

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114926.D
 Acq On : 10 Jun 2019 10:57
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 10 12:36:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 12:30:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	281062	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1145905	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	569244	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1126760	20.00	ng	0.00
76) Chrysene-d12	13.79	240	777773	20.00	ng	0.00
87) Perylene-d12	15.16	264	849057	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	729604	45.36	ng	0.00
7) Phenol-d6	6.30	99	879295	44.93	ng	-0.01
23) Nitrobenzene-d5	7.22	82	778981	41.85	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	271552	44.27	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1597034	52.56	ng	0.00
79) Terphenyl-d14	12.74	244	1667212	41.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	160506	20.900	ng	98
3) Pyridine	2.97	79	416617	19.739	ng	99
4) n-Nitrosodimethylamine	2.89	42	151824	19.655	ng	97
6) Aniline	6.32	93	600217	21.612	ng	89
8) 2-Chlorophenol	6.44	128	407083	21.904	ng	95
9) Benzaldehyde	6.20	77	289035	21.290	ng	100
10) Phenol	6.31	94	497091	22.209	ng	89
11) bis(2-Chloroethyl)ether	6.39	93	366989	21.009	ng	98
12) 1,3-Dichlorobenzene	6.60	146	476344	21.996	ng	98
13) 1,4-Dichlorobenzene	6.67	146	482732	22.153	ng	99
14) 1,2-Dichlorobenzene	6.83	146	455053	23.123	ng	97
15) Benzyl Alcohol	6.80	79	323558	21.861	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	526160	21.061	ng	99
17) 2-Methylphenol	6.92	107	328549	20.682	ng	98
18) Hexachloroethane	7.17	117	170075	20.736	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	262525	20.263	ng	98
20) 3+4-Methylphenols	6.92	107	328549	18.751	ng	82
22) Acetophenone	7.07	105	555465	22.017	ng	97
24) Nitrobenzene	7.24	77	407294	21.120	ng	95
25) Isophorone	7.48	82	739976	20.108	ng	98
26) 2-Nitrophenol	7.56	139	215790	20.660	ng	100
27) 2,4-Dimethylphenol	7.60	122	328231	20.676	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	494237	21.010	ng	99
29) 2,4-Dichlorophenol	7.80	162	348386	20.859	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	405681	21.169	ng	96
31) Naphthalene	7.96	128	1209568	23.446	ng	97
32) Benzoic acid	7.70	122	208108	17.999	ng	97
33) 4-Chloroaniline	8.01	127	532216	21.625	ng	99
34) Hexachlorobutadiene	8.09	225	229765	21.088	ng	99
35) Caprolactam	8.36	113	111237	20.388	ng	91
36) 4-Chloro-3-methylphenol	8.50	107	348267	20.955	ng	95
37) 2-Methylnaphthalene	8.65	142	801683	22.404	ng	99
38) 1-Methylnaphthalene	8.75	142	761823	22.450	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	367475	22.401	ng	99

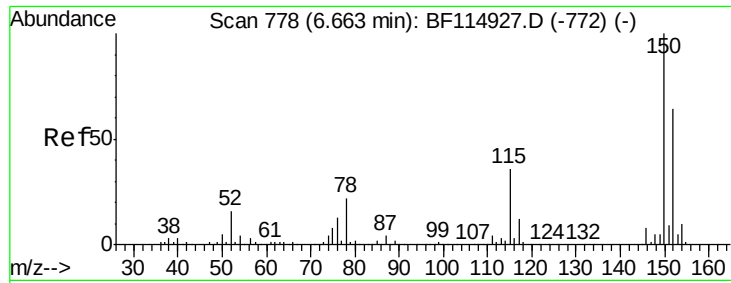
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114926.D
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 Operator : HP/JU
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 QLast Update : Mon Jun 10 12:30:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	184292	18.523	ng	98
43) 2,4,6-Trichlorophenol	8.93	196	258986	20.303	ng	98
44) 2,4,5-Trichlorophenol	8.97	196	270419	21.050	ng	99
46) 1,1'-Biphenyl	9.12	154	990130	23.469	ng	98
47) 2-Chloronaphthalene	9.13	162	796731	22.224	ng	97
48) 2-Nitroaniline	9.23	65	221601	20.714	ng	91
49) Acenaphthylene	9.55	152	1231940	23.697	ng	98
50) Dimethylphthalate	9.42	163	919709	22.121	ng	99
51) 2,6-Dinitrotoluene	9.47	165	201756	20.634	ng	91
52) Acenaphthene	9.72	154	728316	21.386	ng	99
53) 3-Nitroaniline	9.64	138	244130	21.373	ng	93
54) 2,4-Dinitrophenol	9.75	184	83821	18.945	ng	93
55) Dibenzofuran	9.89	168	1071933	22.636	ng	96
56) 4-Nitrophenol	9.80	139	164576	19.663	ng	98
57) 2,4-Dinitrotoluene	9.87	165	266500	21.682	ng	90
58) Fluorene	10.23	166	800184	23.558	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	219441	20.849	ng	99
60) Diethylphthalate	10.12	149	916444	21.967	ng	98
61) 4-Chlorophenyl-phenylether	10.23	204	399960	22.051	ng	99
62) 4-Nitroaniline	10.25	138	245738	22.181	ng	95
63) Azobenzene	10.39	77	802831	22.607	ng	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	116975	19.985	ng	98
66) n-Nitrosodiphenylamine	10.35	169	734643	21.562	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	263545	20.594	ng	92
68) Hexachlorobenzene	10.78	284	291258	20.796	ng	100
69) Atrazine	10.87	200	248150	20.942	ng	98
70) Pentachlorophenol	10.97	266	144217	17.812	ng	98
71) Phenanthrene	11.19	178	1259056	23.407	ng	97
72) Anthracene	11.24	178	1282322	22.652	ng	97
73) Carbazole	11.39	167	1138759	23.466	ng	97
74) Di-n-butylphthalate	11.73	149	1468137	23.002	ng	98
75) Fluoranthene	12.37	202	1304532	23.301	ng	94
77) Benzidine	12.49	184	767057	19.922	ng	98
78) Pyrene	12.59	202	1328475	19.689	ng	97
80) Butylbenzylphthalate	13.22	149	631864	18.545	ng	96
81) Benzo(a)anthracene	13.77	228	1179172	19.674	ng	98
82) 3,3'-Dichlorobenzidine	13.74	252	481988	19.832	ng	98
83) Chrysene	13.81	228	1157143	19.846	ng	97
84) Bis(2-ethylhexyl)phthalate	13.79	149	818044	18.987	ng	100
85) Di-n-octyl phthalate	14.39	149	1462297	19.975	ng	99
86) Indeno(1,2,3-cd)pyrene	16.47	276	1008974	15.167	ng	100
88) Benzo(b)fluoranthene	14.78	252	1147622	21.232	ng	98
89) Benzo(k)fluoranthene	14.80	252	1067651	23.259	ng	98
90) Benzo(a)pyrene	15.10	252	1017142	21.741	ng	99
91) Dibenzo(a,h)anthracene	16.48	278	836263	18.875	ng	99
92) Benzo(g,h,i)perylene	16.86	276	790873	17.751	ng	98

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

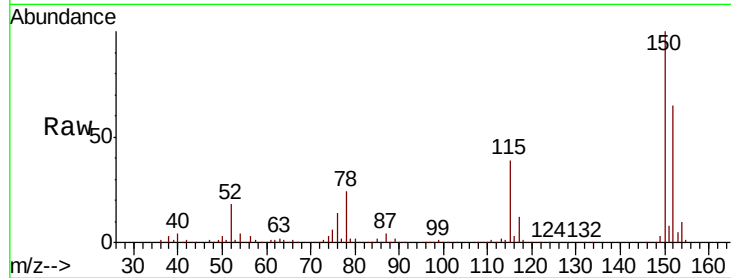


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.2	187.8
115	59.1	45.0	67.4

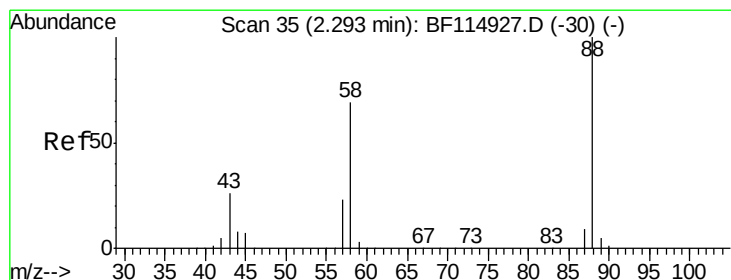
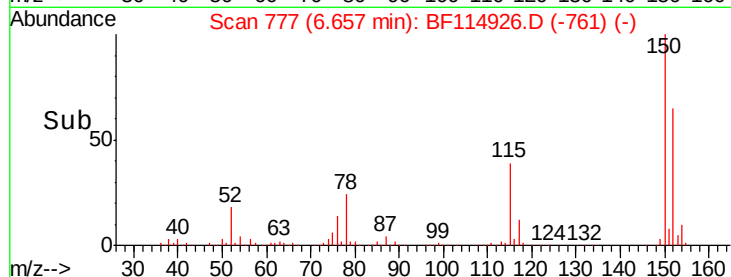
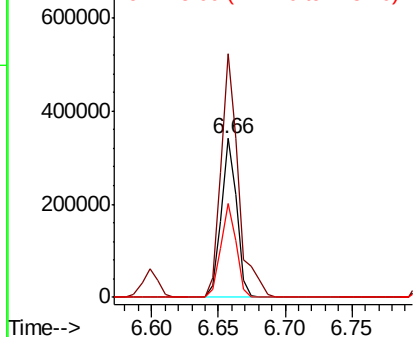


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

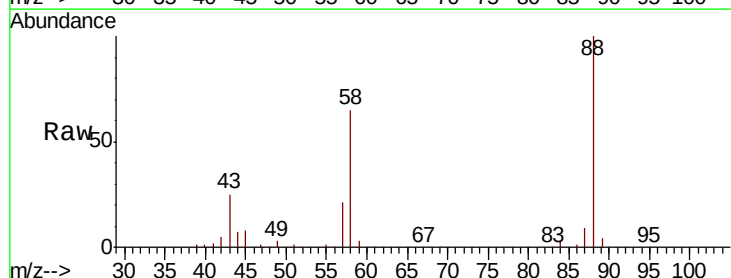
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 20.900 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	54.2	81.2
43	25.0	20.6	30.8

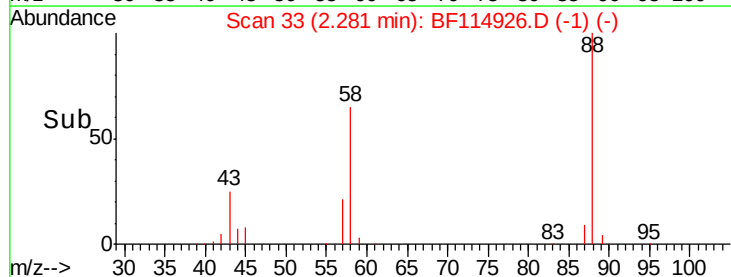
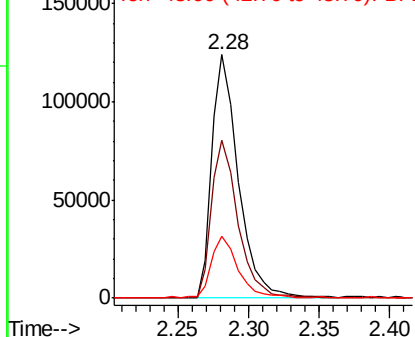


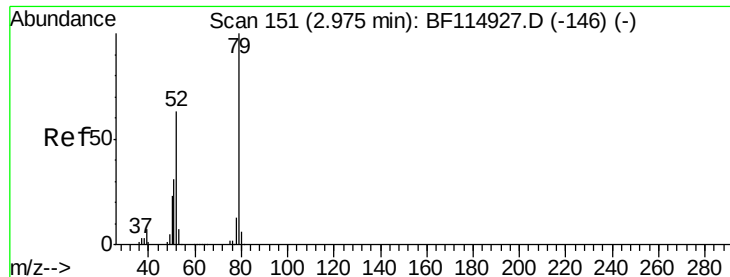
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 19.739 ng

RT: 2.97 min Scan# 150

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

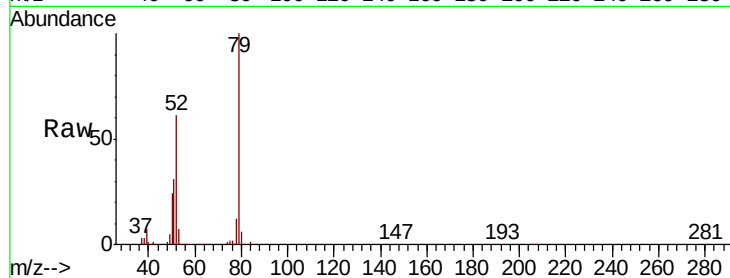
Tot Ion: 79 Resp: 416617

Ion Ratio Lower Upper

79 100

52 61.2 50.2 75.2

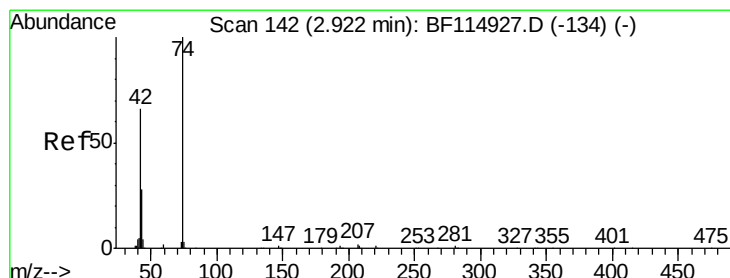
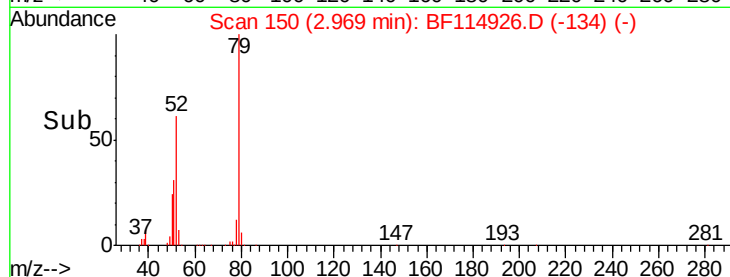
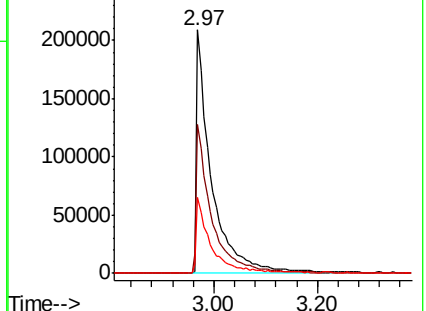
51 30.9 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 19.655 ng

RT: 2.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

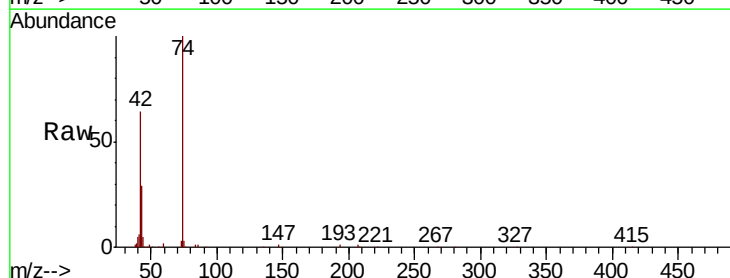
Tgt Ion: 42 Resp: 151824

Ion Ratio Lower Upper

42 100

74 156.6 121.9 182.9

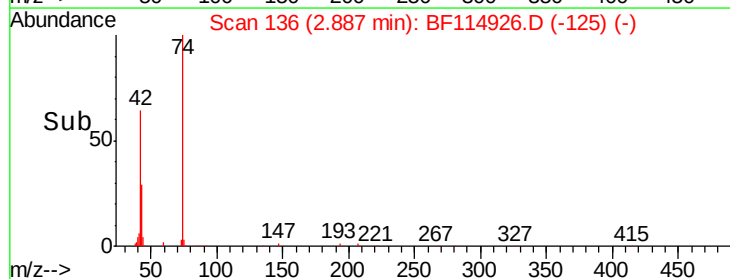
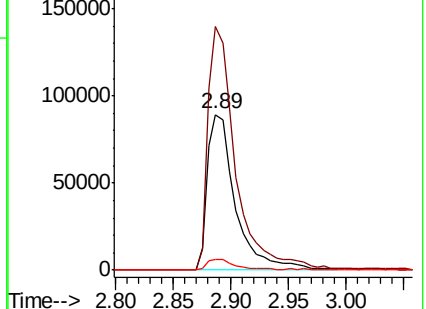
44 7.1 5.1 7.7

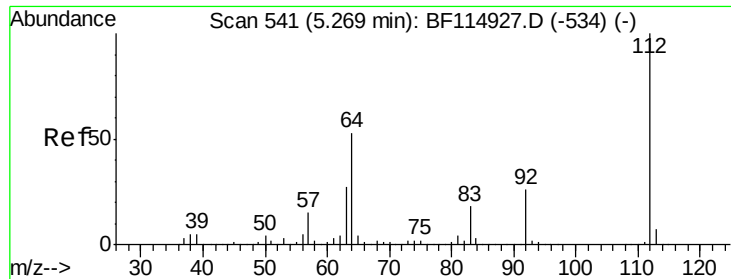


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 45.359 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

