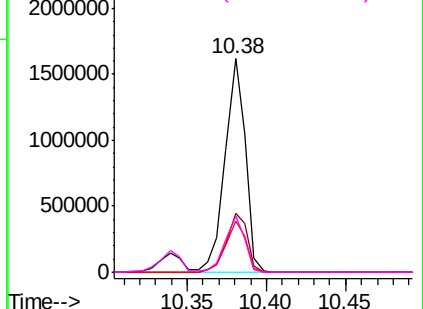
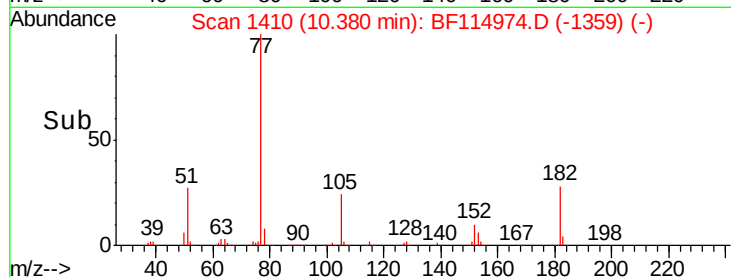


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.16 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

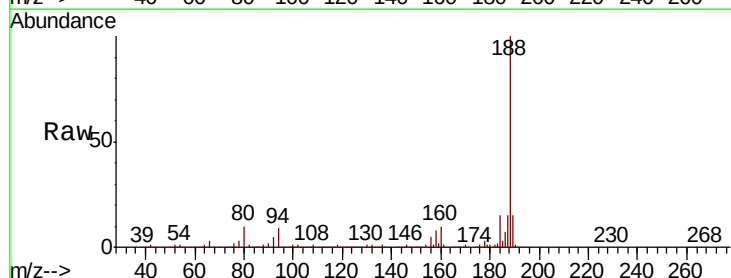
Tgt Ion: 188 Resp: 1069762

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.7	7.4	11.2

188 100

94 9.3 7.2 10.8

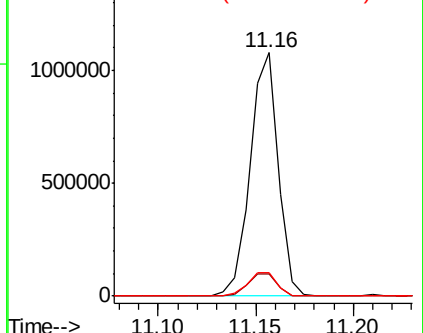
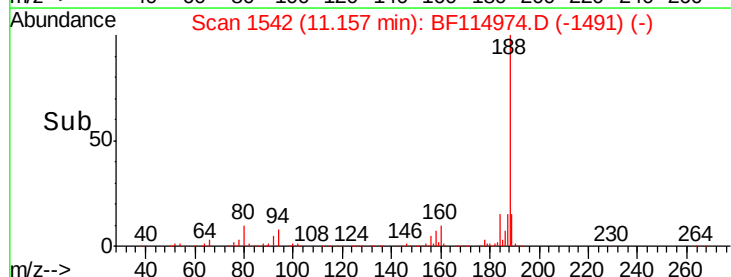
80 9.7 7.4 11.2

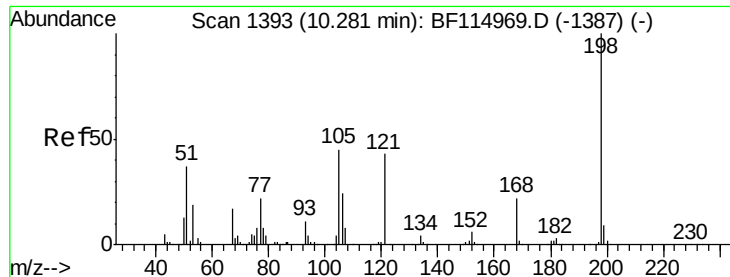


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.508 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampled :

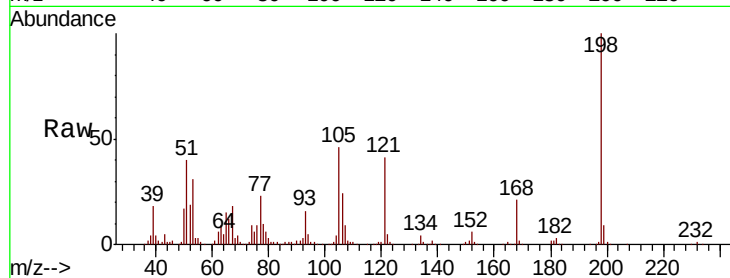
Tot Ion:198 Resp: 254869

Ion	Ratio	Lower	Upper
198	100		
51	40.2	23.0	63.0
105	45.6	26.5	66.5

198 100

51 40.2 23.0 63.0

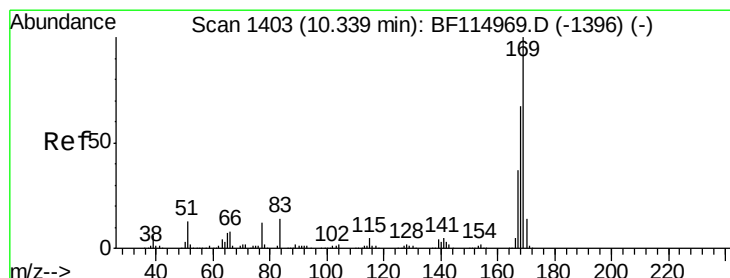
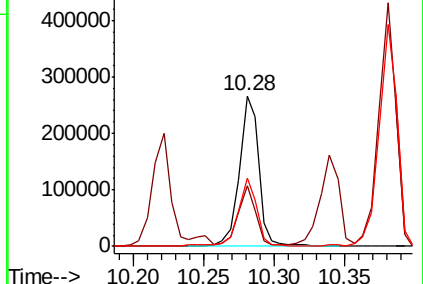
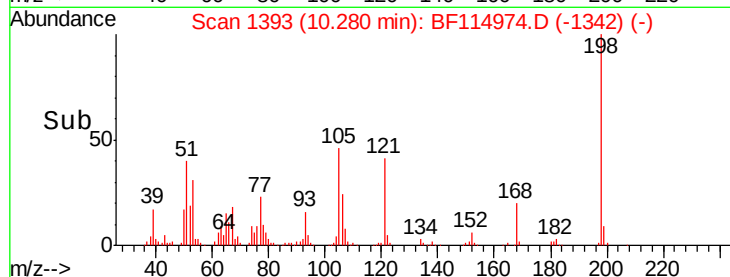
105 45.6 26.5 66.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.364 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

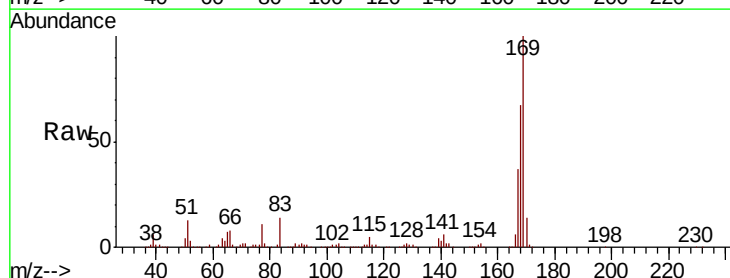
Tgt Ion:169 Resp: 1322700

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.6	80.4
167	36.6	29.6	44.4

169 100

168 66.7 53.6 80.4

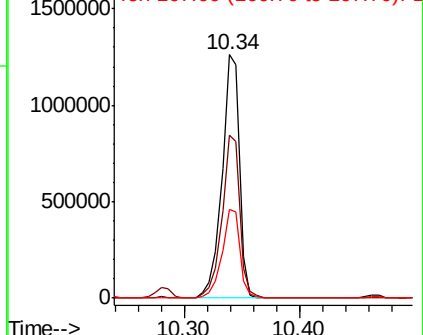
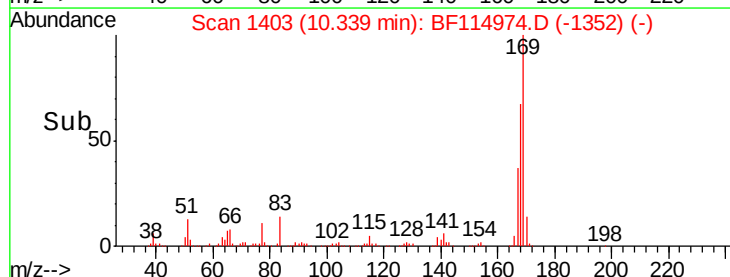
167 36.6 29.6 44.4

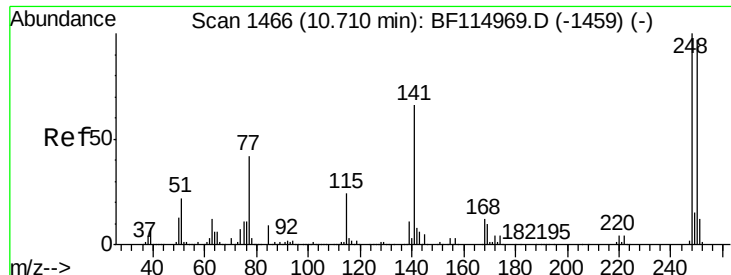


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

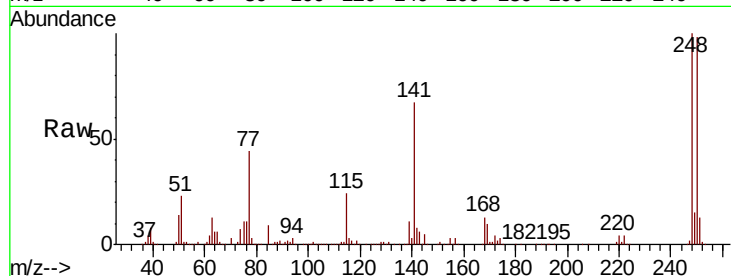




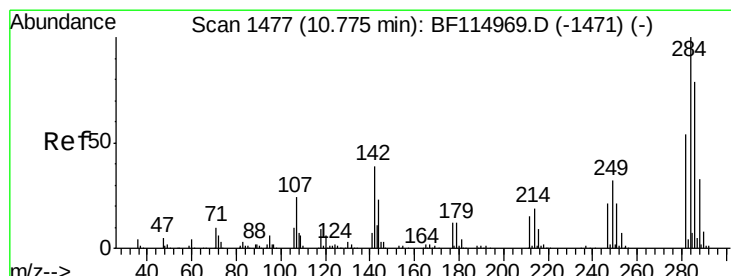
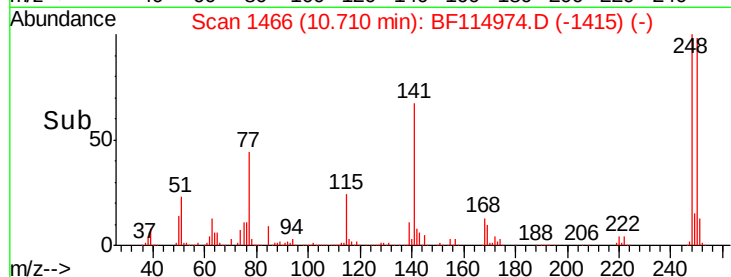
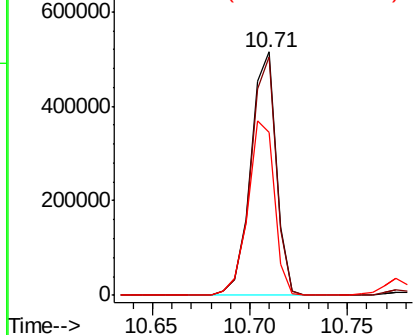
#67
 4-Bromophenyl-phenylether
 Concen: 40.809 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 468734
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.8 116.8
 141 66.8 53.1 79.7

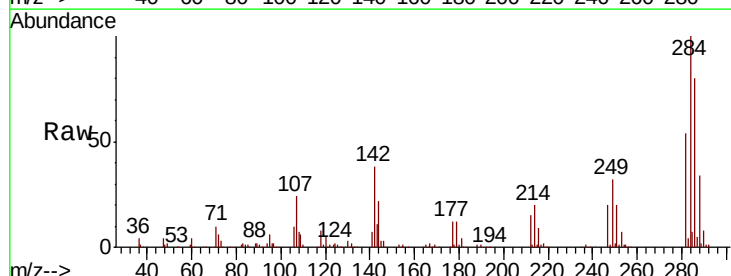


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

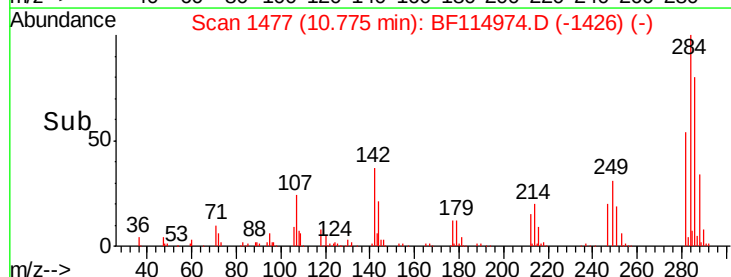
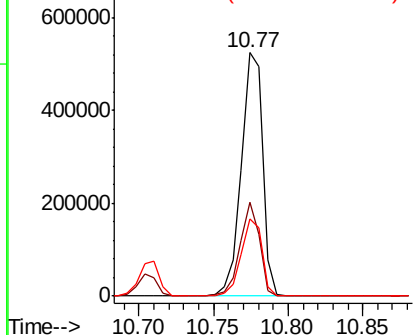


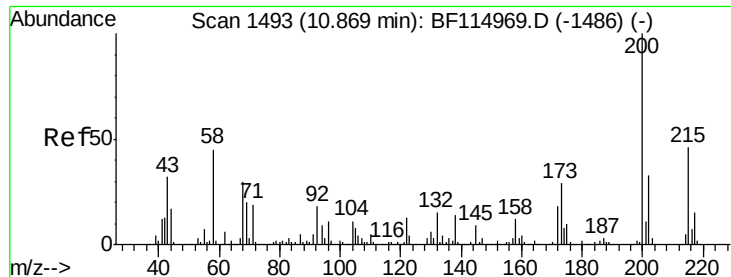
#68
 Hexachlorobenzene
 Concen: 41.293 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion:284 Resp: 522176
 Ion Ratio Lower Upper
 284 100
 142 38.5 31.5 47.3
 249 32.0 25.6 38.4



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

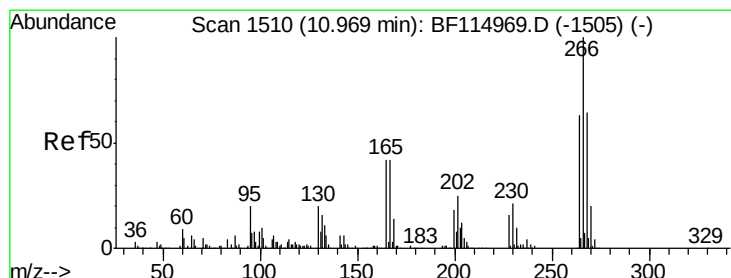
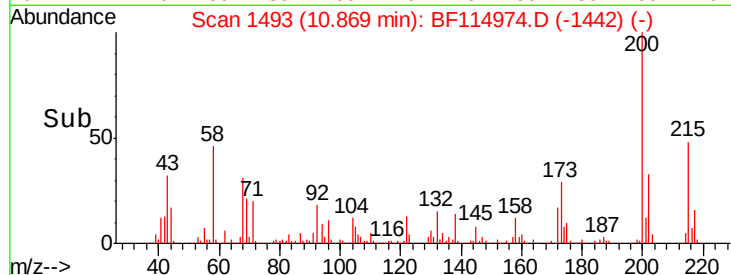
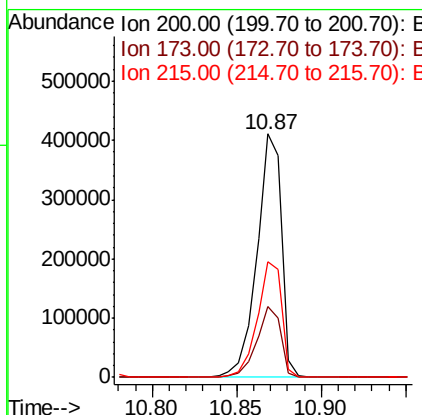
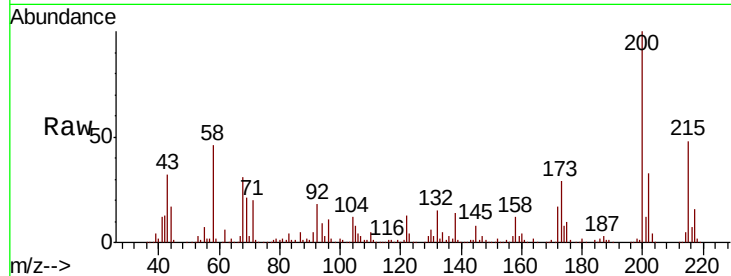




#69
 Atrazine
 Concen: 40.312 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

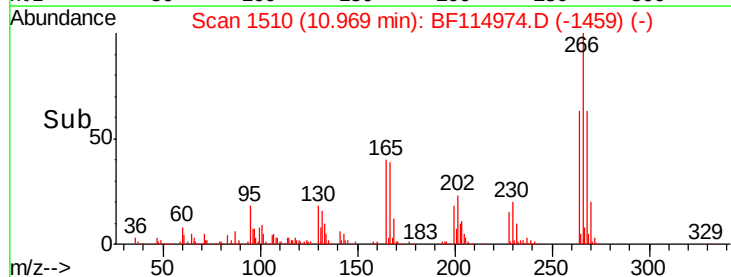
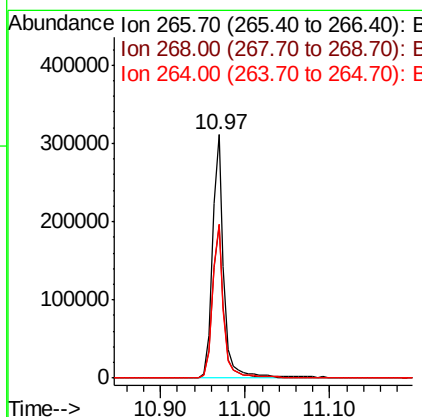
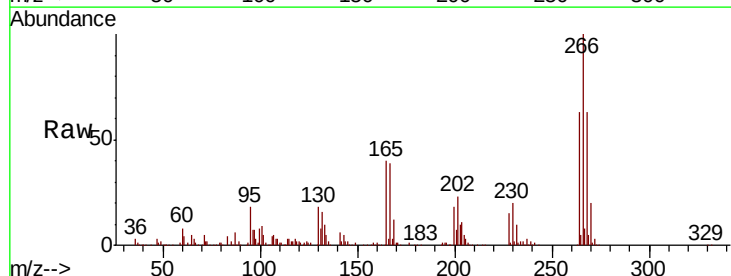
Instrument :
 BNA_F
 ClientSampleId :