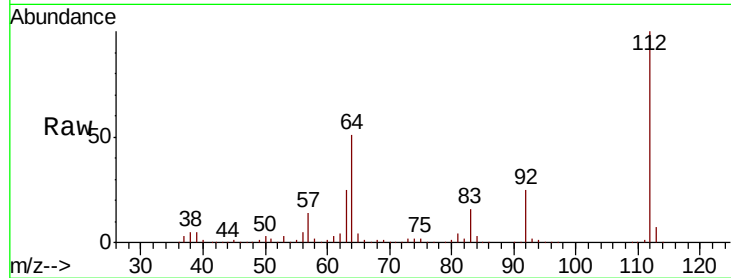
Tot Ion:112 Resp: 729604

Ion Ratio Lower Upper

112 100

64 50.6 42.1 63.1

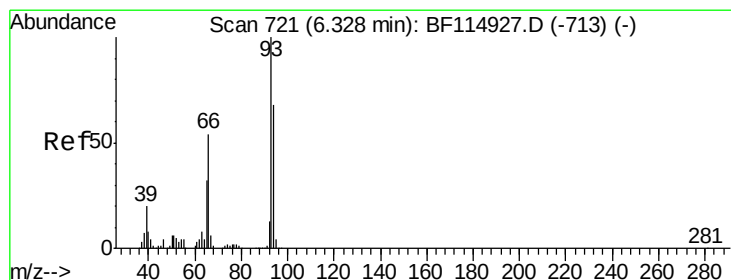
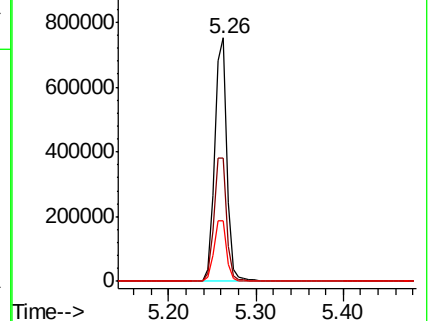
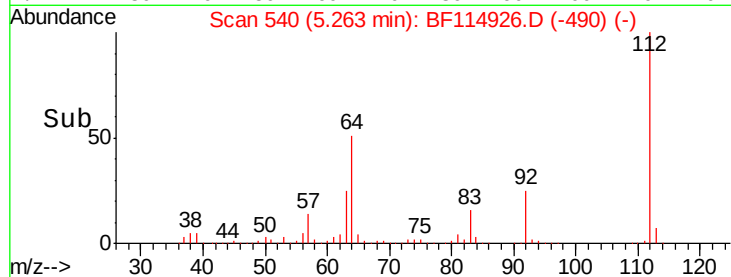
63 25.1 21.8 32.8



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: 21.612 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

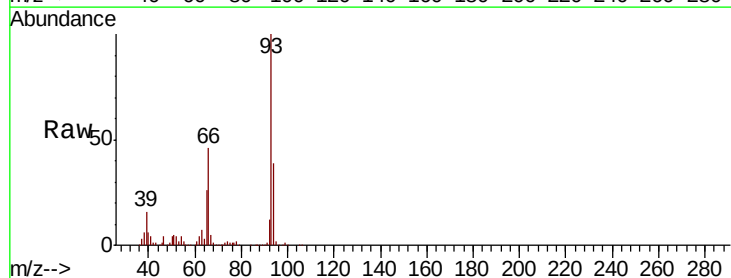
Tgt Ion: 93 Resp: 600217

Ion Ratio Lower Upper

93 100

66 46.2 43.6 65.4

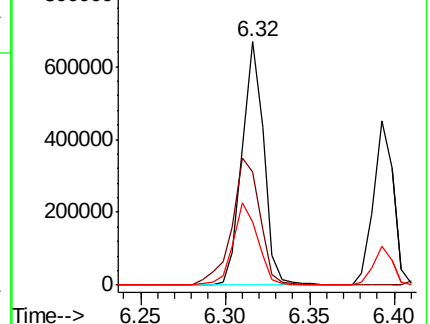
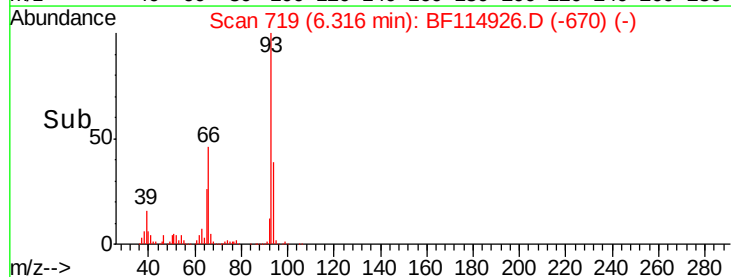
65 25.8 25.7 38.5

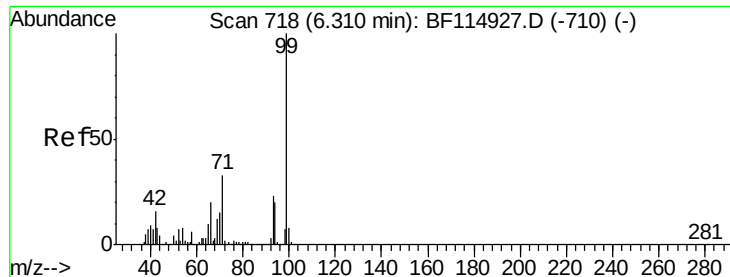


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 44.926 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

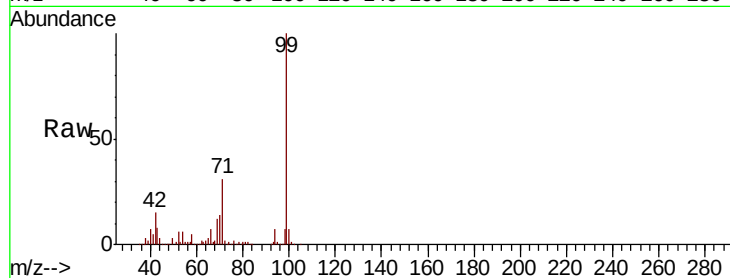
Tot Ion: 99 Resp: 879295

Ion Ratio Lower Upper

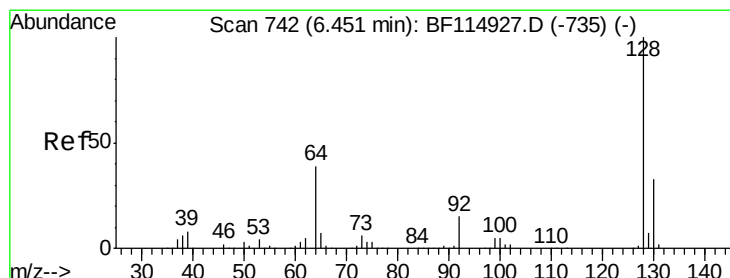
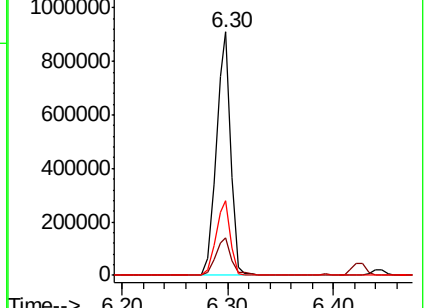
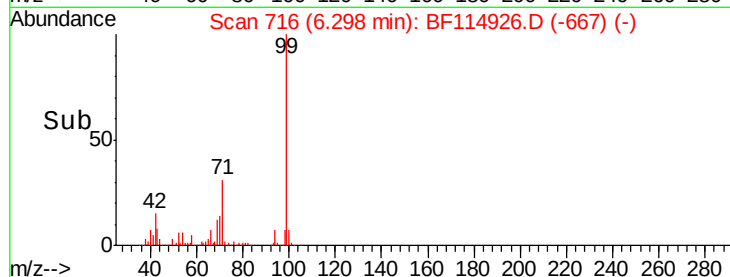
99 100

42 15.3 13.1 19.7

71 30.7 26.8 40.2



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



#8

2-Chlorophenol

Concen: 21.904 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

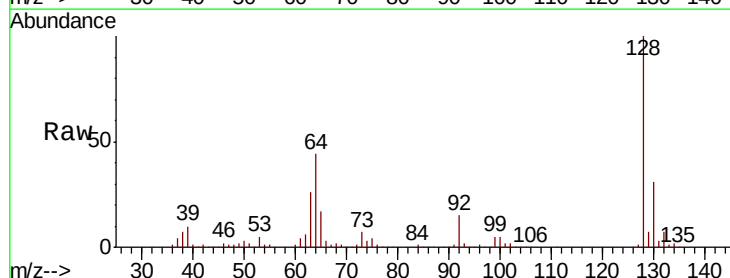
Tgt Ion: 128 Resp: 407083

Ion Ratio Lower Upper

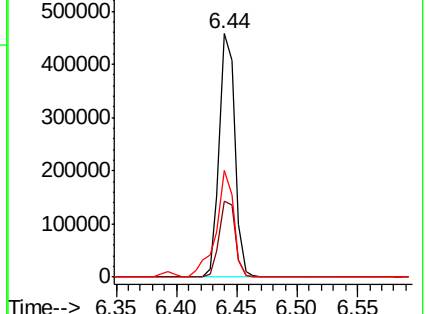
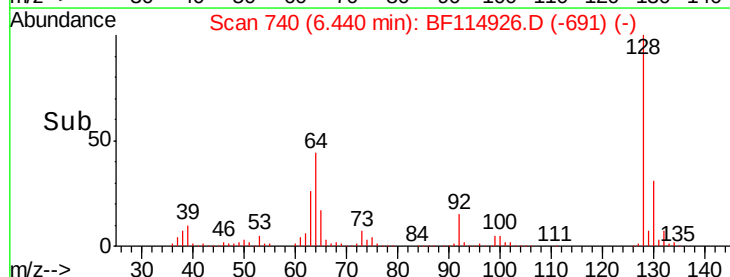
128 100

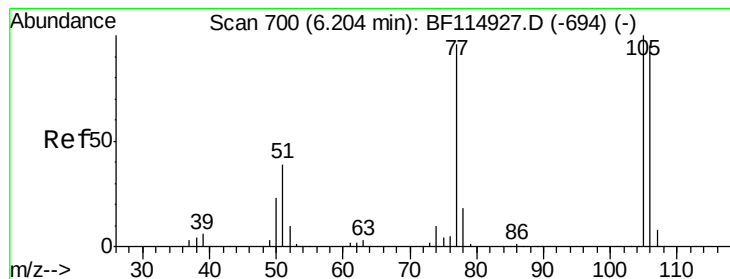
130 31.3 13.3 53.3

64 43.7 19.5 59.5



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: 21.290 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

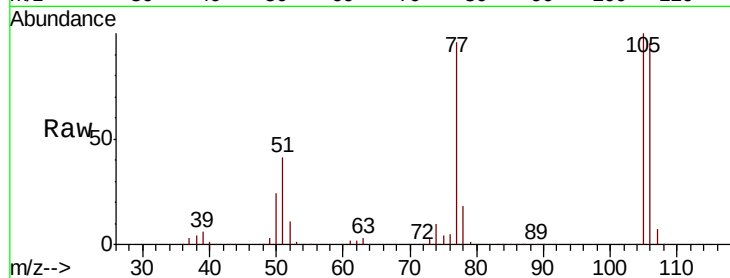
Tot Ion: 77 Resp: 289035

Ion Ratio Lower Upper

77 100

105 104.4 84.5 124.5

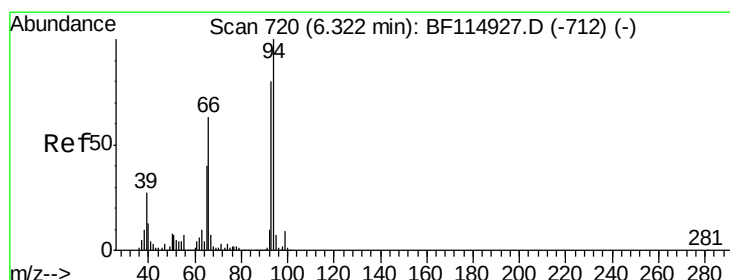
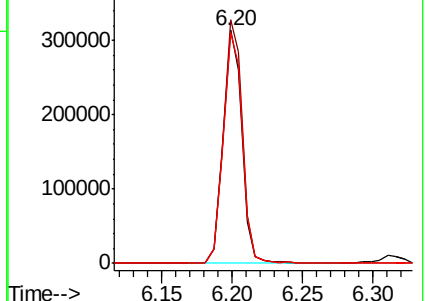
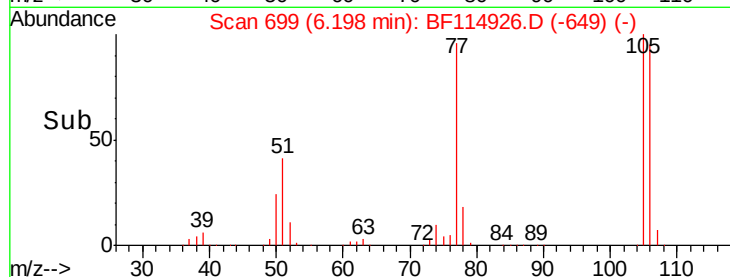
106 99.1 79.2 119.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 22.209 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

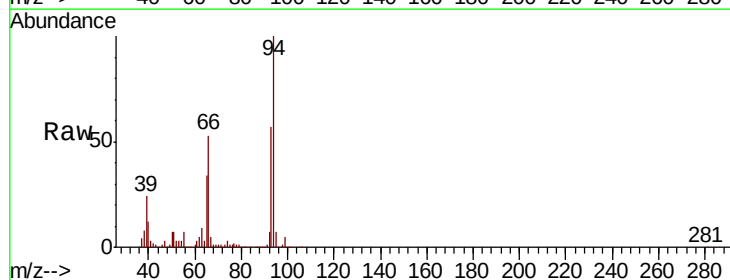
Tgt Ion: 94 Resp: 497091

Ion Ratio Lower Upper

94 100

65 34.0 19.6 59.6

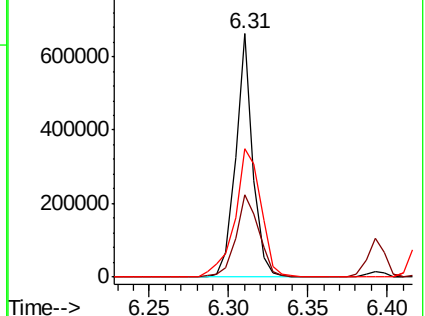
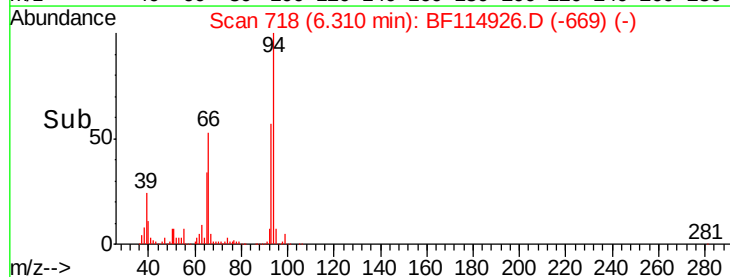
66 52.8 42.6 82.6

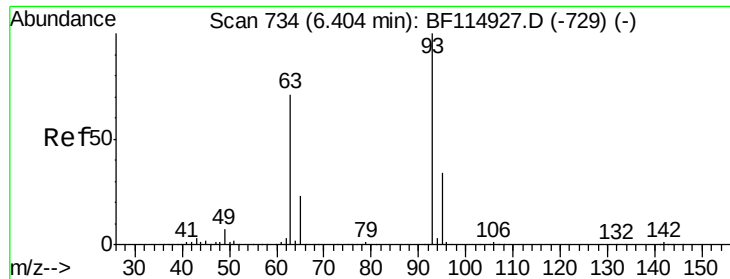


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

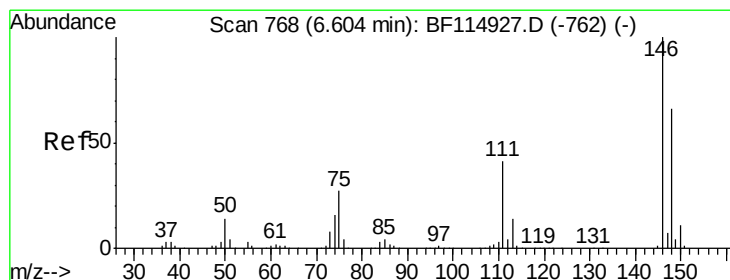
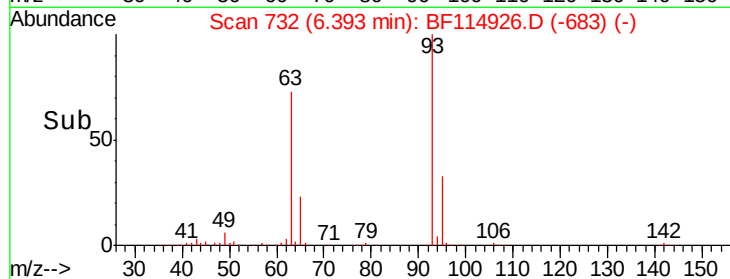
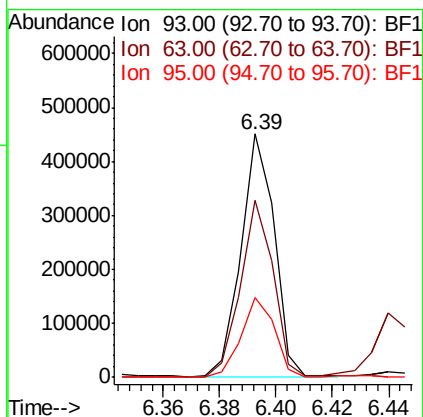
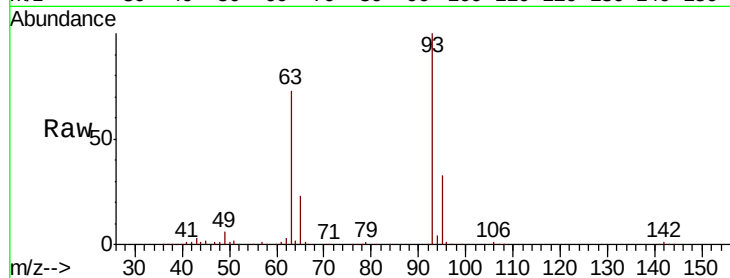