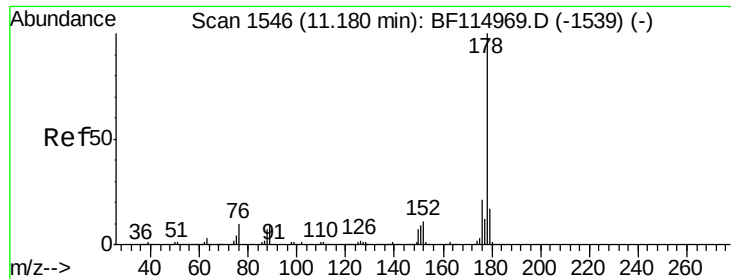
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	9.0	49.0
215	47.5	26.5	66.5



#70
 Pentachlorophenol
 Concen: 43.585 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.4	77.2
264	63.2	50.3	75.5

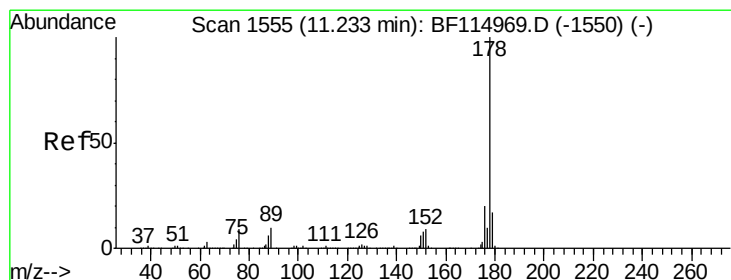
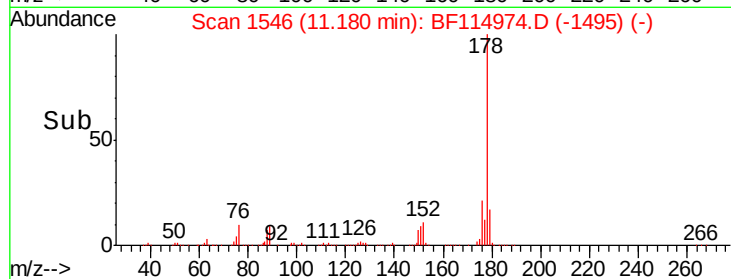
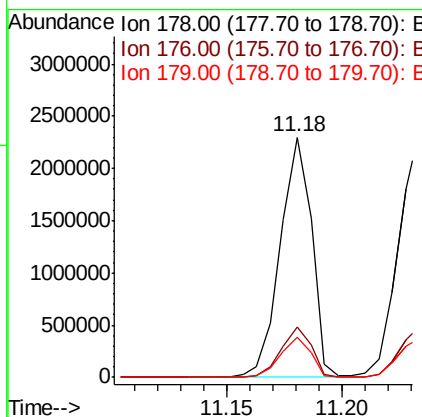
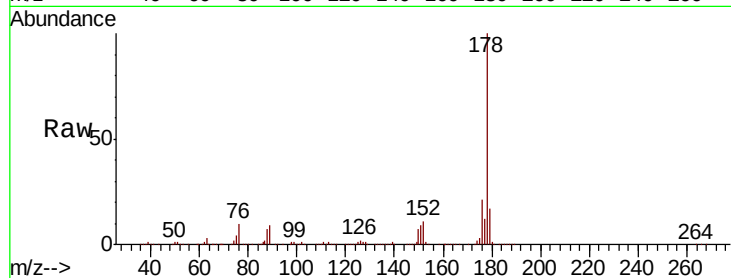




#71
Phenanthrene
Concen: 39.206 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

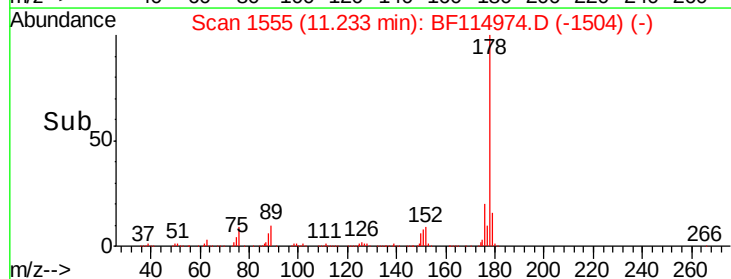
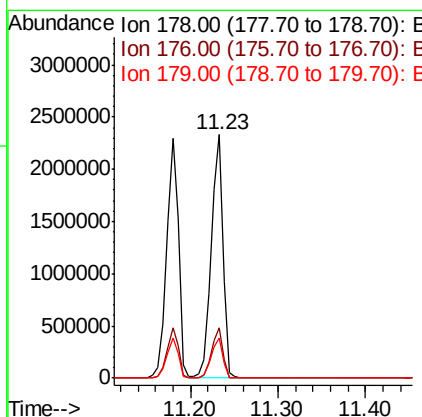
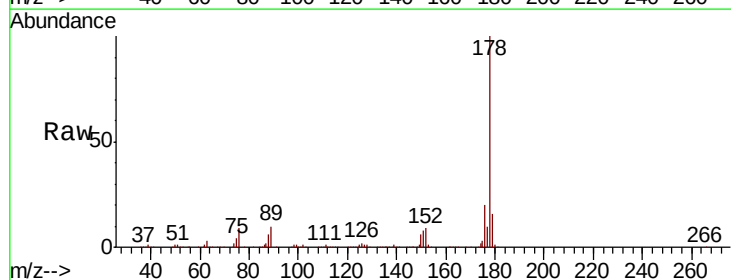
Instrument :
BNA_F
ClientSampleId :

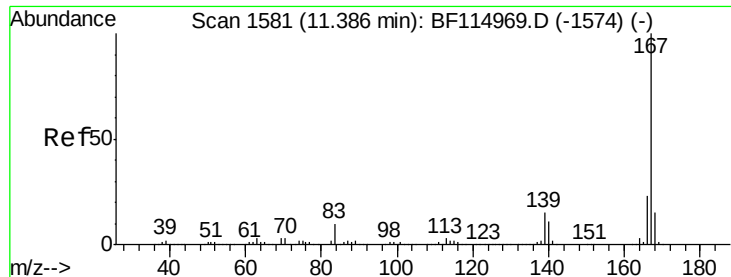
Tot Ion:178 Resp: 2165496
Ion Ratio Lower Upper
178 100
176 21.0 16.9 25.3
179 16.6 13.4 20.0



#72
Anthracene
Concen: 39.239 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion:178 Resp: 2186423
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.4 13.2 19.8

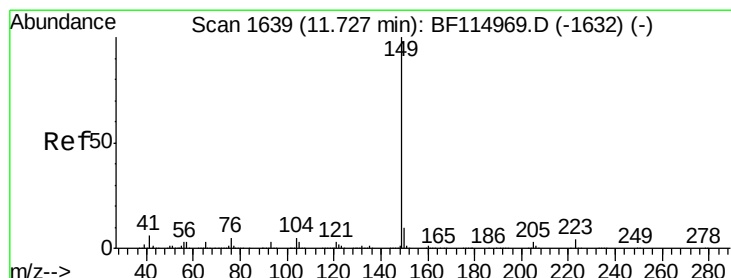
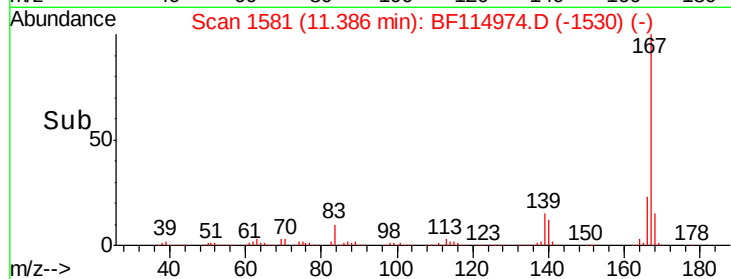
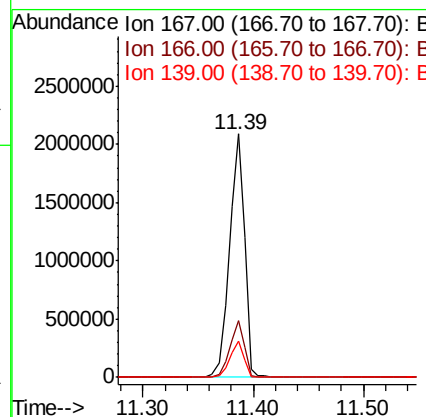
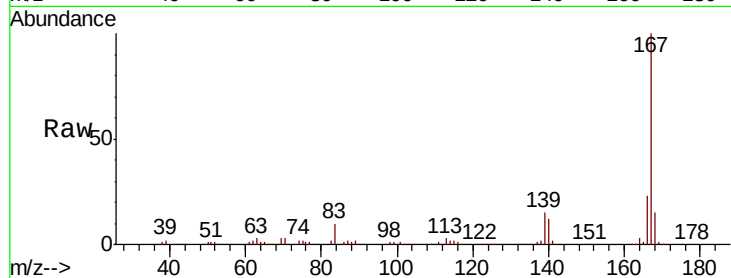




#73
 Carbazole
 Concen: 41.112 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