#11
bis(2-Chloroethyl)ether
Concen: 21.009 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

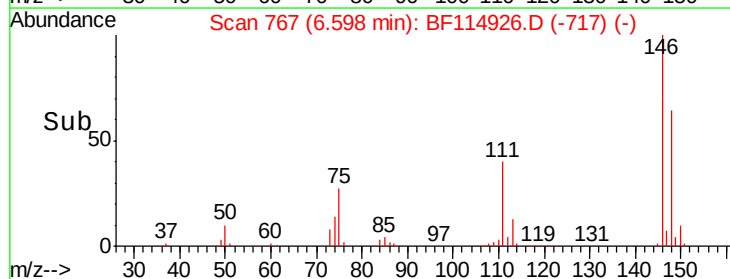
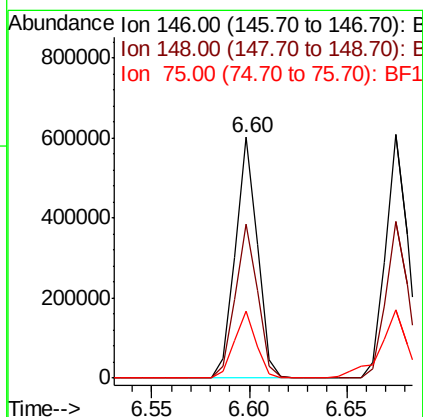
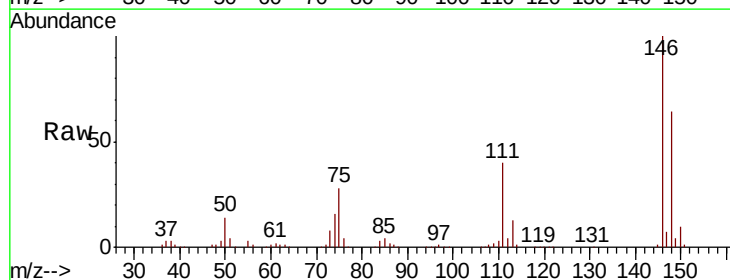
Instrument :
BNA_F
ClientSampleId :

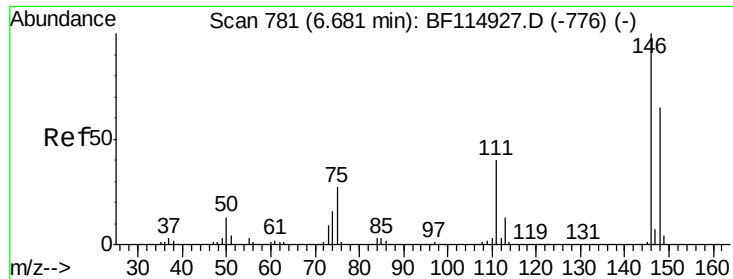
Tot Ion: 93 Resp: 366989
Ion Ratio Lower Upper
93 100
63 72.6 50.5 90.5
95 32.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 21.996 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion: 146 Resp: 476344
Ion Ratio Lower Upper
146 100
148 64.2 52.6 78.8
75 27.7 21.9 32.9

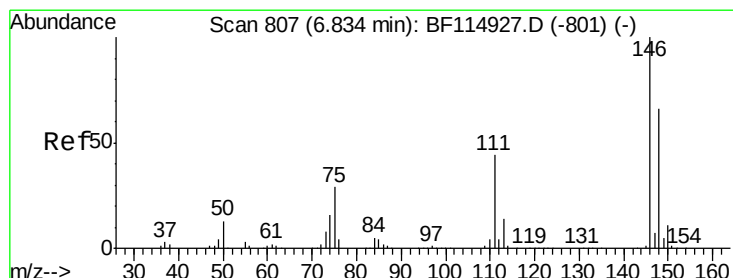
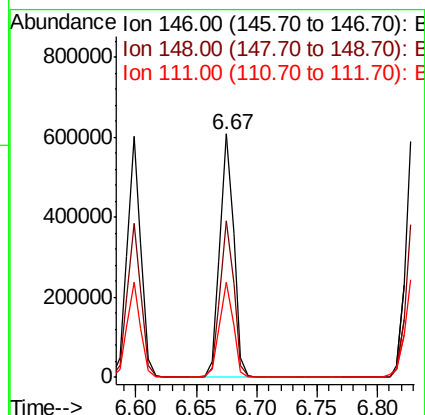
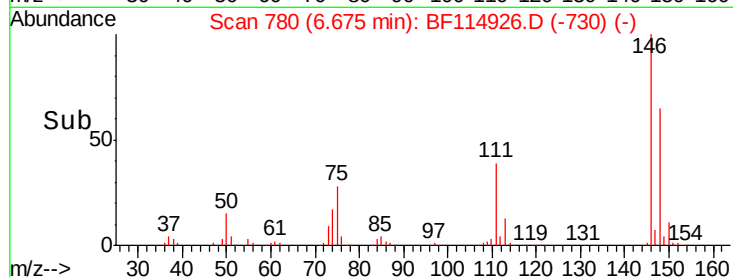
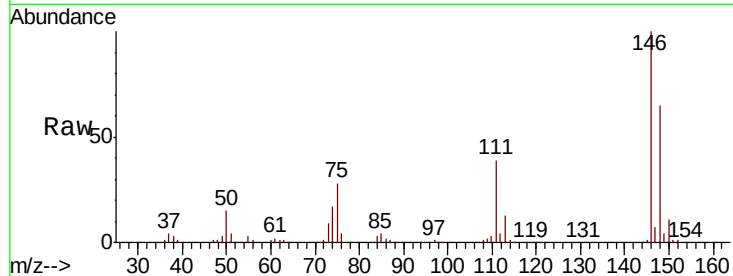




#13
 1,4-Dichlorobenzene
 Concen: 22.153 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

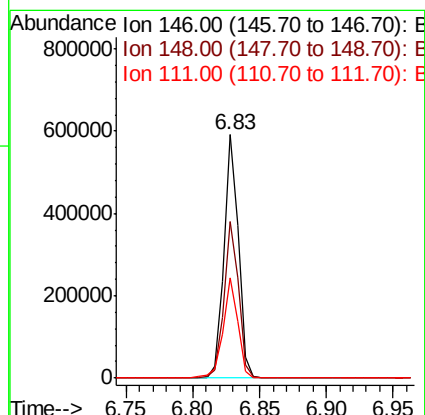
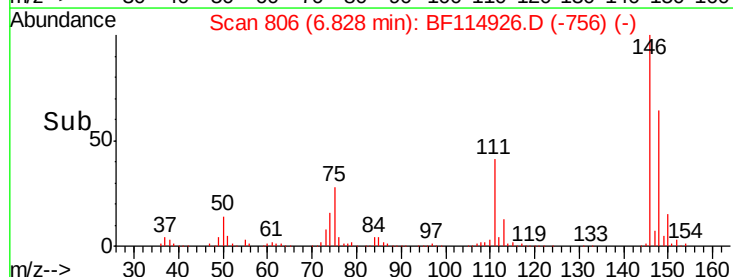
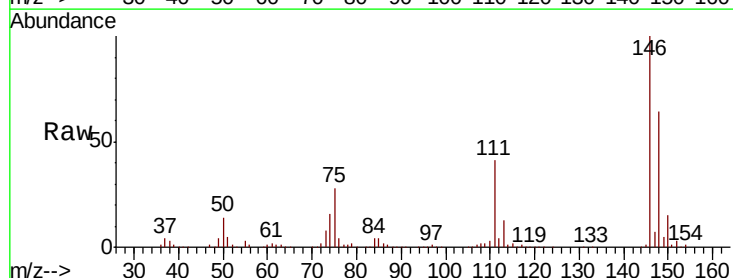
Instrument :
 BNA_F
 ClientSampleId :

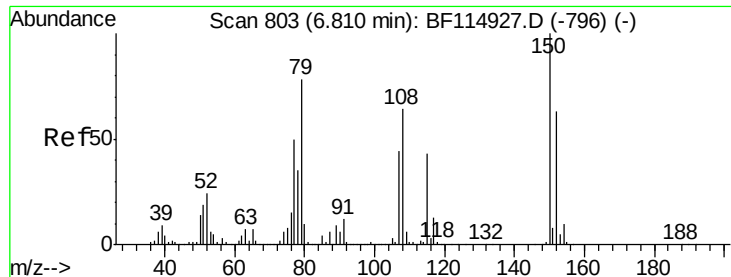
Tot Ion:146 Resp: 482732
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.3 78.5
 111 39.0 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 23.123 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion:146 Resp: 455053
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.7 79.1
 111 41.2 35.4 53.2





#15

Benzyl Alcohol

Concen: 21.861 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampled :

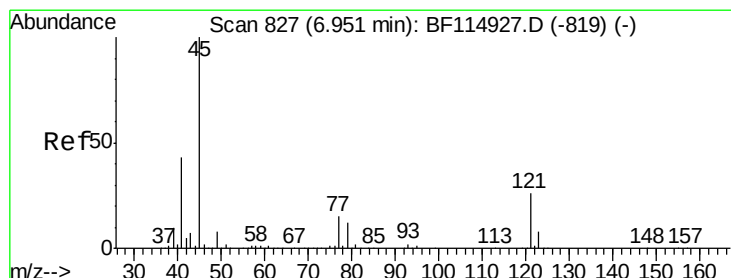
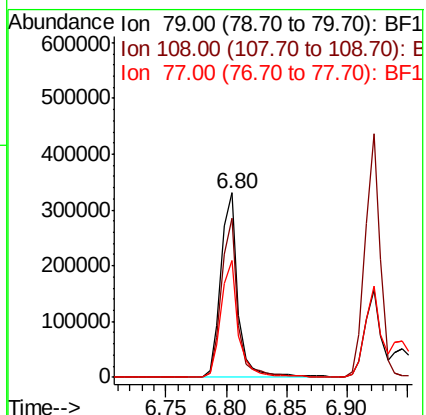
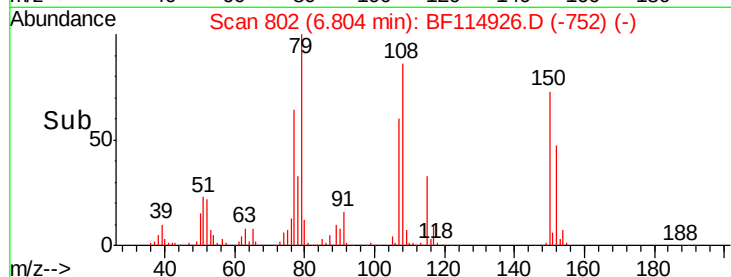
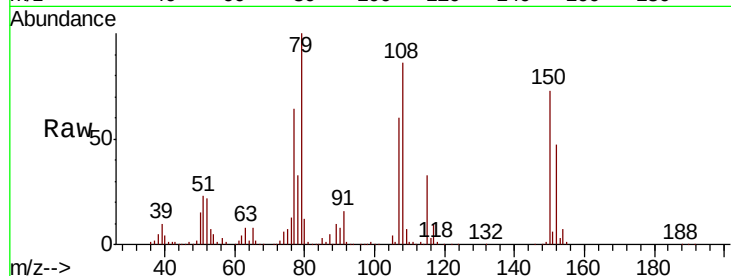
Tot Ion: 79 Resp: 323558

Ion Ratio Lower Upper

79 100

108 86.5 65.5 98.3

77 63.8 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.061 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

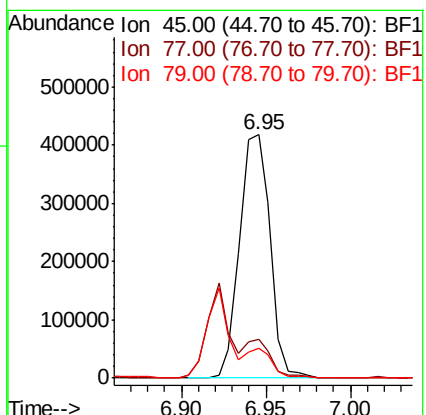
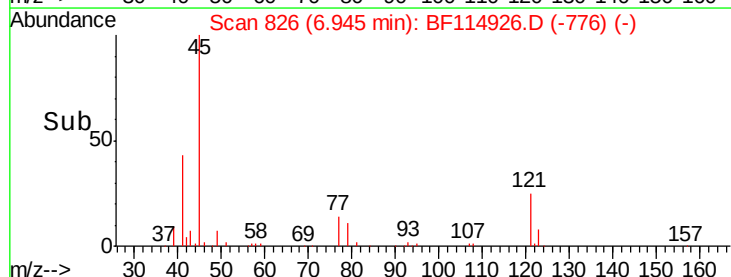
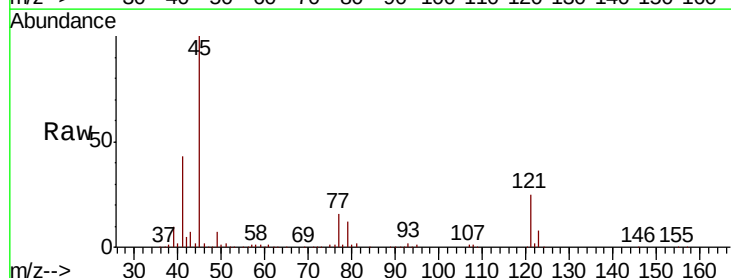
Tgt Ion: 45 Resp: 526160

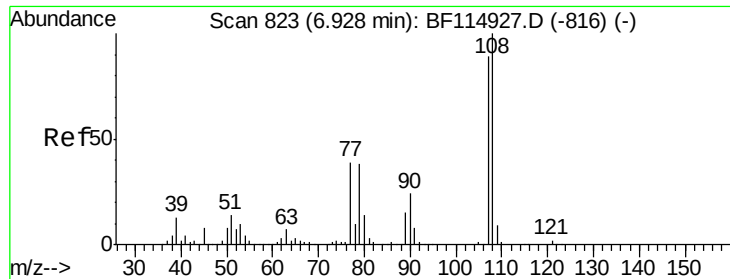
Ion Ratio Lower Upper

45 100

77 15.8 0.0 36.2

79 12.2 0.0 32.7

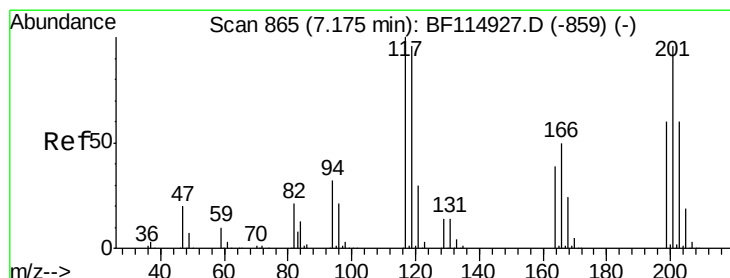
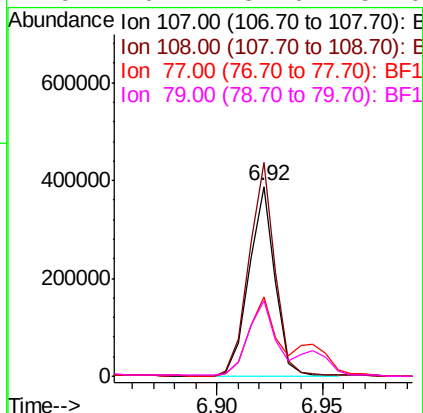
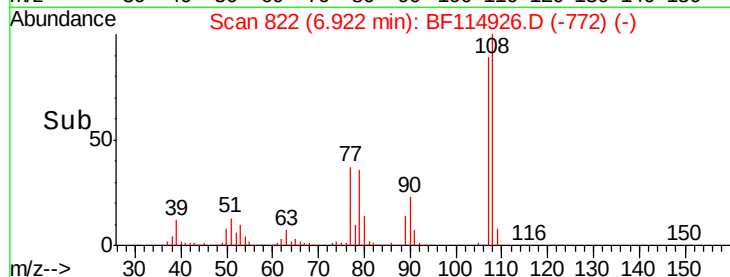
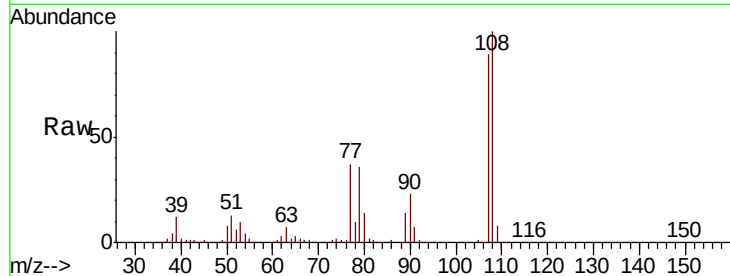




#17
2-Methylphenol
Concen: 20.682 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

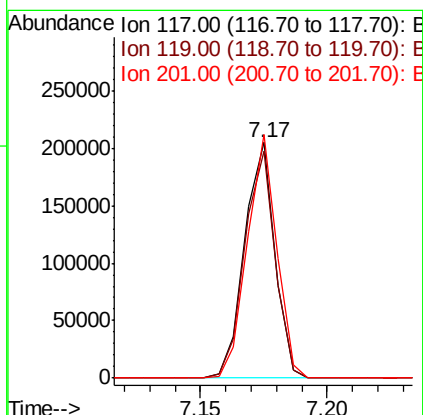
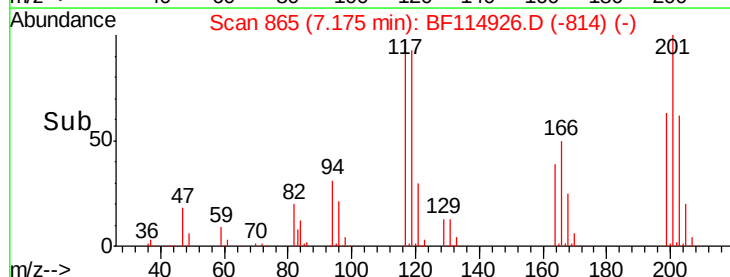
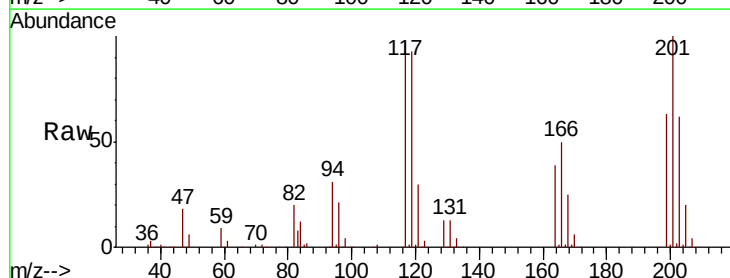
Instrument :
BNA_F
ClientSampleId :

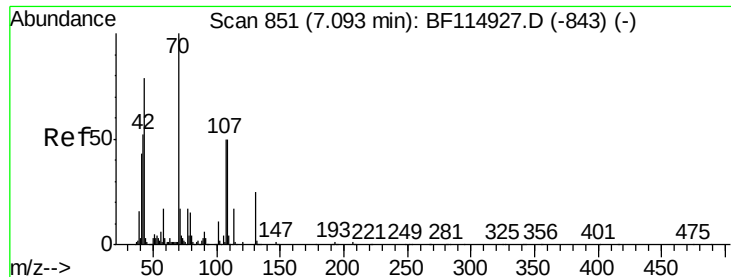
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.2
77	42.1	35.4	53.0
79	40.2	34.6	52.0



#18
Hexachloroethane
Concen: 20.736 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	103.3	77.0	115.6

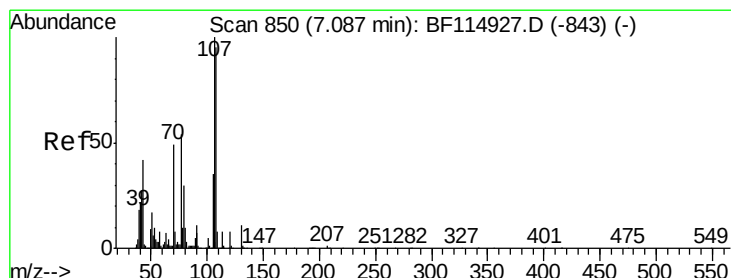
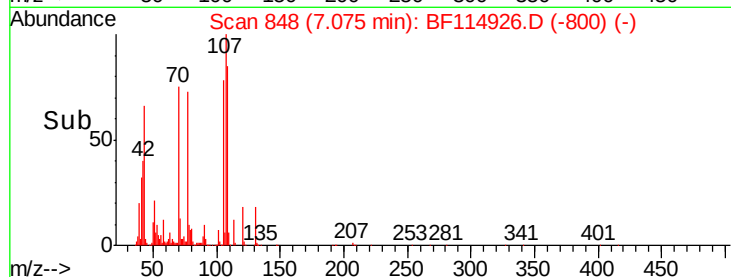
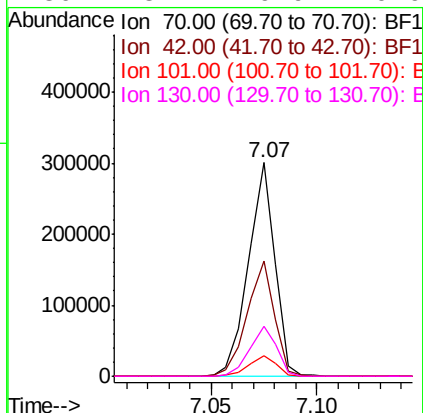
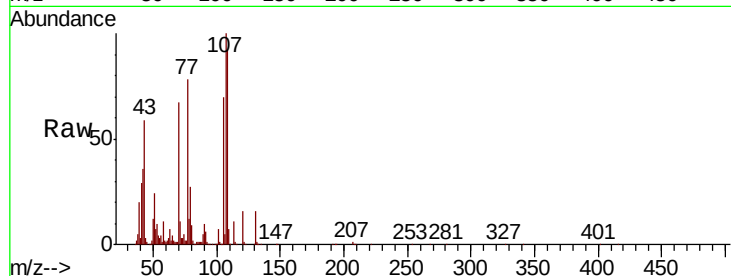




#19
n-Nitroso-di-n-propylamine
Concen: 20.263 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

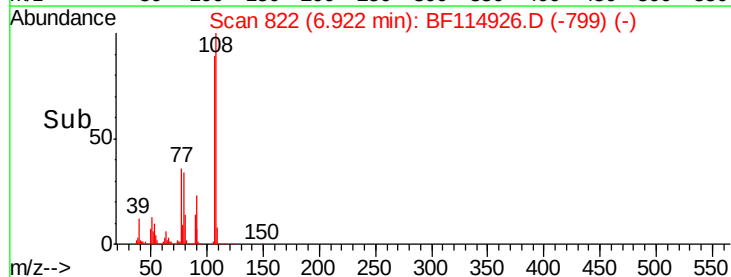
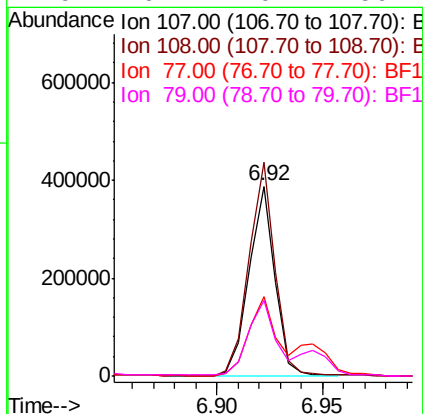
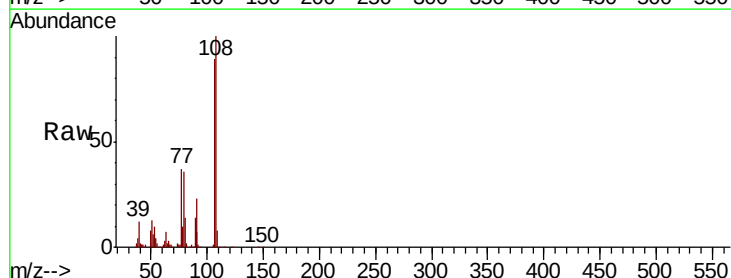
Instrument :
BNA_F
ClientSampleId :

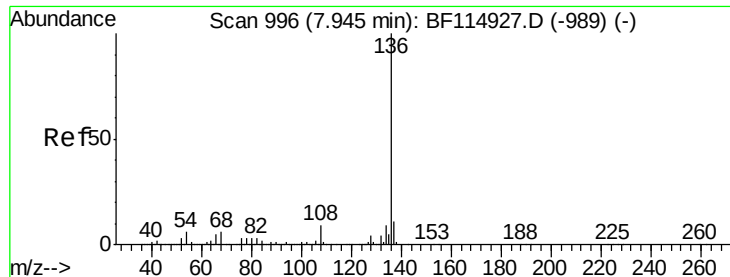
Tot Ion:	70	Resp:	262525
Ion	Ratio	Lower	Upper
70	100		
42	53.7	41.7	62.5
101	9.7	8.4	12.6
130	23.4	19.9	29.9



#20
3+4-Methylphenols
Concen: 18.751 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.16 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion:	107	Resp:	328549
Ion	Ratio	Lower	Upper
107	100		
108	112.7	74.7	114.7
77	42.1	33.7	73.7
79	40.2	10.2	50.2

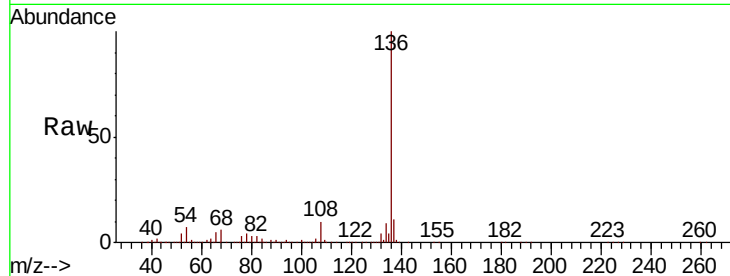




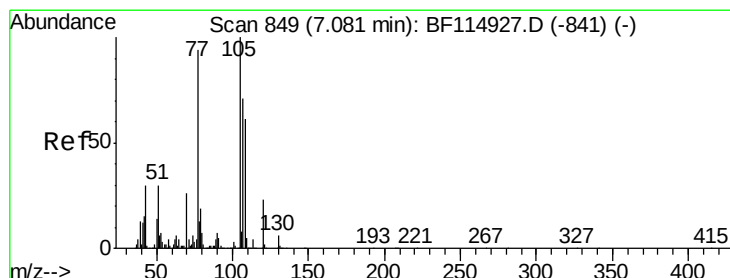
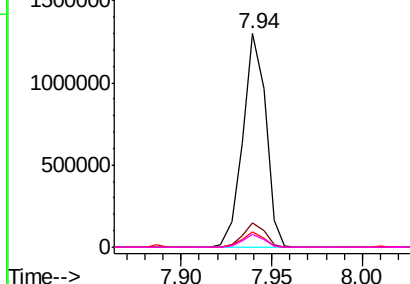
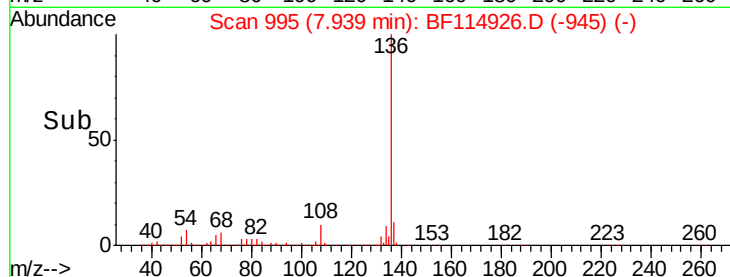
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1145905
Ion Ratio	Lower Upper
136 100	
137 11.4	9.0 13.6
54 7.2	5.2 7.8
68 6.2	4.6 7.0

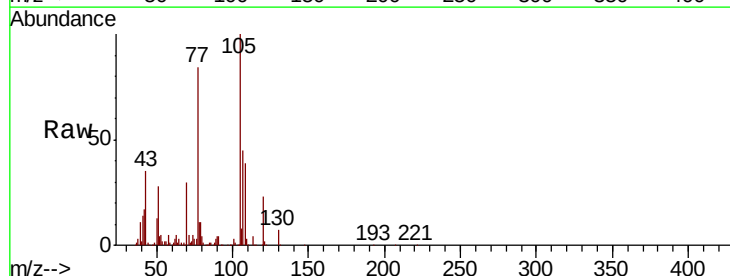


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

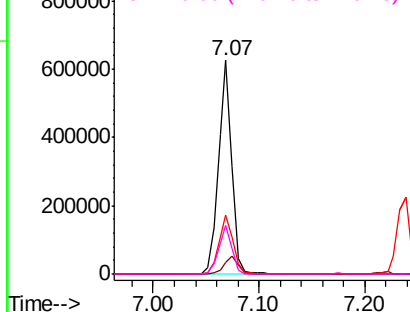
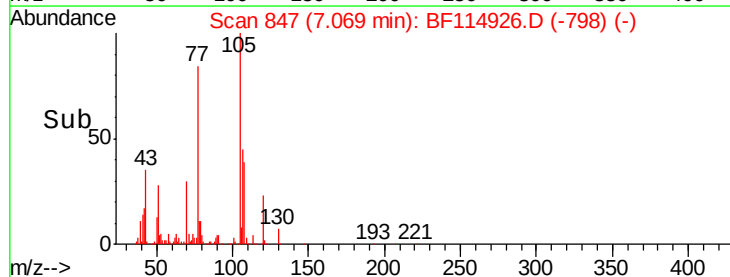


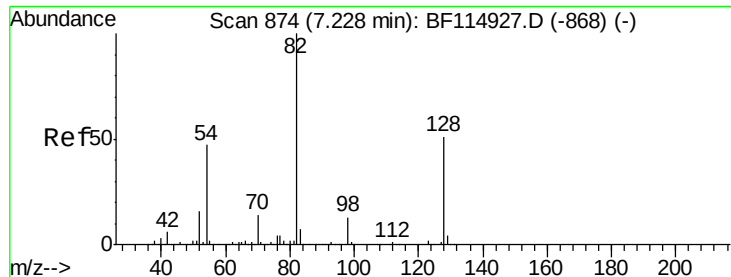
#22
Acetophenone
Concen: 22.017 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt	Ion:105	Resp:	555465
Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.4	5.2
51	27.8	24.0	36.0
120	22.8	18.8	28.2



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
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

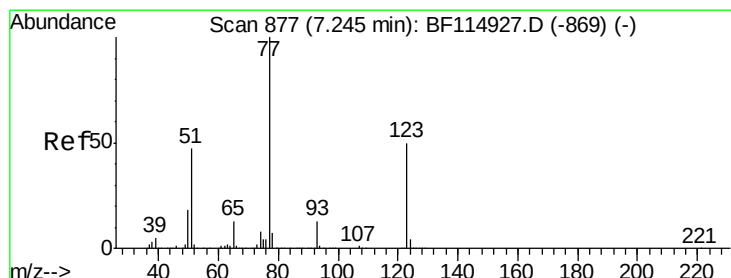
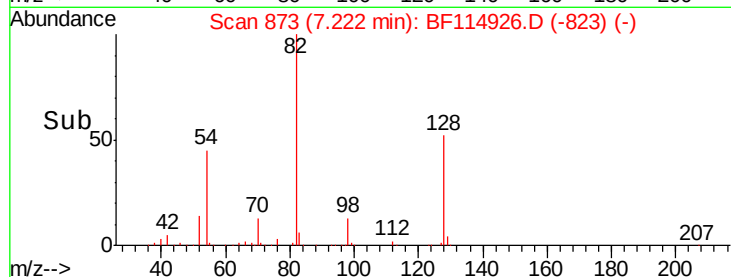
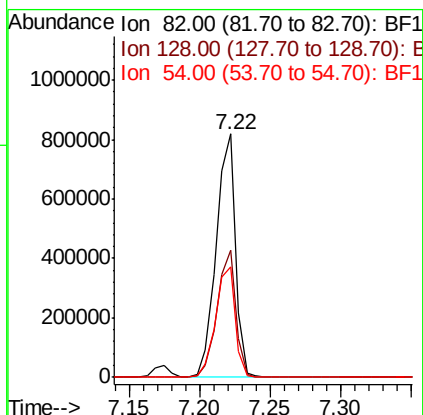
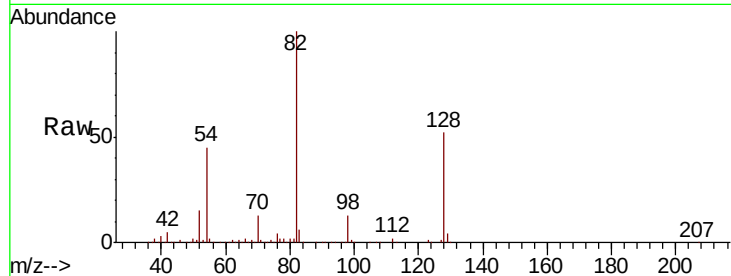




#23
Nitrobenzene-d5
Concen: 41.847 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

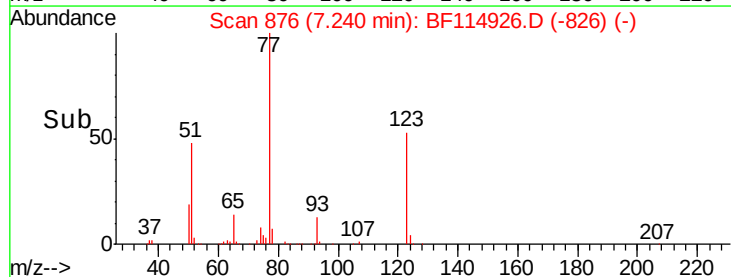
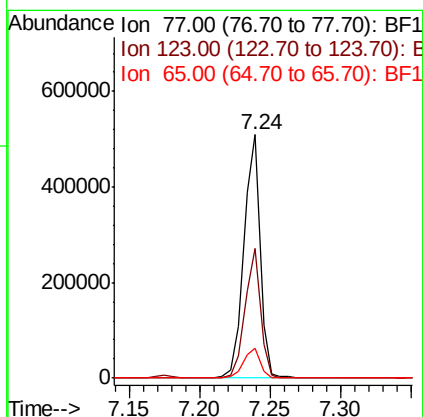
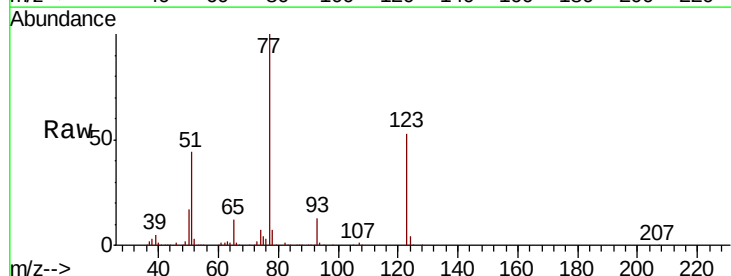
Instrument :
BNA_F
ClientSampleId :

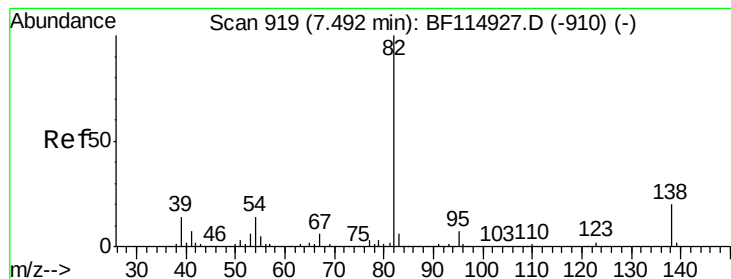
Tot Ion	82	Resp	778981
Ion Ratio	Lower	Upper	
82	100		
128	52.1	40.9	61.3
54	45.3	37.4	56.0