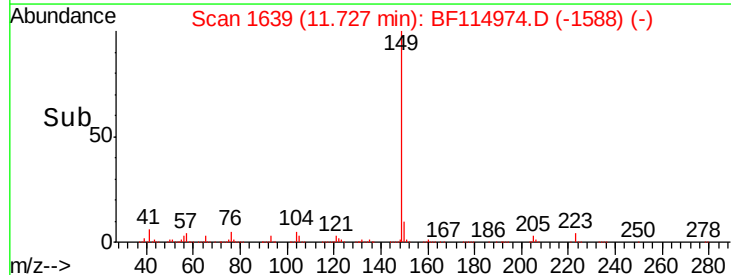
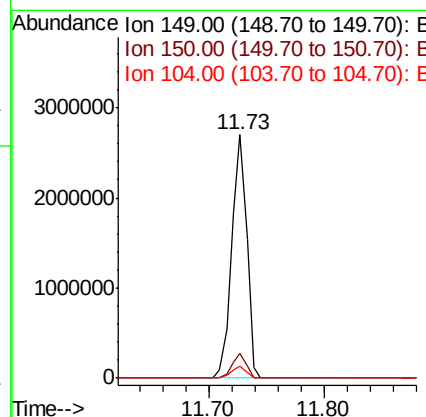
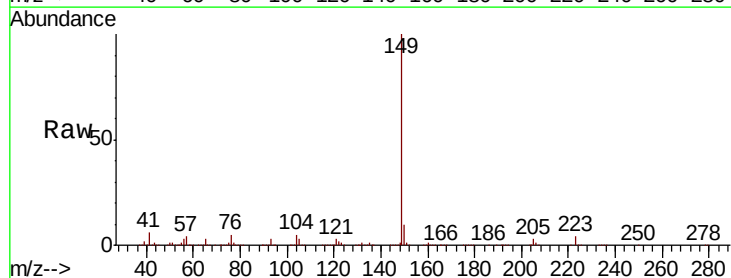
Instrument :
 BNA_F
 ClientSampleId :

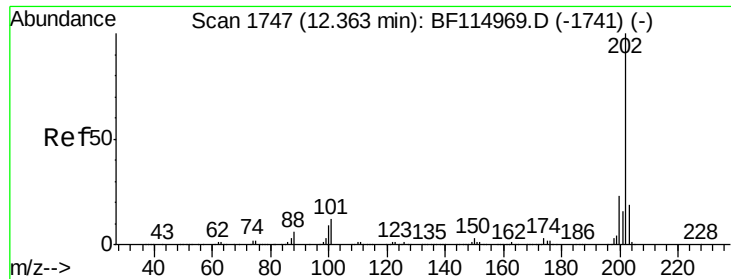
Tot Ion:167 Resp: 1999498
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.5 27.7
 139 14.9 12.0 18.0



#74
 Di-n-butylphthalate
 Concen: 39.394 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion:149 Resp: 2415405
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.1 12.1
 104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 39.307 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

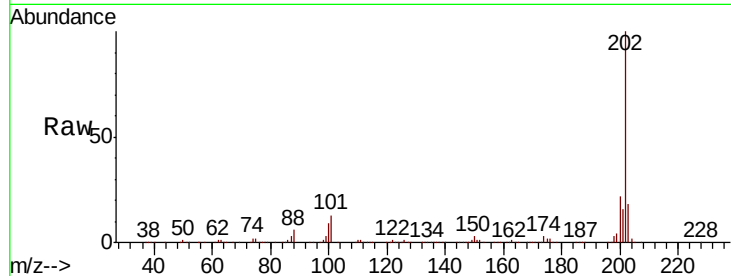
Tot Ion:202 Resp: 2220029

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.4

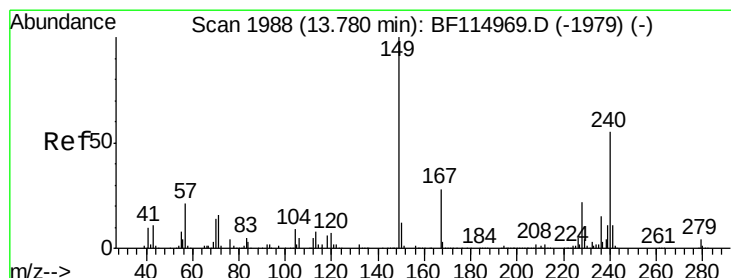
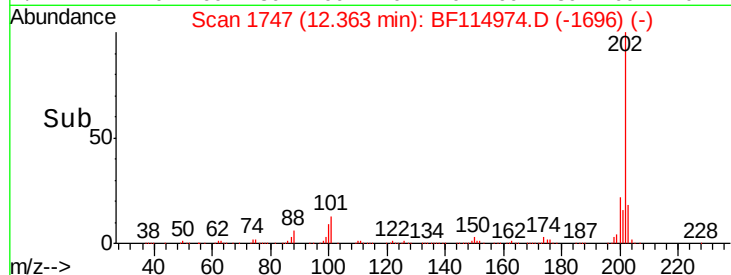
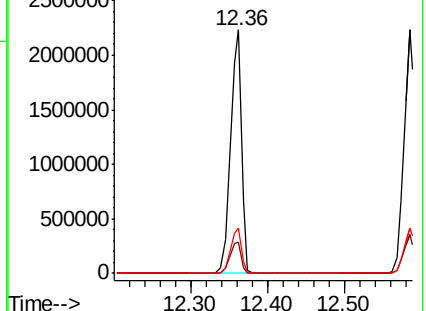
203 18.4 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

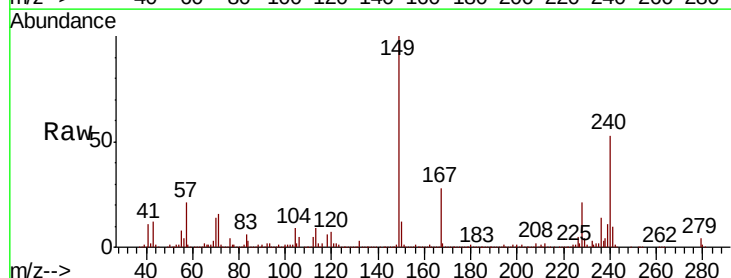
Tgt Ion:240 Resp: 648367

Ion Ratio Lower Upper

240 100

120 12.5 10.0 15.0

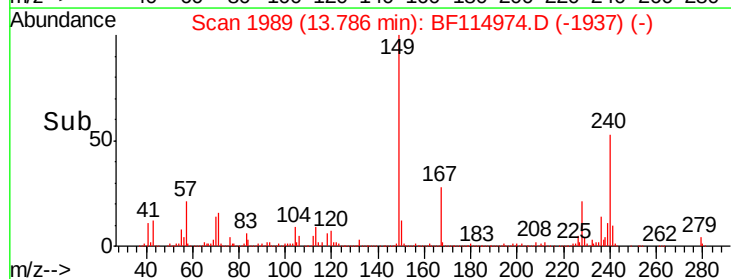
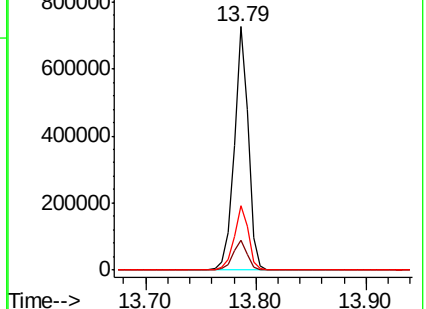
236 26.6 21.6 32.4

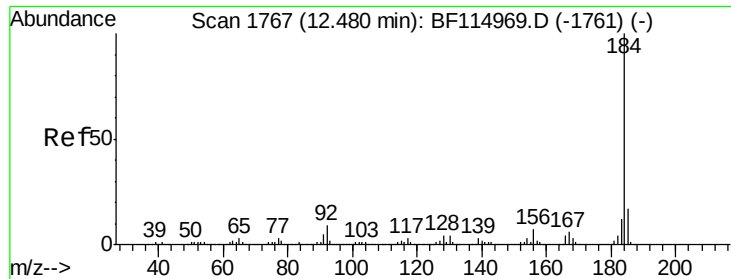


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.896 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampled :

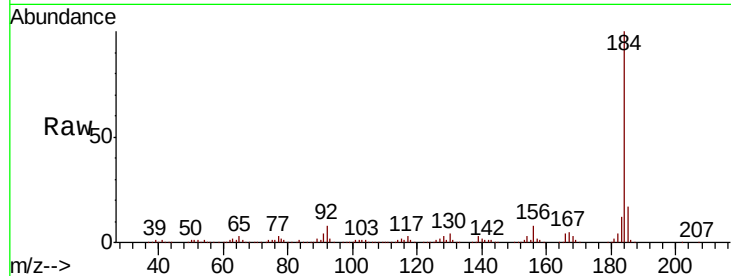
Tot Ion:184 Resp: 967607

Ion Ratio Lower Upper

184 100

185 17.3 13.4 20.0

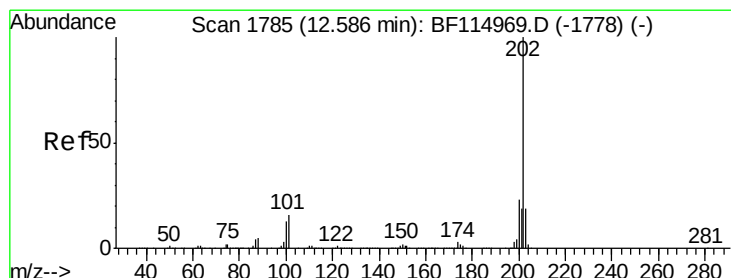
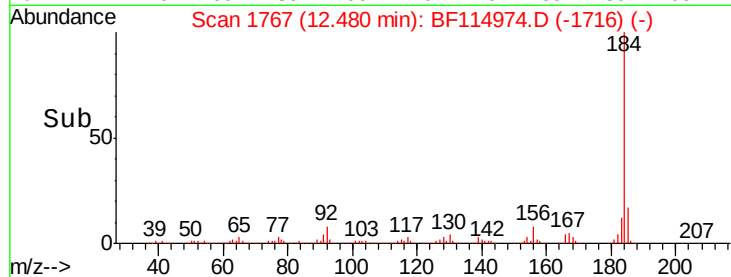
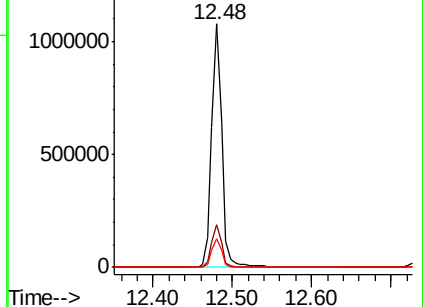
183 11.8 9.8 14.6



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: 37.926 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

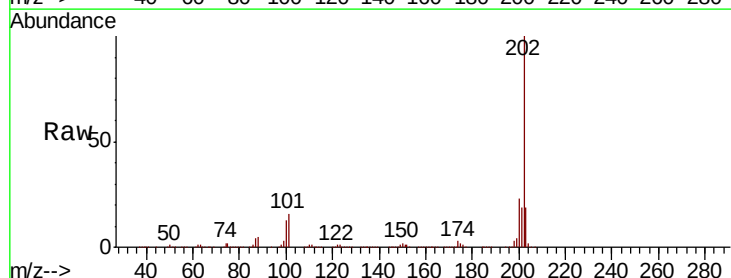
Tgt Ion:202 Resp: 2240106

Ion Ratio Lower Upper

202 100

200 23.4 18.4 27.6

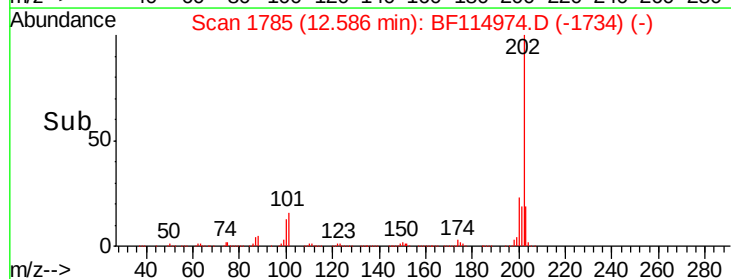
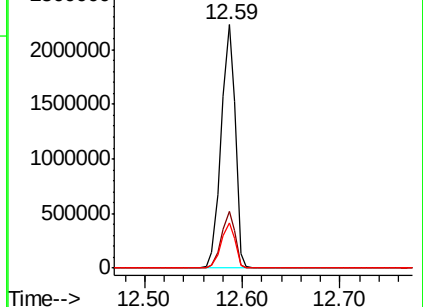
203 18.7 14.9 22.3

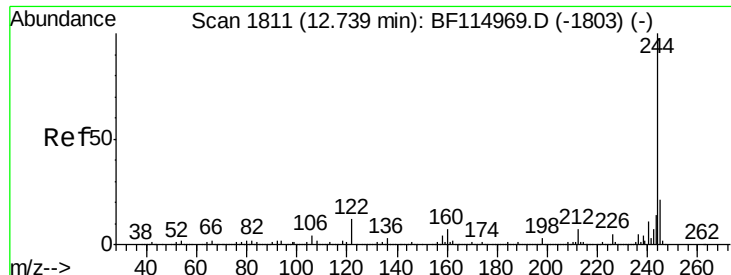


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.043 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampled :

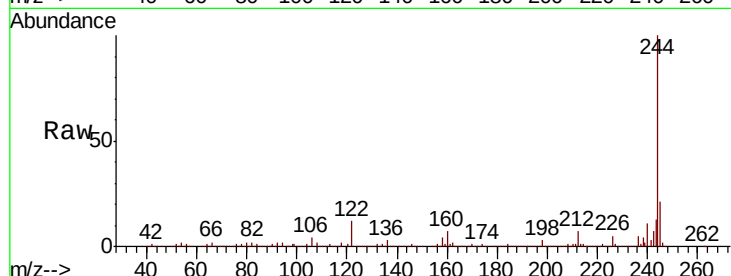
Tot Ion:244 Resp: 2586844

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

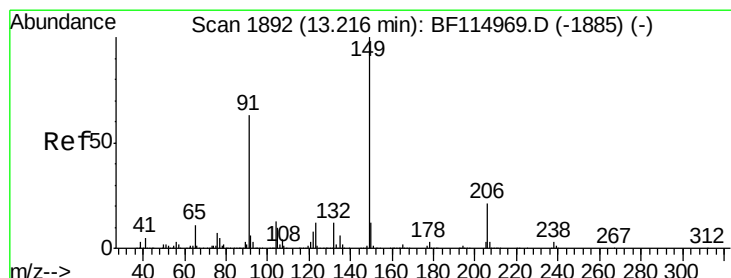
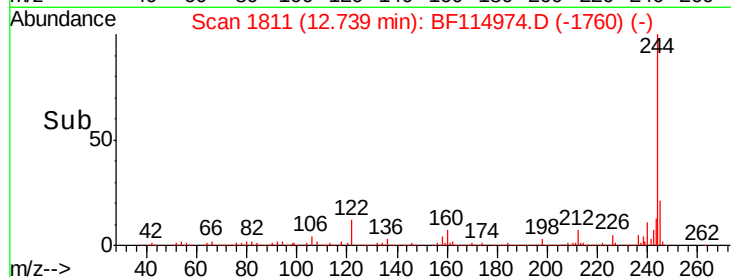
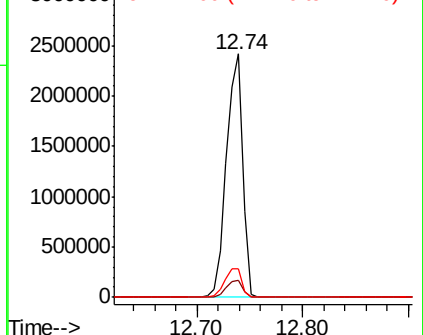
122 11.6 9.4 14.0



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: 39.005 ng

RT: 13.22 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

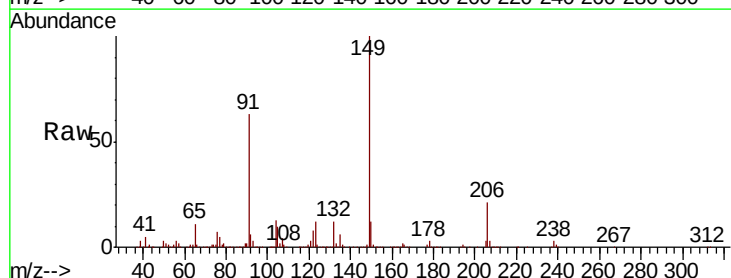
Tgt Ion:149 Resp: 1076063

Ion Ratio Lower Upper

149 100

91 63.5 50.6 76.0

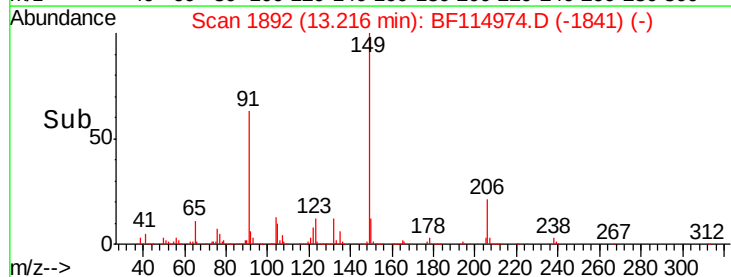
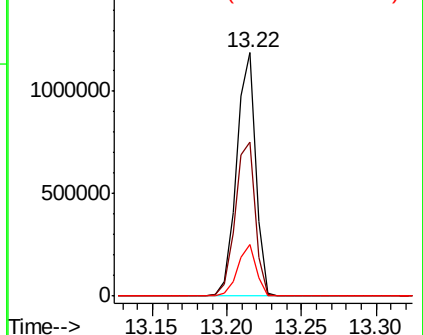
206 21.0 16.7 25.1

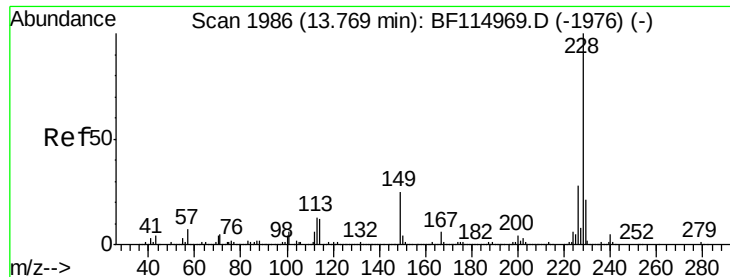


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.992 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

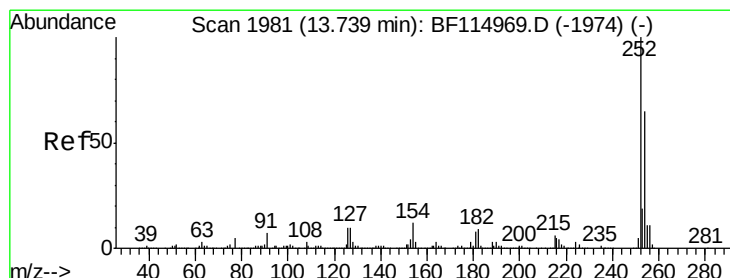
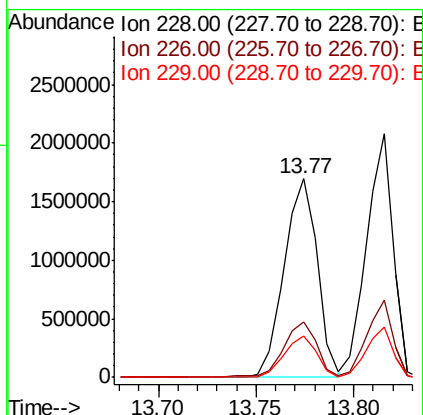
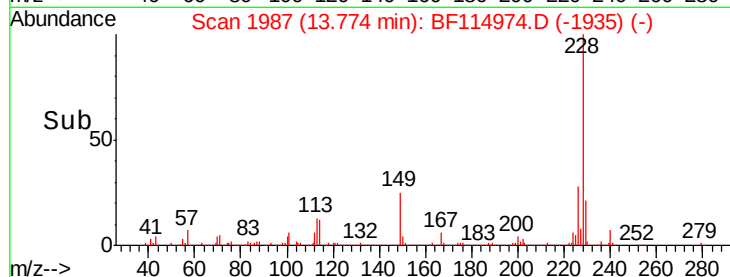
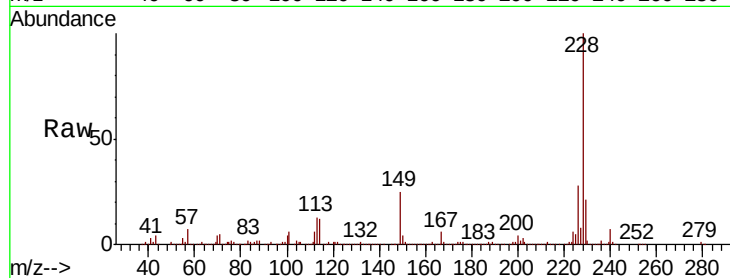
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1988864