#24
Nitrobenzene
Concen: 21.120 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	77	Resp	407294
Ion Ratio	Lower	Upper	
77	100		
123	53.3	39.8	59.6
65	12.4	10.7	16.1





#25

Isophorone

Concen: 20.108 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

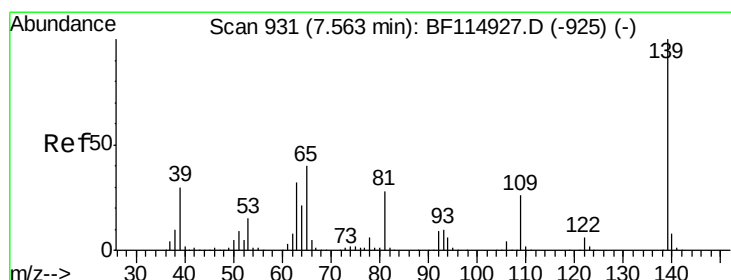
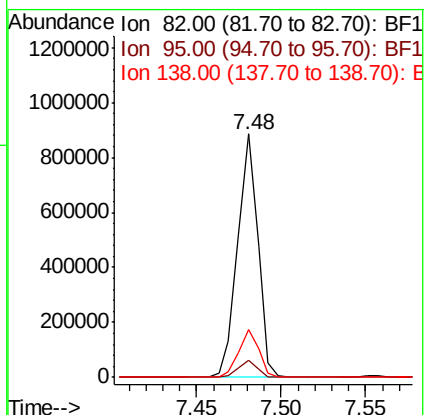
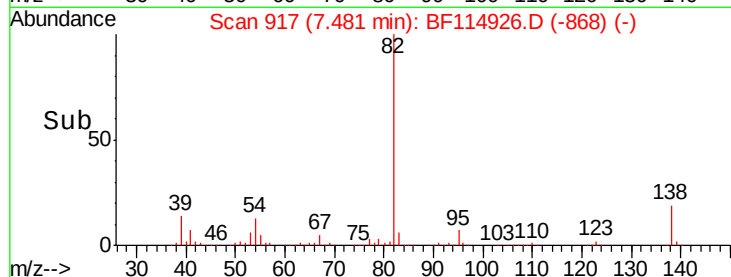
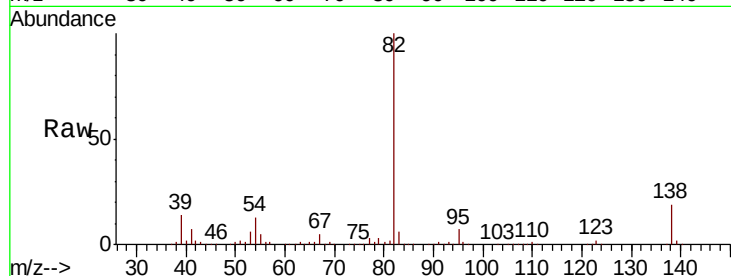
Tot Ion: 82 Resp: 739976

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 19.5 16.4 24.6



#26

2-Nitrophenol

Concen: 20.660 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

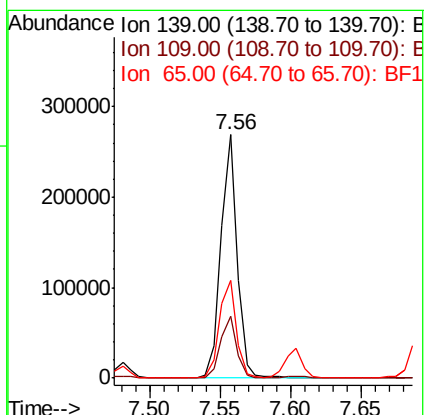
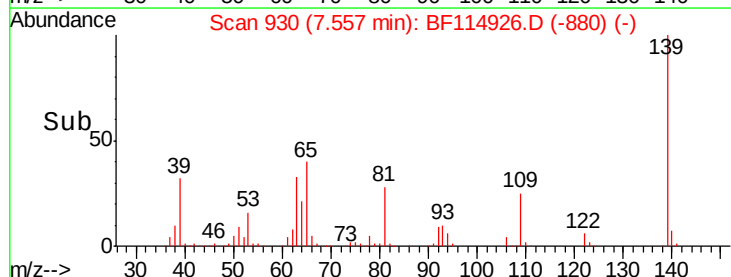
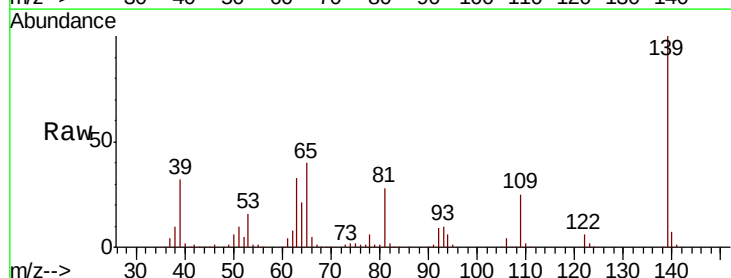
Tgt Ion: 139 Resp: 215790

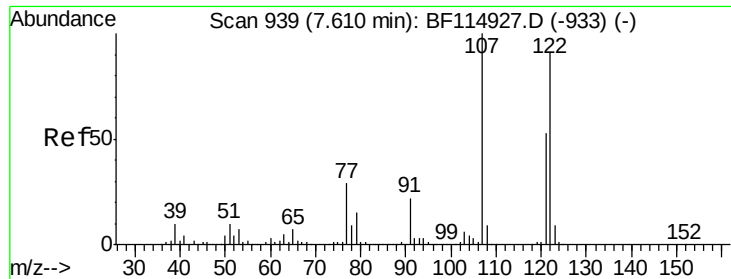
Ion Ratio Lower Upper

139 100

109 25.4 20.6 30.8

65 40.3 32.2 48.2





#27

2,4-Dimethylphenol

Concen: 20.676 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampled :

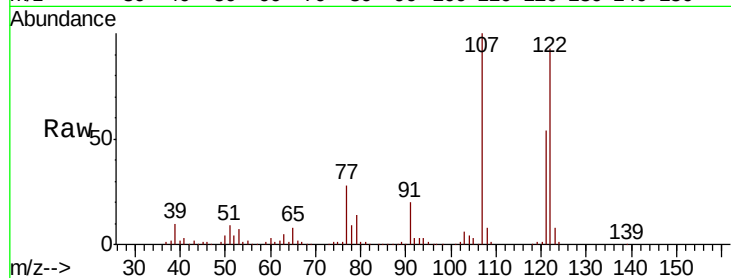
Tot Ion:122 Resp: 328231

Ion Ratio Lower Upper

122 100

107 108.0 88.0 132.0

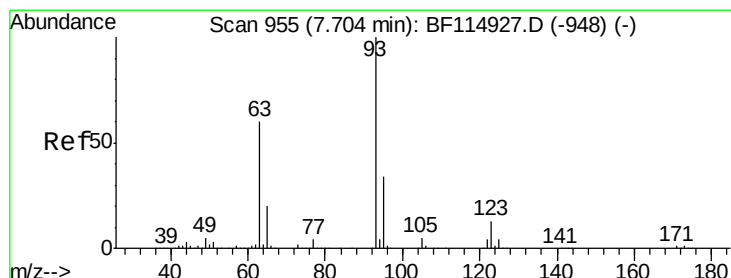
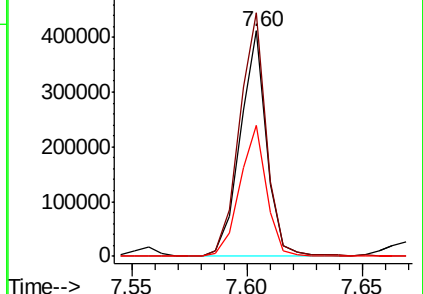
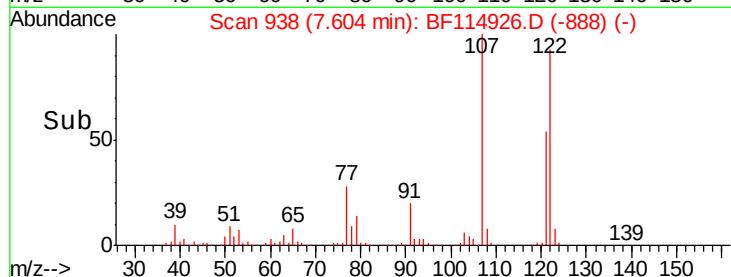
121 58.2 47.0 70.6



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: 21.010 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

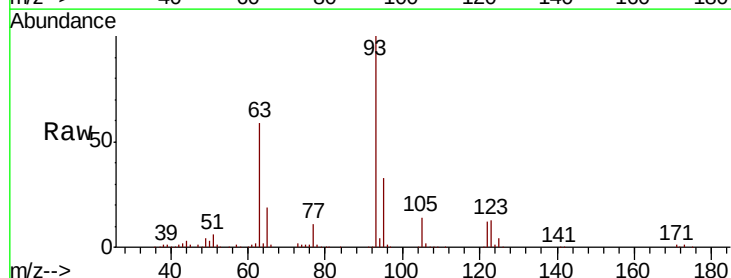
Tgt Ion: 93 Resp: 494237

Ion Ratio Lower Upper

93 100

95 33.0 27.0 40.4

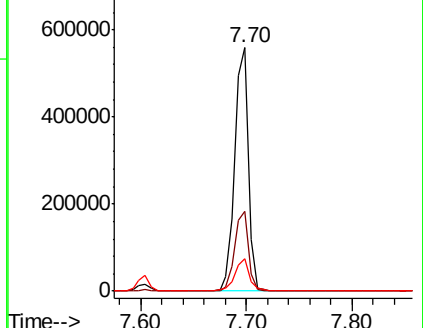
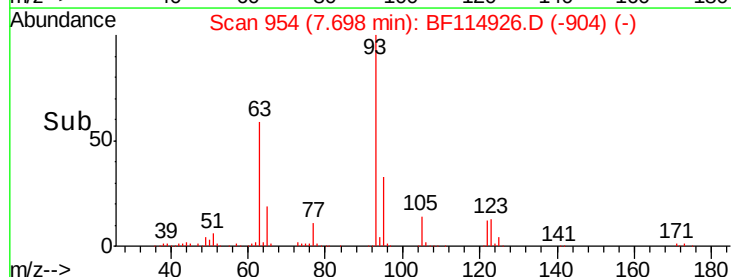
123 13.2 10.3 15.5

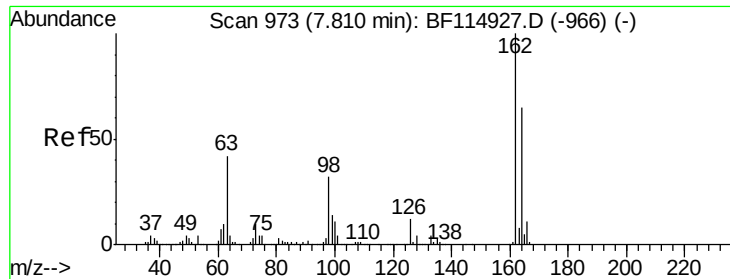


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 20.859 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampled :

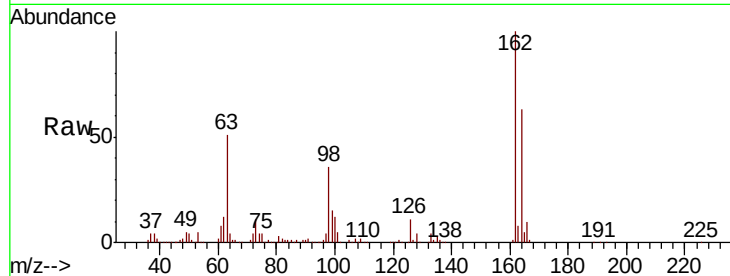
Tot Ion:162 Resp: 348386

Ion Ratio Lower Upper

162 100

164 63.4 45.4 85.4

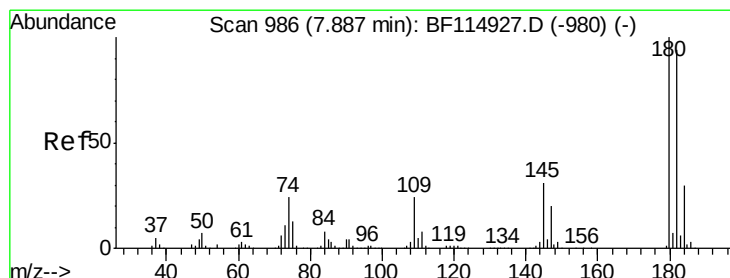
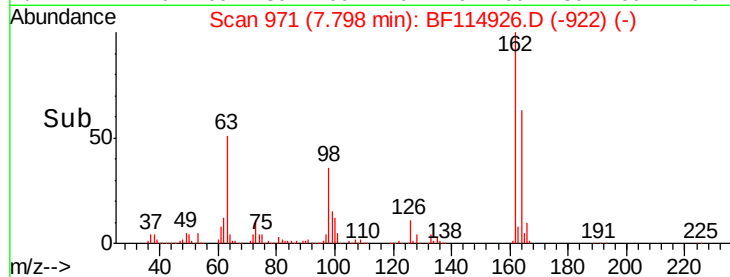
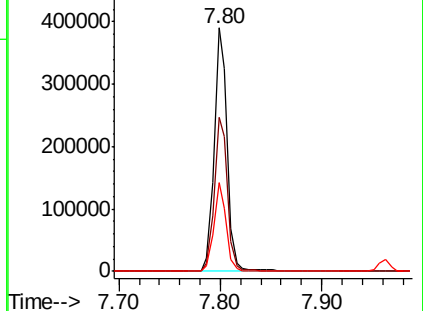
98 36.2 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 21.169 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

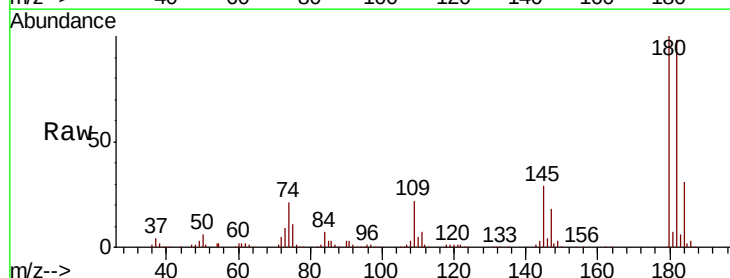
Tgt Ion:180 Resp: 405681

Ion Ratio Lower Upper

180 100

182 97.6 75.0 112.6

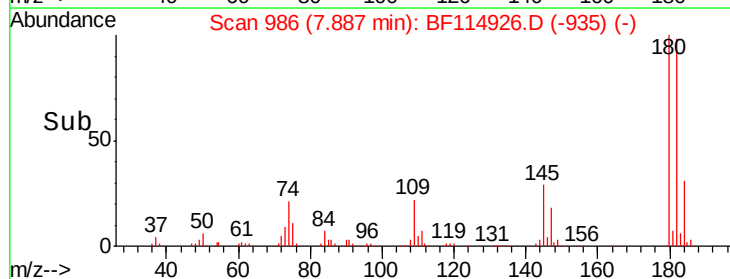
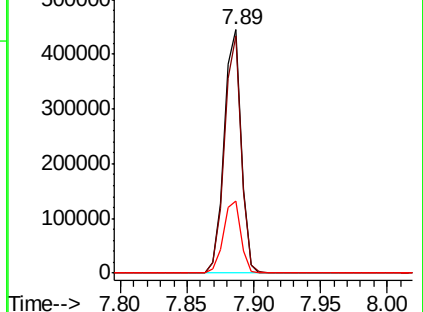
145 29.4 25.1 37.7

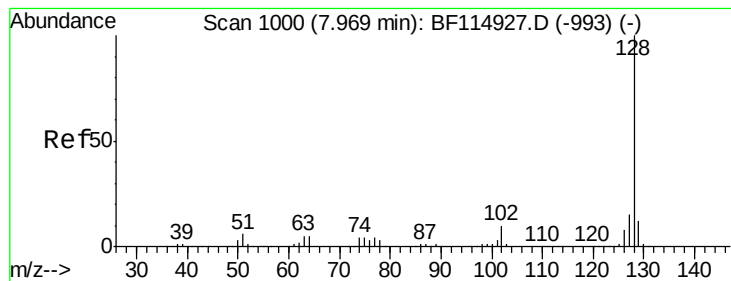


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 23.446 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

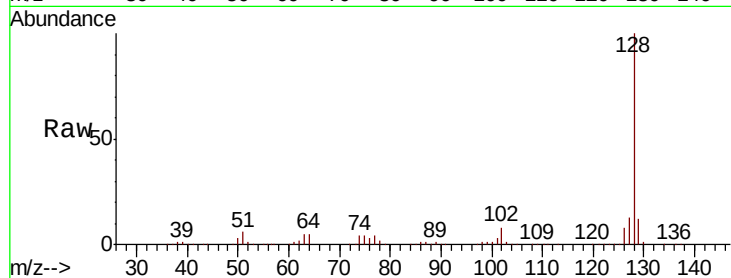
Tot Ion:128 Resp: 1209568

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.8

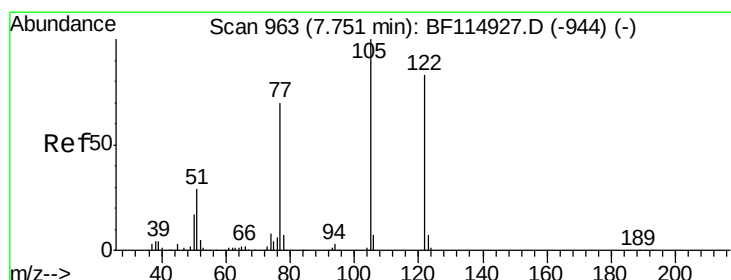
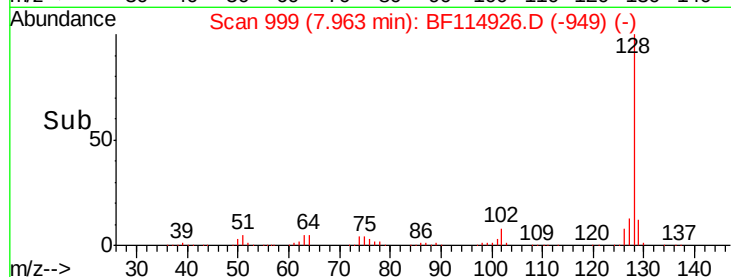
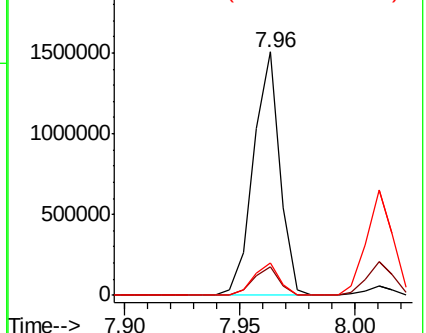
127 13.4 11.8 17.6