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	20.7	16.6	25.0



#82

3,3'-Dichlorobenzidine

Concen: 41.436 ng

RT: 13.74 min Scan# 1981

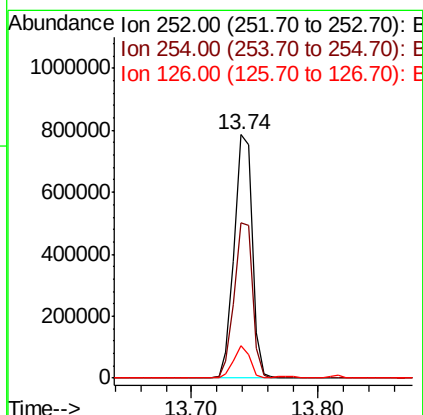
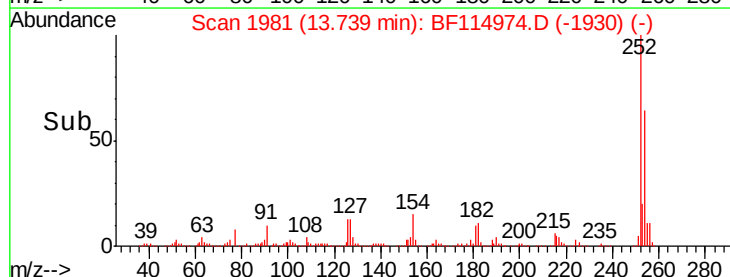
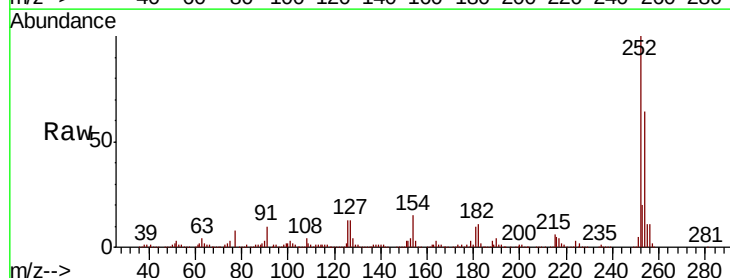
Delta R.T. -0.00 min

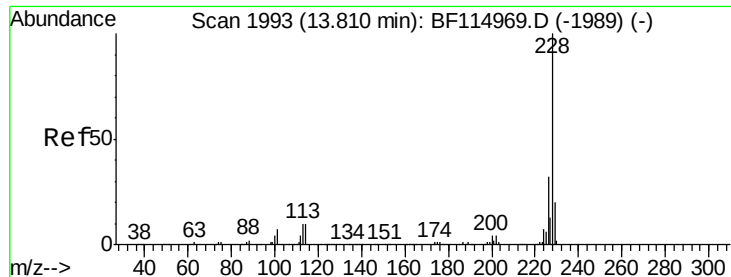
Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:252 Resp: 770766

Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.2	78.4
126	13.3	8.0	12.0

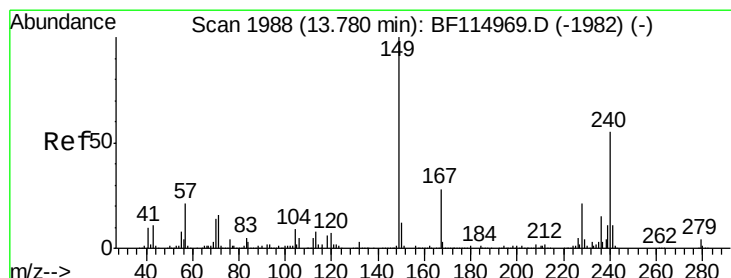
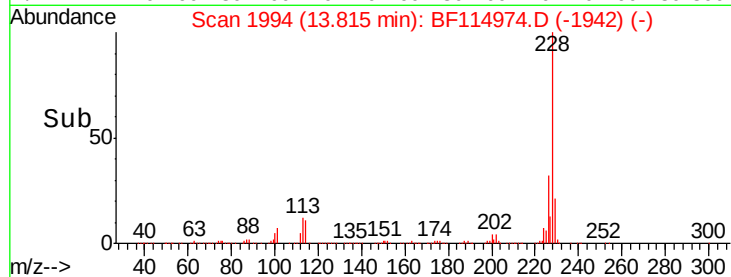
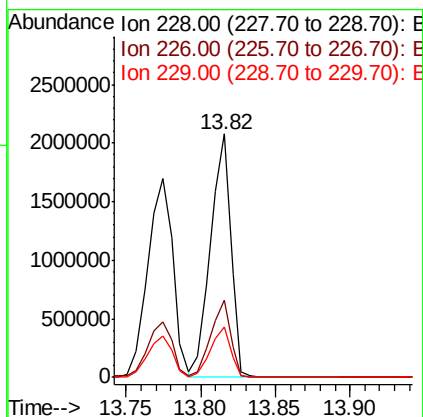
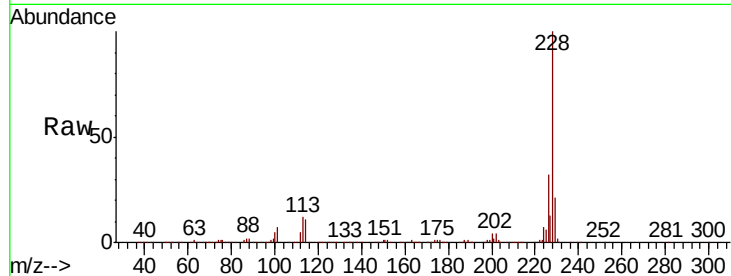




#83
 Chrysene
 Concen: 40.820 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.01 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

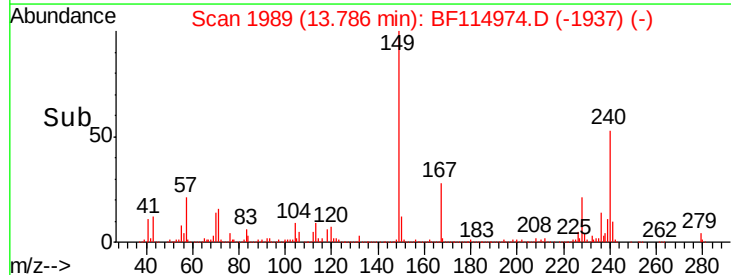
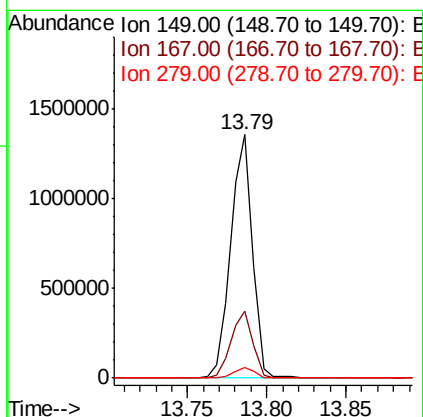
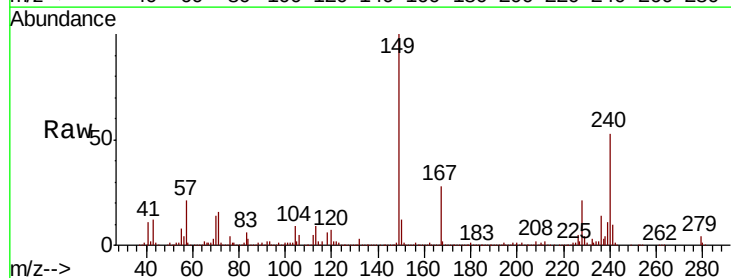
Instrument :
 BNA_F
 ClientSampleId :

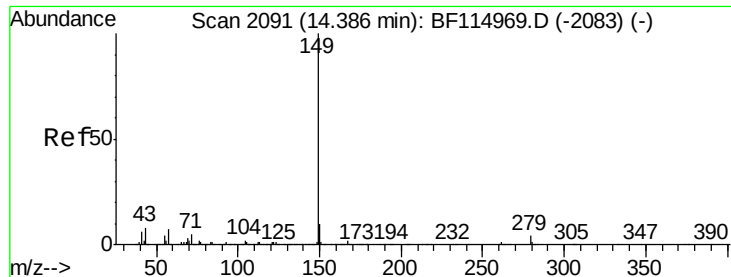
Tot Ion:228 Resp: 1969451
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.4 38.0
 229 20.8 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.420 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion:149 Resp: 1285329
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.2 33.4
 279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 41.893 ng