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: 17.999 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

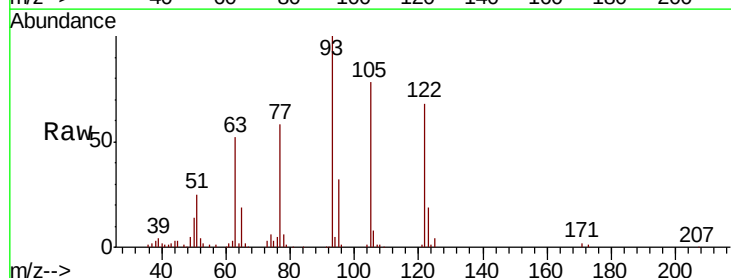
Tgt Ion:122 Resp: 208108

Ion Ratio Lower Upper

122 100

105 115.3 97.7 137.7

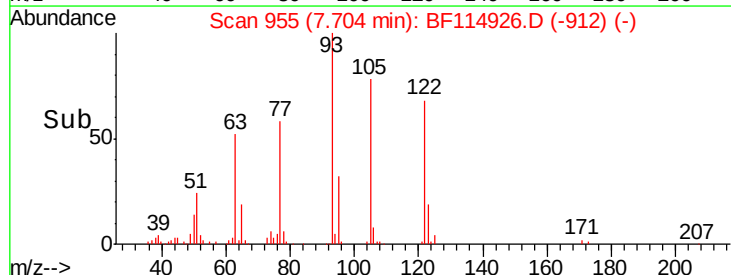
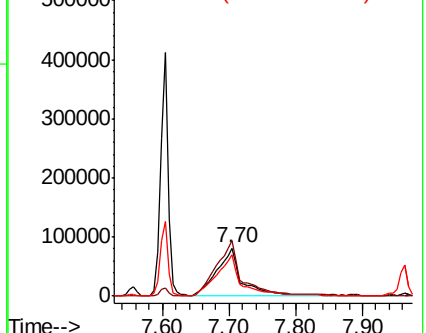
77 85.7 63.0 103.0

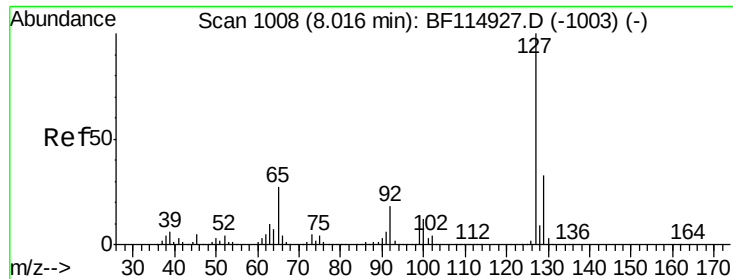


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

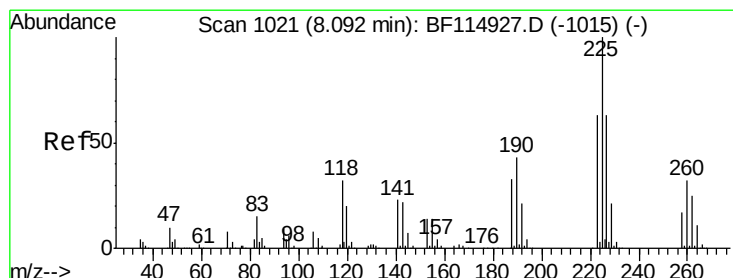
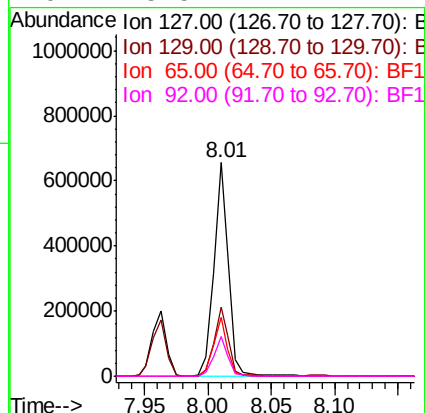
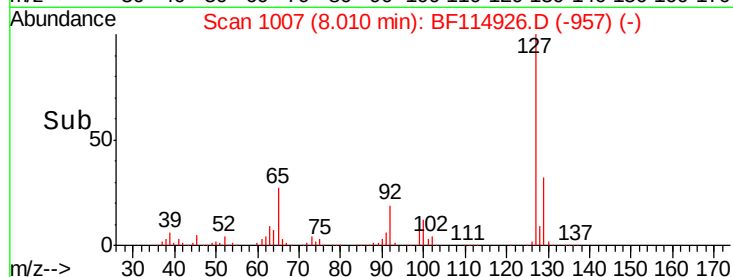
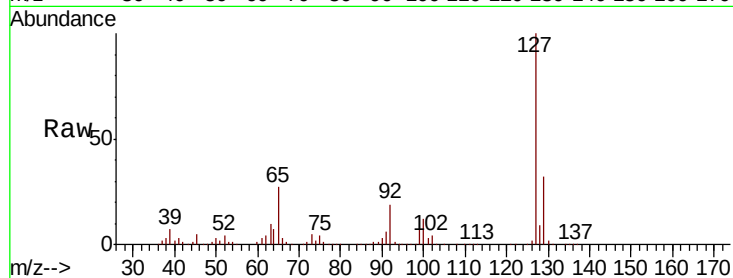




#33
4-Chloroaniline
Concen: 21.625 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

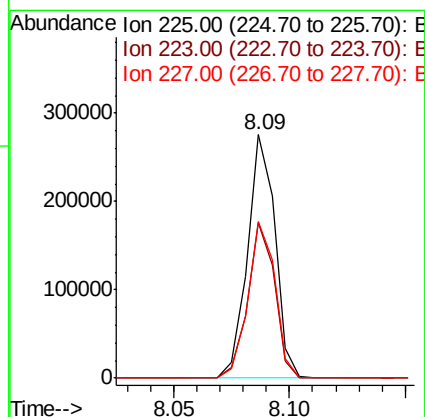
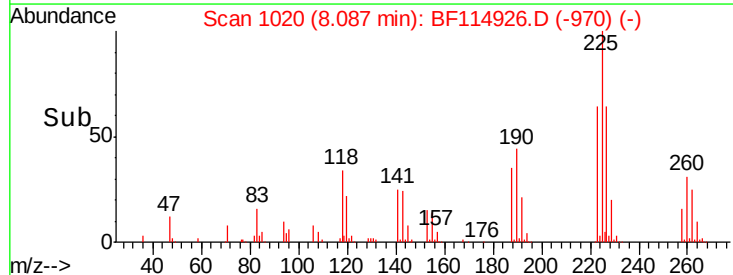
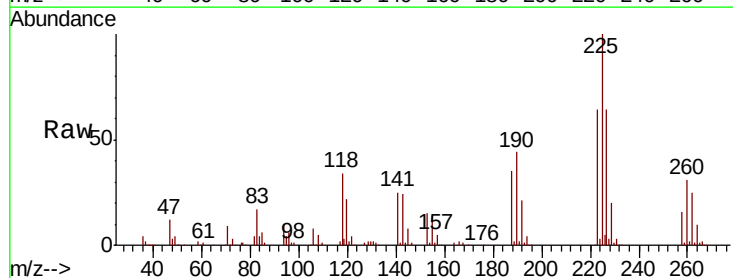
Instrument :
BNA_F
ClientSampled :

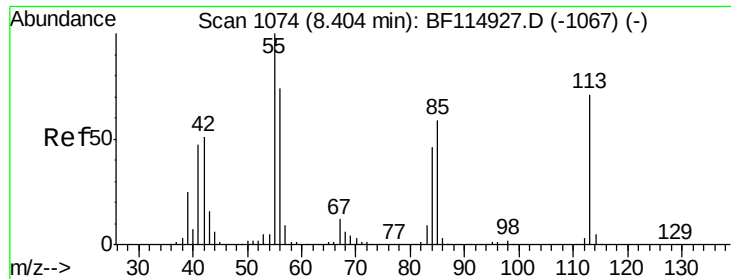
Tot Ion:	127	Resp:	532216
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	27.3	21.5	32.3
92	18.5	14.7	22.1



#34
Hexachlorobutadiene
Concen: 21.088 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion:	225	Resp:	229765
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	75.8
227	64.2	50.6	75.8

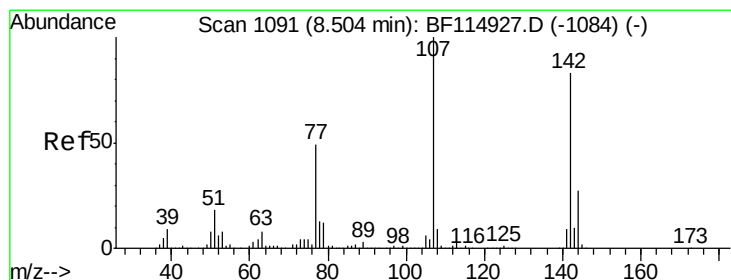
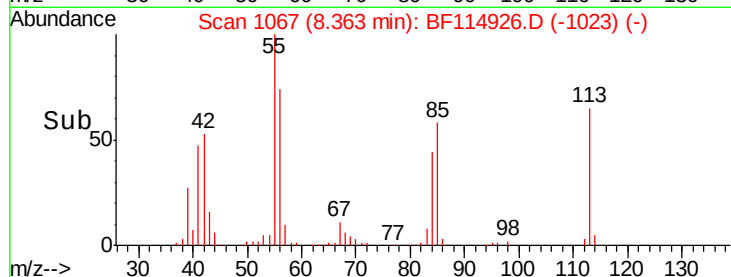
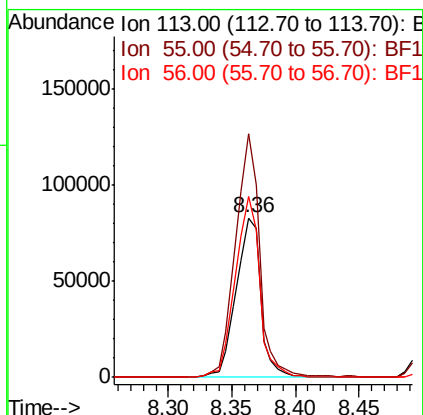
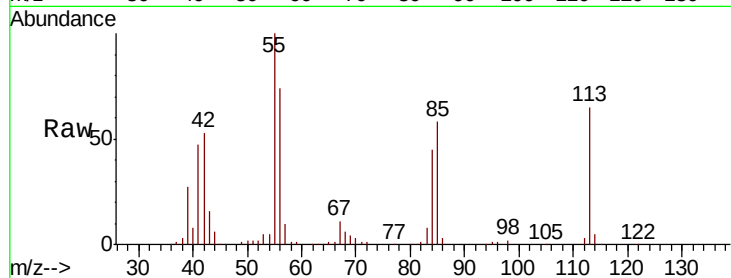




#35
 Caprolactam
 Concen: 20.388 ng
 RT: 8.36 min Scan# 1067
 Delta R.T. -0.04 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

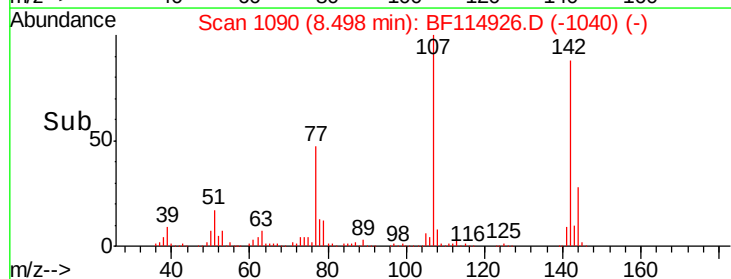
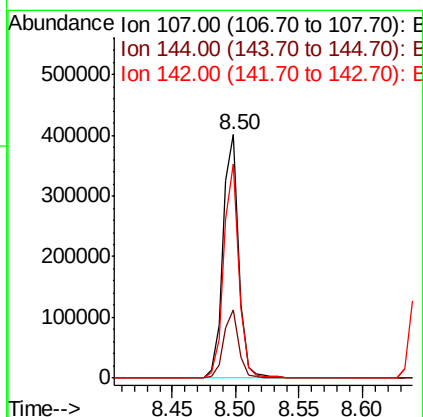
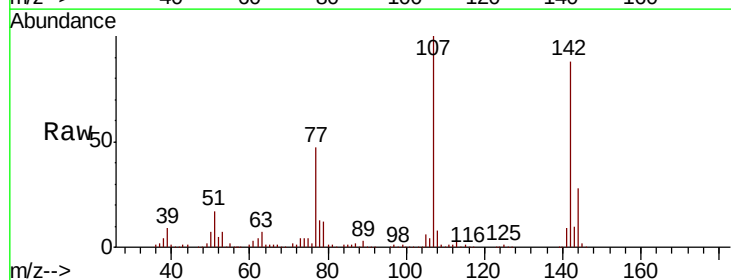
Instrument :
 BNA_F
 ClientSampleId :

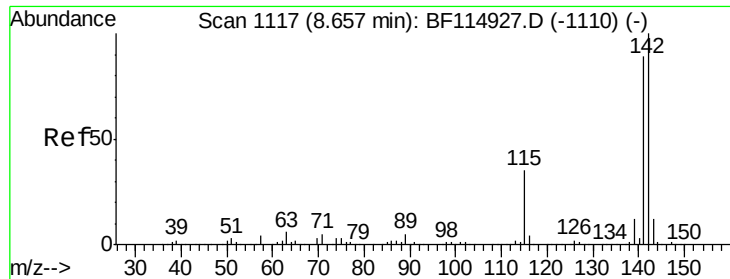
Tot Ion:113 Resp: 111237
 Ion Ratio Lower Upper
 113 100
 55 152.7 120.9 160.9
 56 113.6 84.3 124.3



#36
 4-Chloro-3-methylphenol
 Concen: 20.955 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion:107 Resp: 348267
 Ion Ratio Lower Upper
 107 100
 144 28.3 21.6 32.4
 142 87.7 66.1 99.1

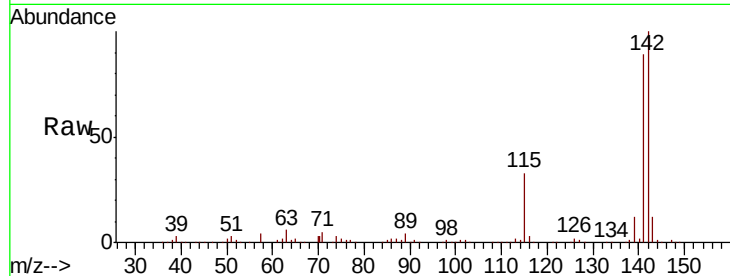




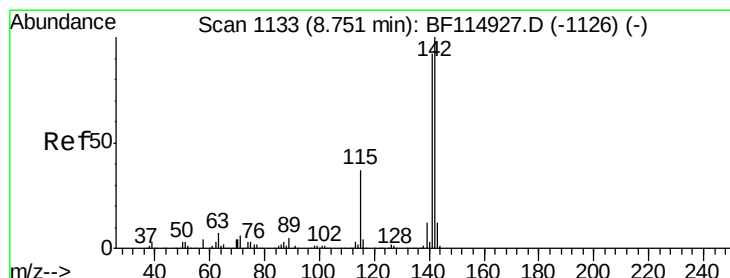
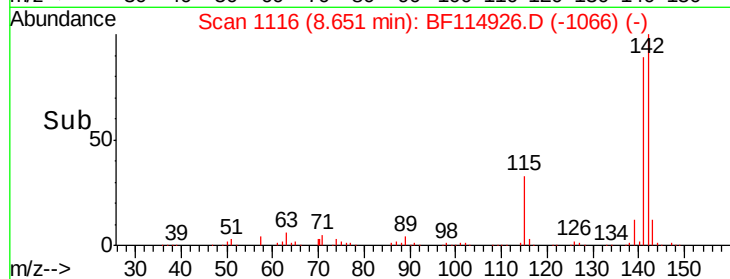
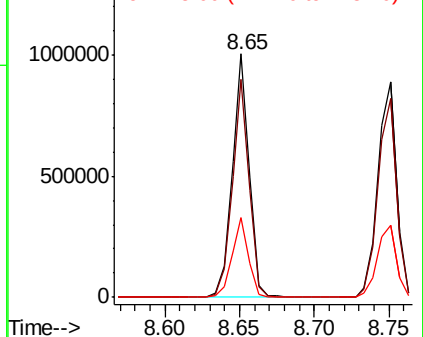
#37
2-Methylnaphthalene
Concen: 22.404 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.1	106.7
115	33.0	27.8	41.6