RT: 14.42 min Scan# 2096

Delta R.T. 0.03 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

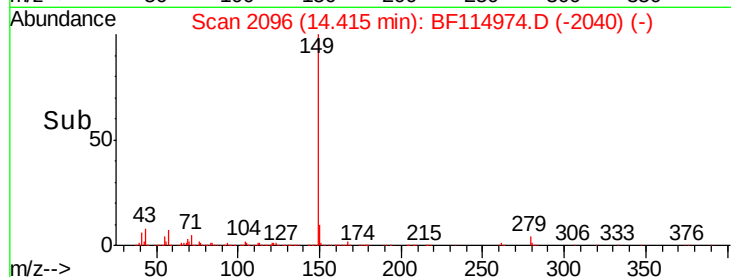
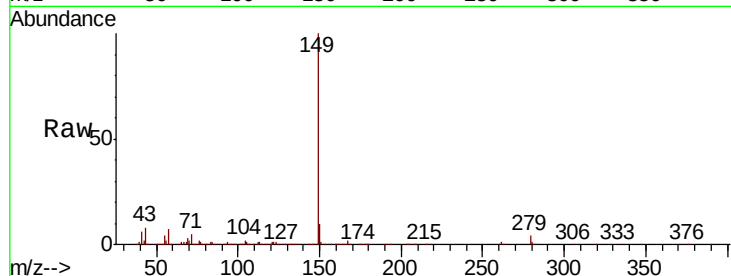
Tot Ion:149 Resp: 2352246

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

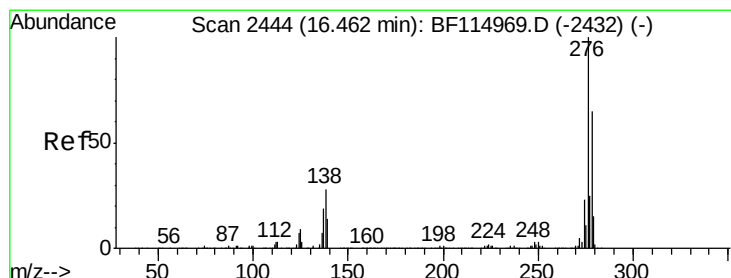
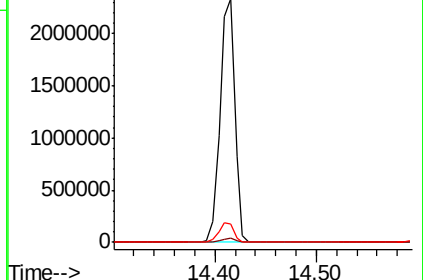
43 8.2 6.5 9.7



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: 41.437 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.05 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

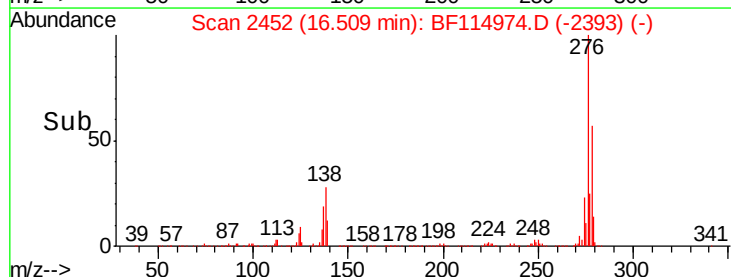
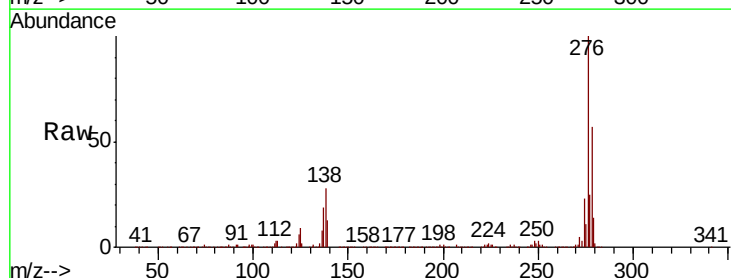
Tgt Ion:276 Resp: 1756150

Ion Ratio Lower Upper

276 100

138 28.6 23.0 34.4

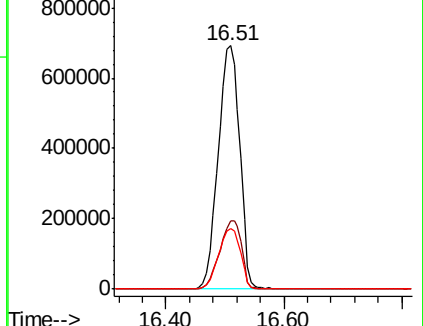
277 25.3 20.6 30.8

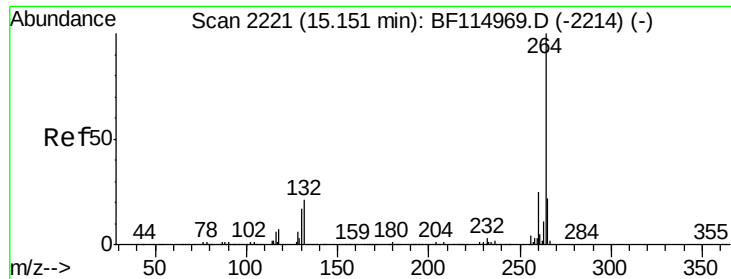


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



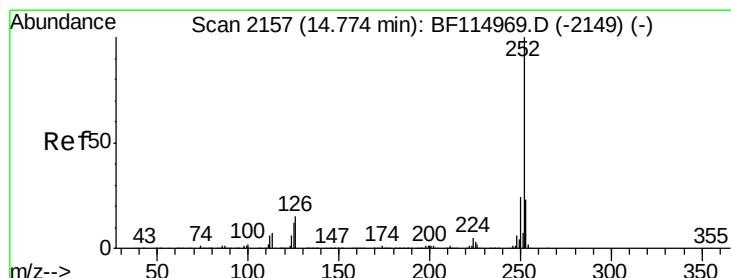
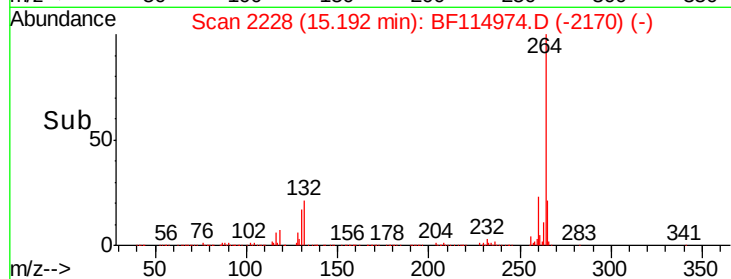
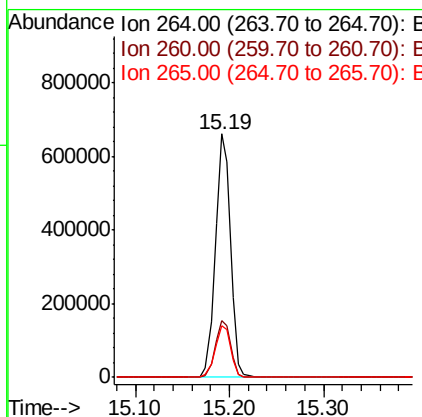
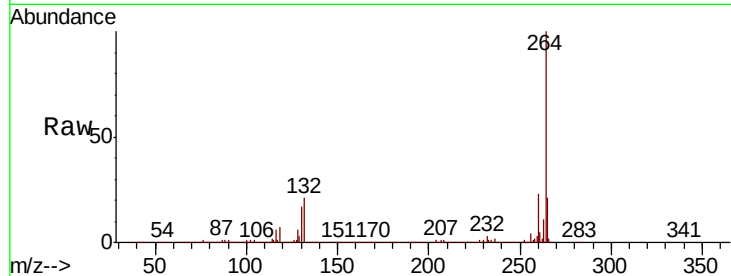


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.04 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 749012

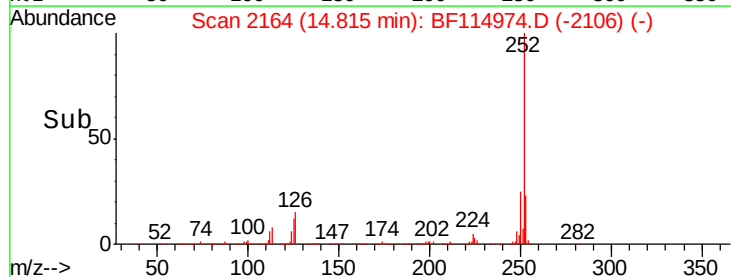
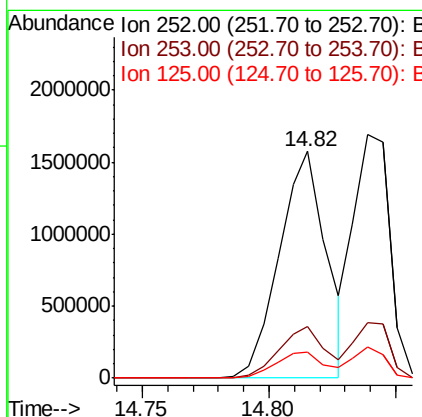
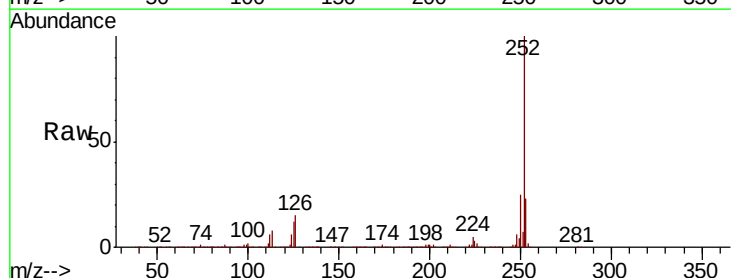
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.9	29.9
265	21.3	17.6	26.4