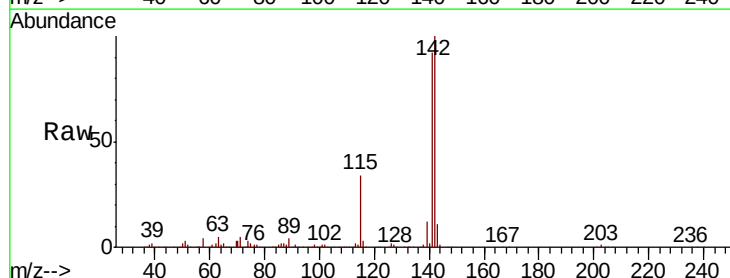


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

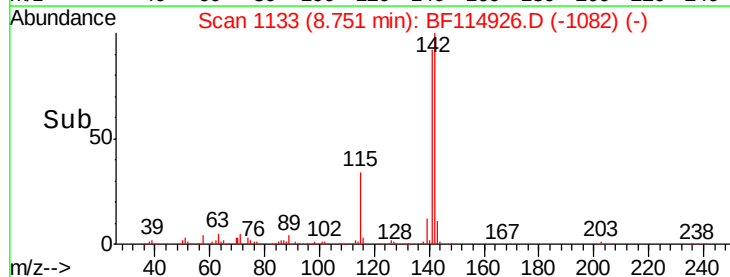
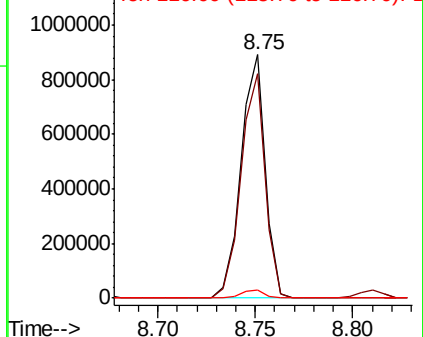


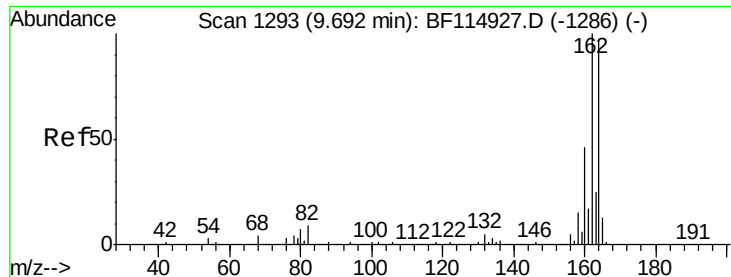
#38
1-Methylnaphthalene
Concen: 22.450 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5
116	3.4	3.1	4.7



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

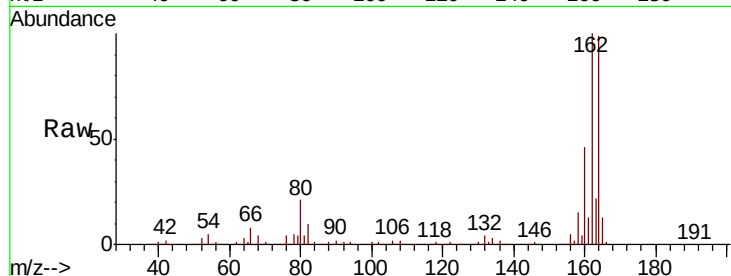




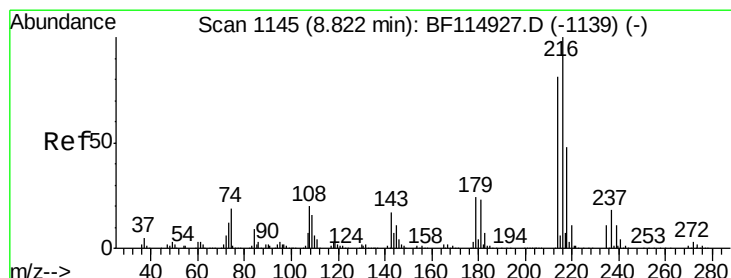
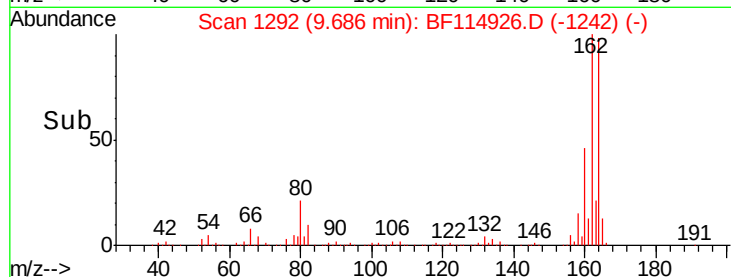
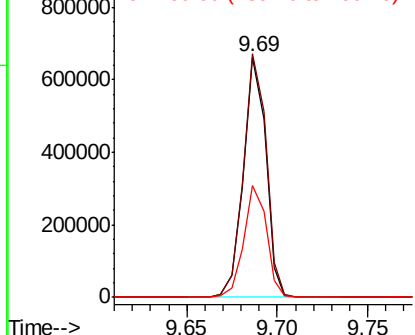
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 569244
Ion Ratio Lower Upper
164 100
162 101.5 82.4 123.6
160 46.3 37.5 56.3

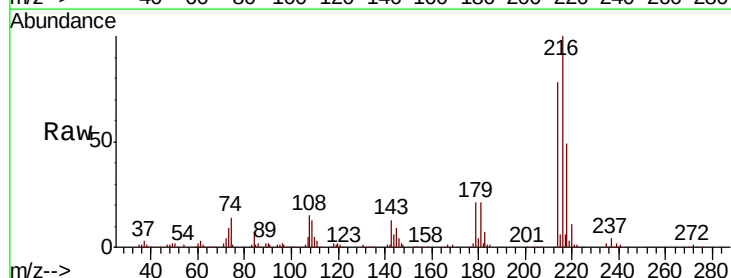


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

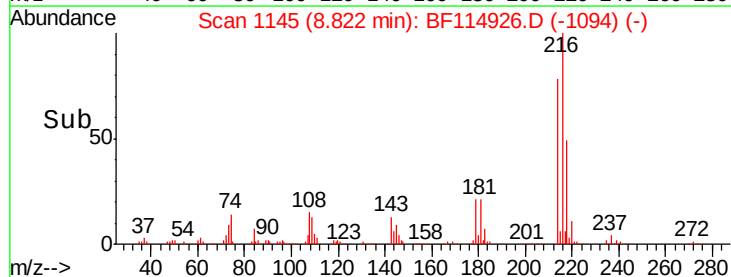
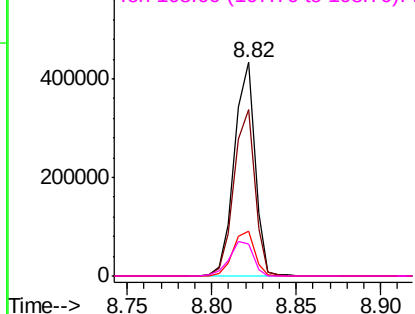


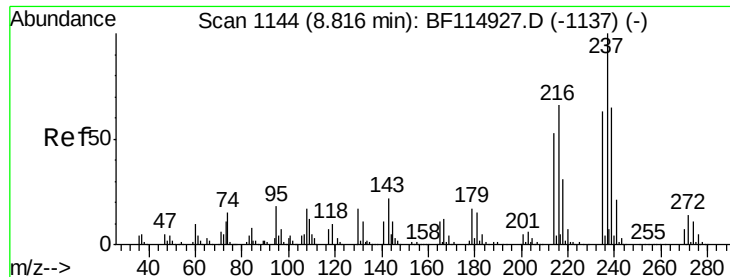
#40
1,2,4,5-Tetrachlorobenzene
Concen: 22.401 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion:216 Resp: 367475
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.8
179 22.0 18.5 27.7
108 18.6 15.6 23.4



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

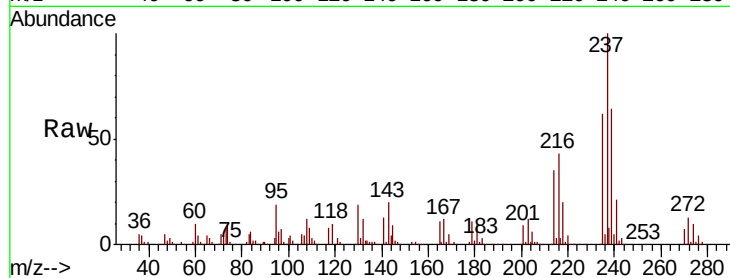




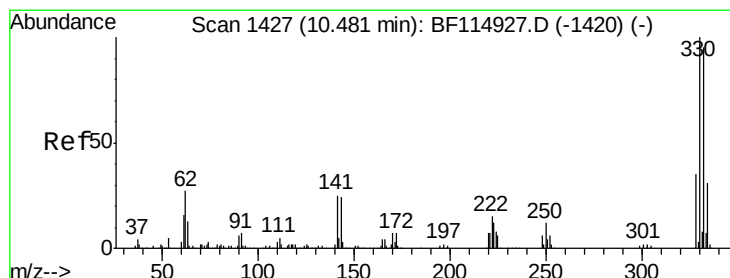
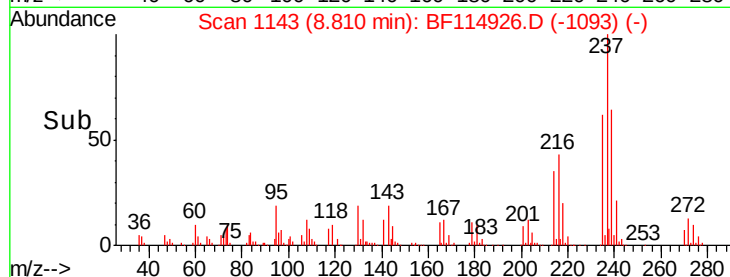
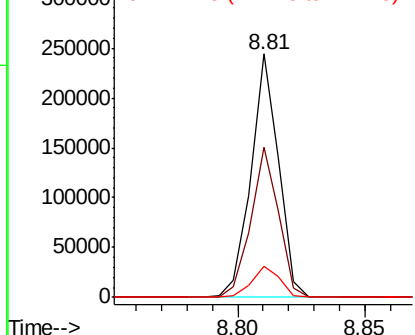
#41
Hexachlorocyclopentadiene
Concen: 18.523 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.3	83.3
272	12.6	0.0	33.5

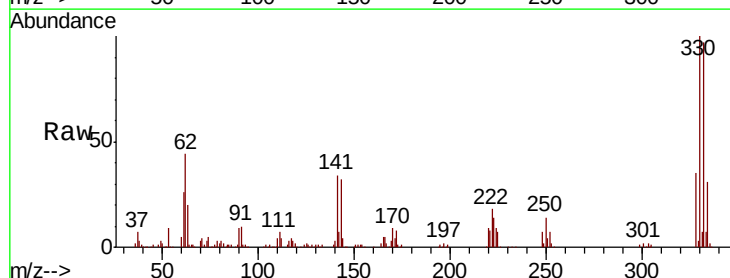


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

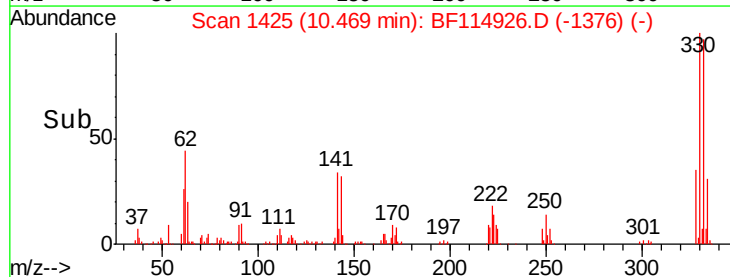
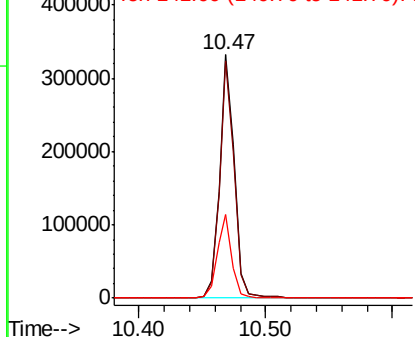


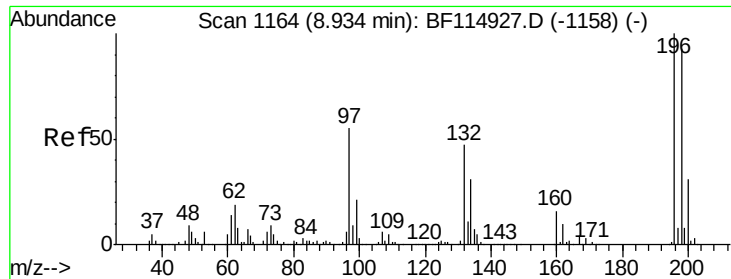
#42
2,4,6-Tribromophenol
Concen: 44.266 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.4	114.6
141	33.8	26.8	40.2



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

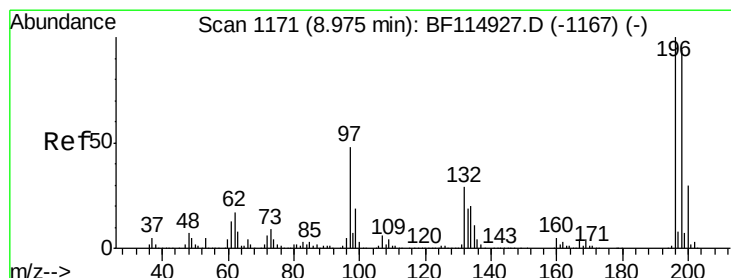
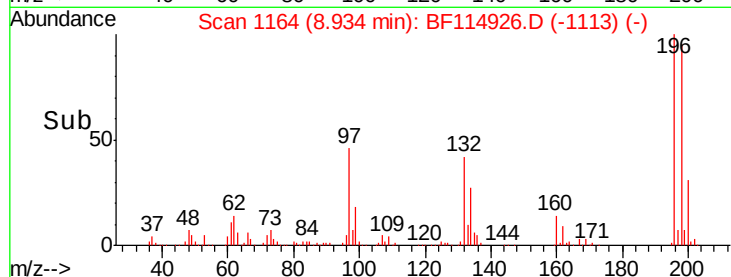
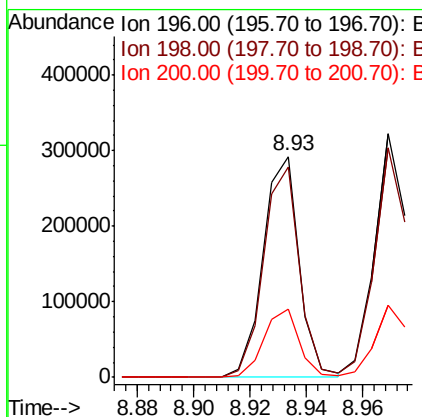
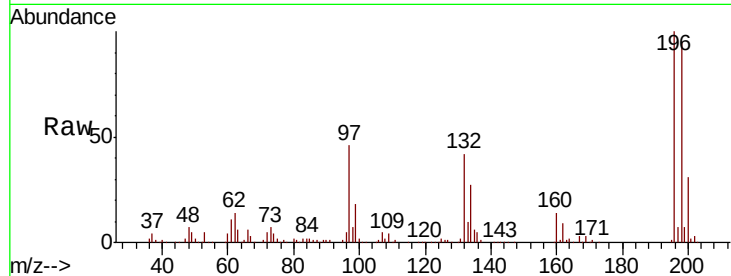




#43
 2,4,6-Trichlorophenol
 Concen: 20.303 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

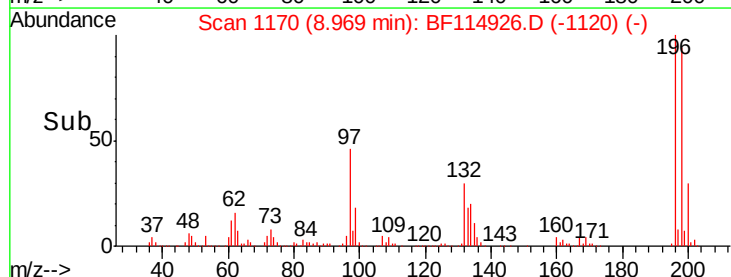
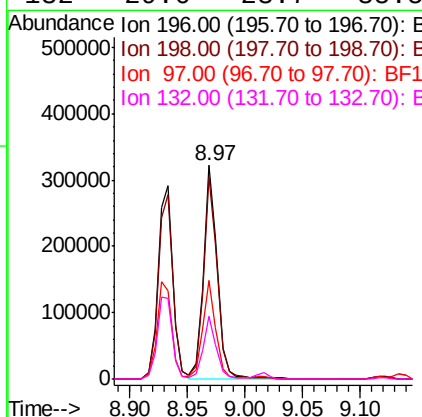
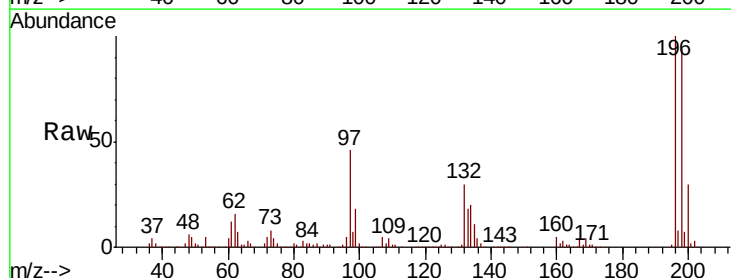
Instrument :
 BNA_F
 ClientSampled :

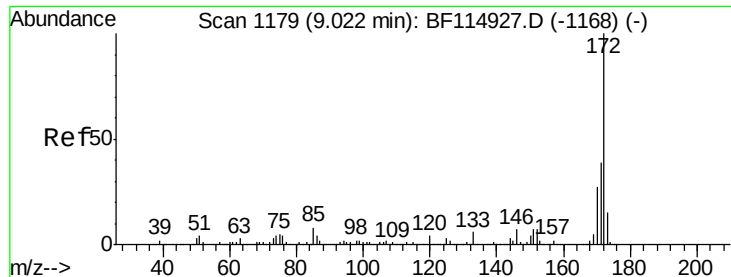
Tot Ion:196 Resp: 258986
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.8 112.2
 200 31.2 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 21.050 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion:196 Resp: 270419
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.6 113.4
 97 46.1 38.6 57.8
 132 29.6 23.7 35.5