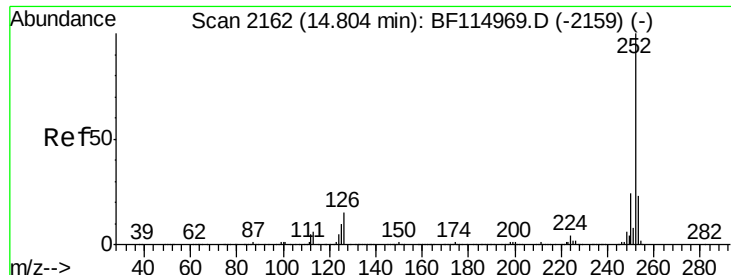


#88
Benzo(b)fluoranthene
Concen: 40.757 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.04 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion:252 Resp: 2029362

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.6	9.4	14.0

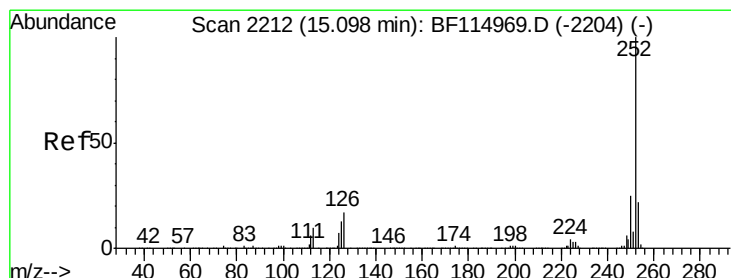
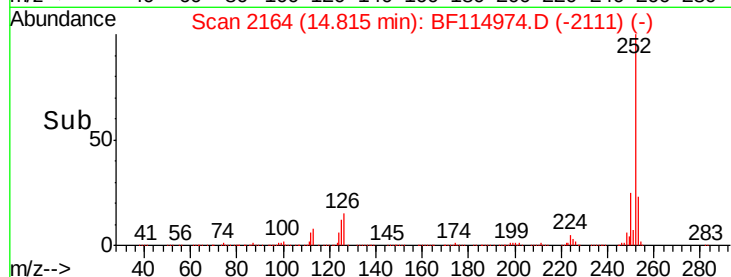
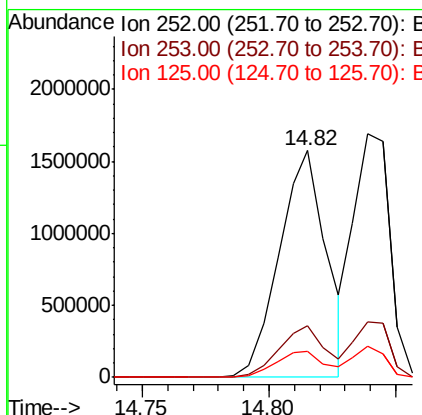
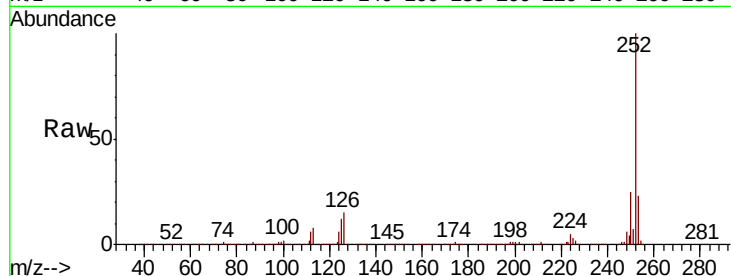




#89
Benzo(k)fluoranthene
Concen: 46.434 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

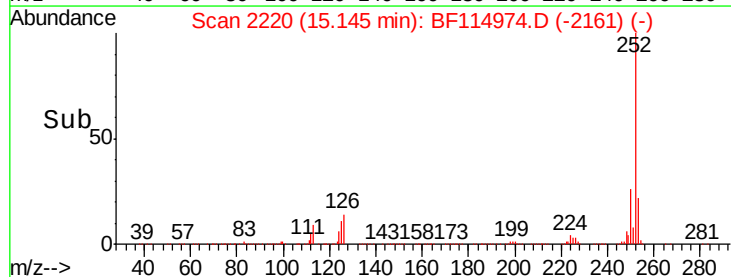
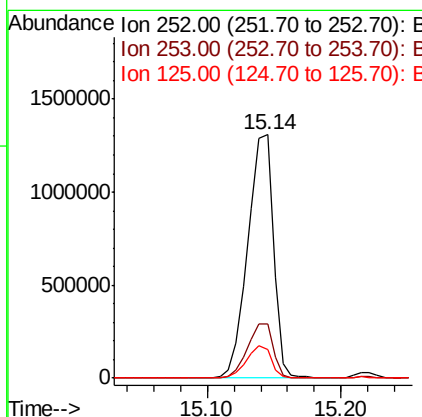
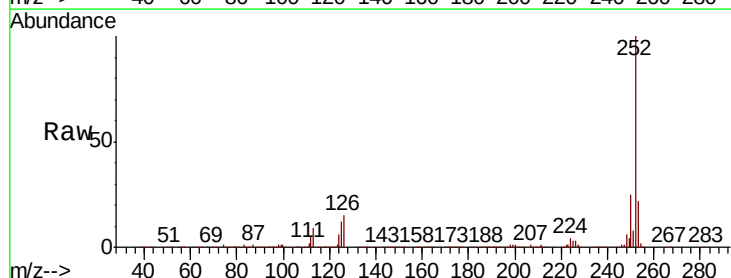
Instrument :
BNA_F
ClientSampleId :

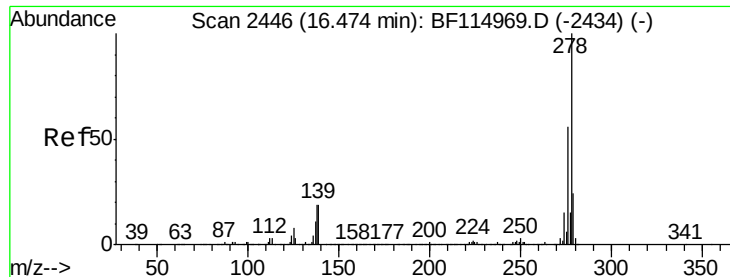
Tot Ion:252 Resp: 2029362
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 40.230 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.05 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion:252 Resp: 1728462
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.8 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 38.260 ng

RT: 16.53 min Scan# 2455

Delta R.T. 0.05 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

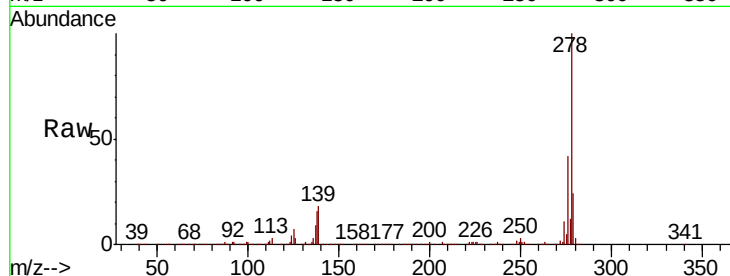
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 1415647

Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.3	22.9
279	24.1	19.2	28.8

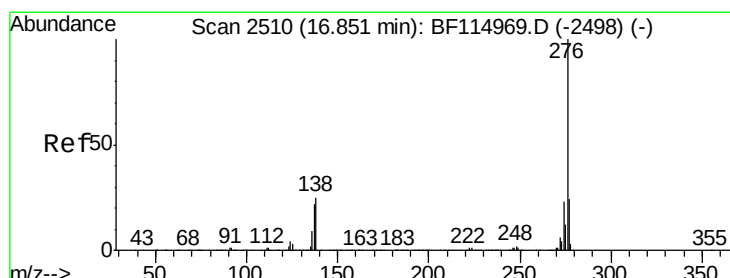
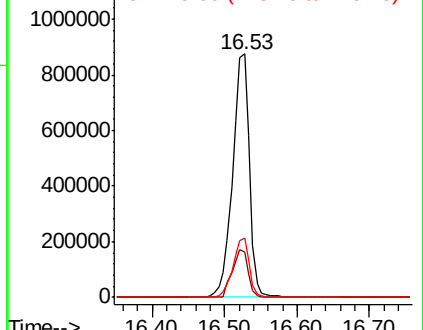
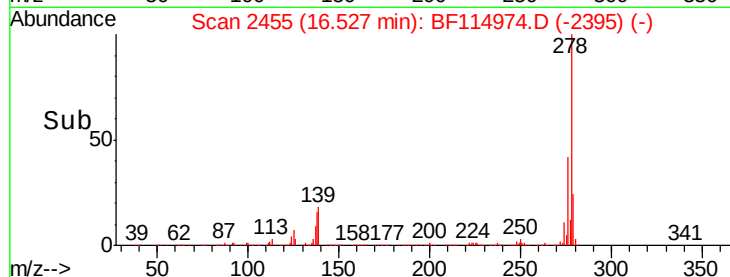


Abundance

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: 37.249 ng

RT: 16.90 min Scan# 2519

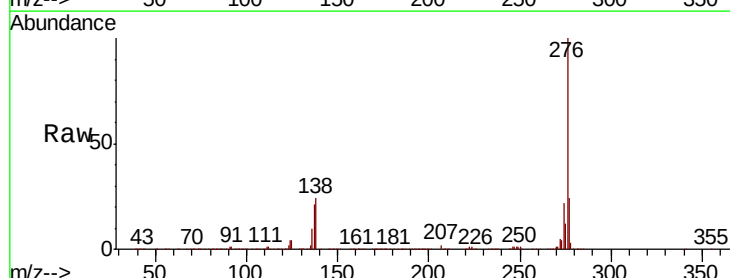
Delta R.T. 0.05 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:276 Resp: 1405618

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	24.4	20.2	30.4



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