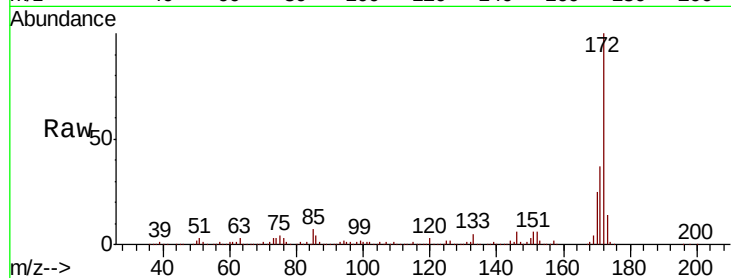




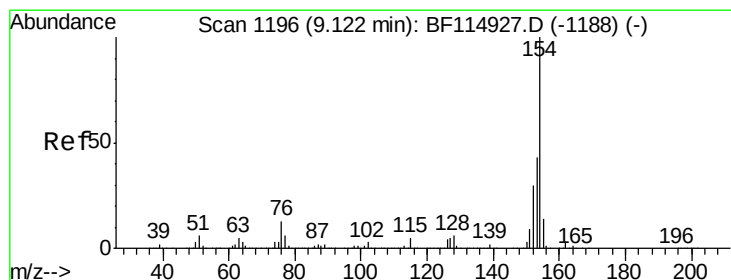
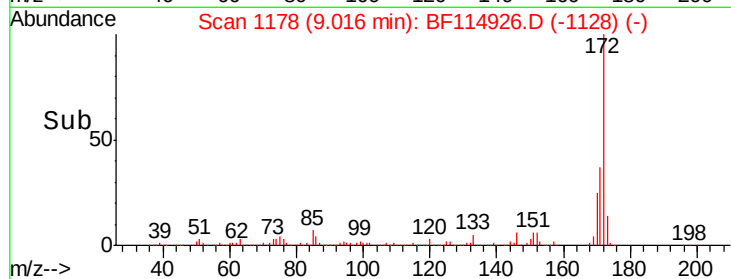
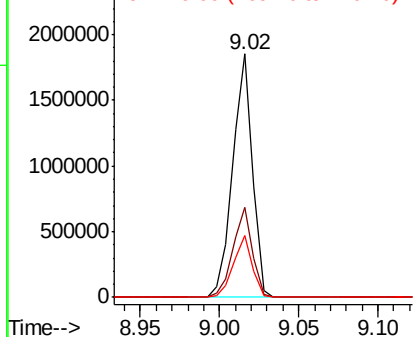
#45
2-Fluorobiphenyl
Concen: 52.555 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1597034
Ion Ratio Lower Upper
172 100
171 36.7 31.3 46.9
170 25.1 21.4 32.0

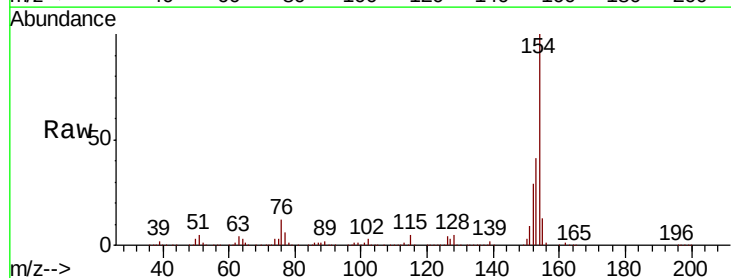


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

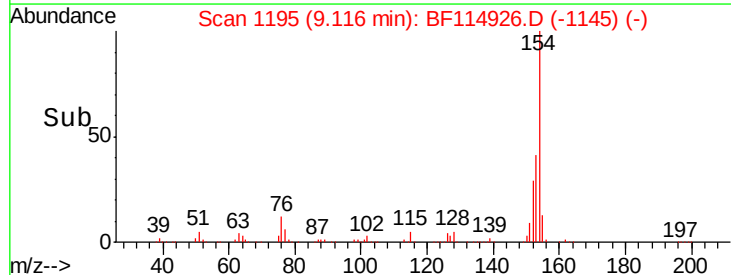
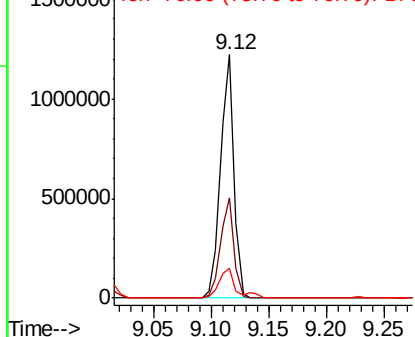


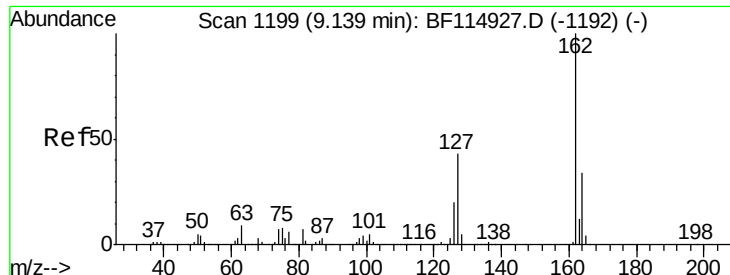
#46
1,1'-Biphenyl
Concen: 23.469 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion:154 Resp: 990130
Ion Ratio Lower Upper
154 100
153 41.2 22.8 62.8
76 12.1 0.0 33.0



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: 22.224 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampled :

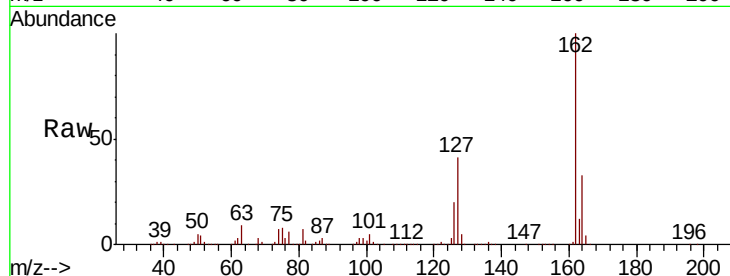
Tot Ion:162 Resp: 796731

Ion Ratio Lower Upper

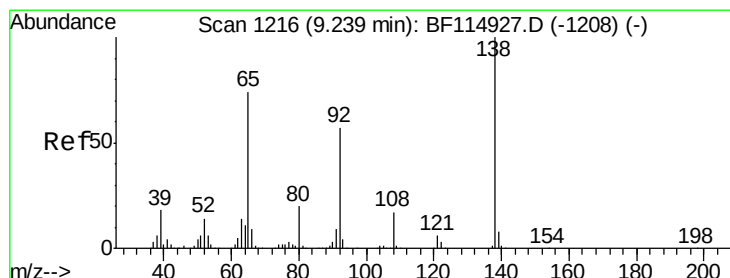
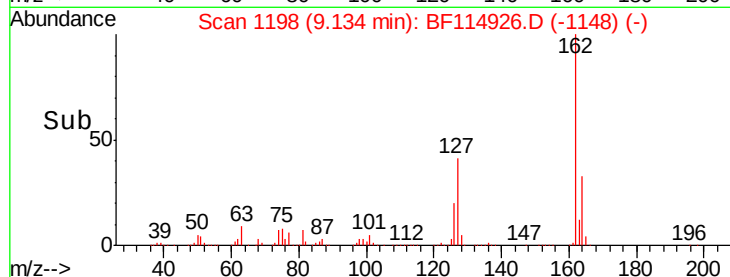
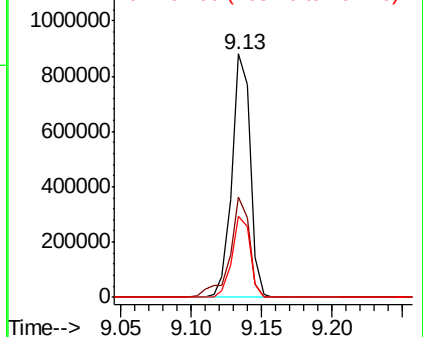
162 100

127 41.1 34.6 51.8

164 33.4 27.5 41.3



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: 20.714 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

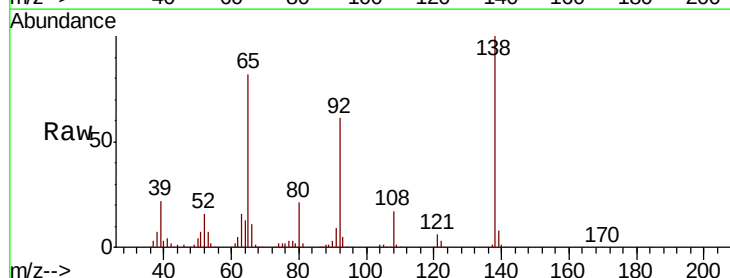
Tgt Ion: 65 Resp: 221601

Ion Ratio Lower Upper

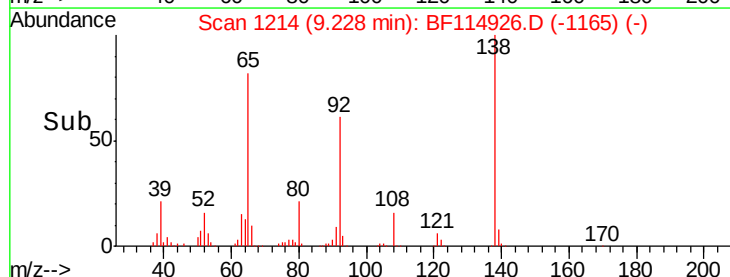
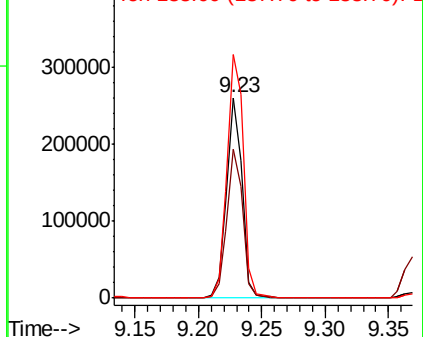
65 100

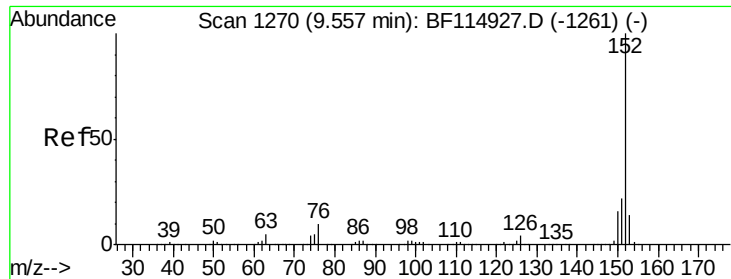
92 74.3 61.9 92.9

138 121.7 108.6 162.8



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: 23.697 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

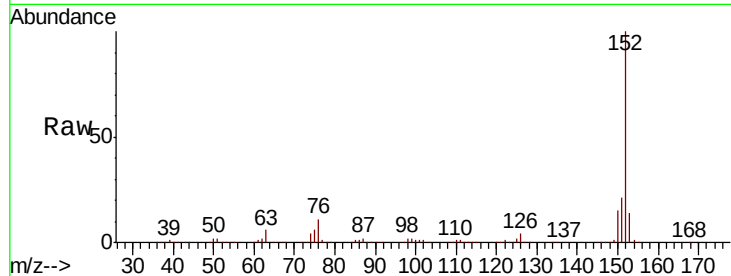
Tot Ion:152 Resp: 1231940

Ion Ratio Lower Upper

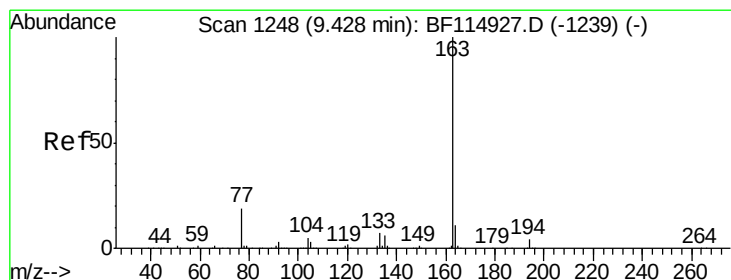
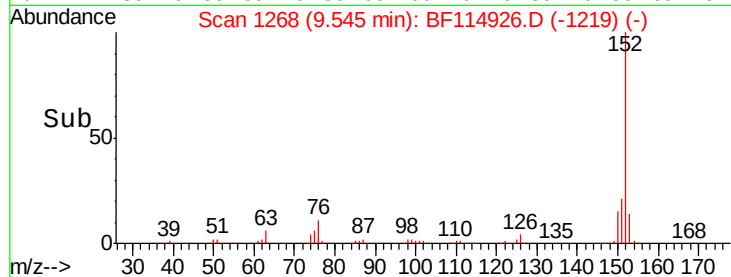
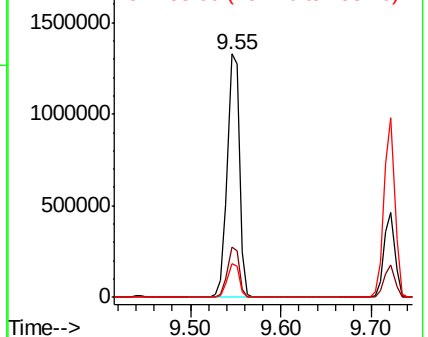
152 100

151 20.6 17.6 26.4

153 13.9 11.4 17.0



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: 22.121 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

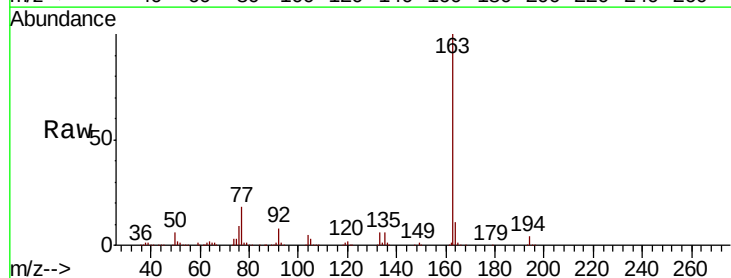
Tgt Ion:163 Resp: 919709

Ion Ratio Lower Upper

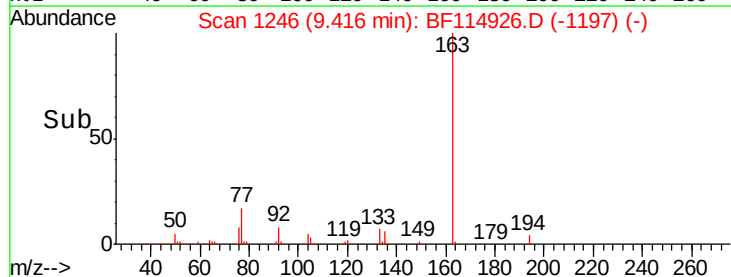
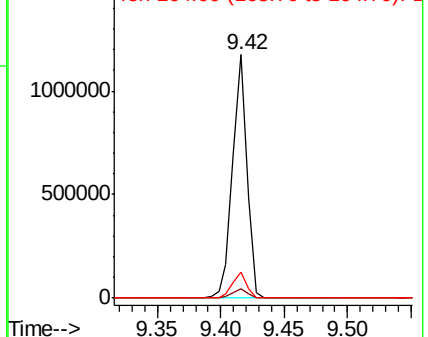
163 100

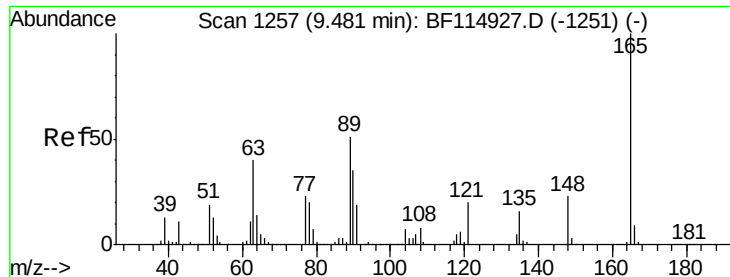
194 4.0 3.4 5.0

164 10.6 8.7 13.1



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: 20.634 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

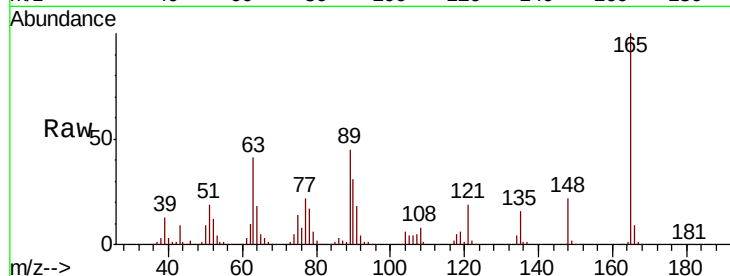
Tot Ion:165 Resp: 201756

Ion Ratio Lower Upper

165 100

63 40.9 38.3 57.5

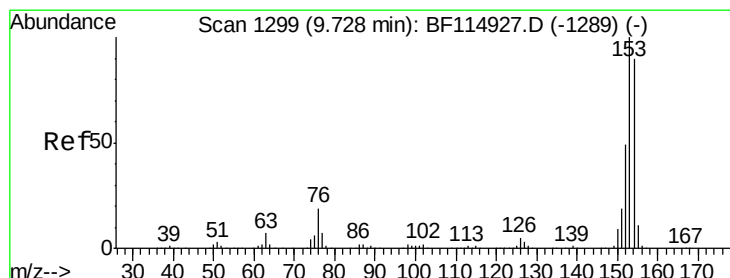
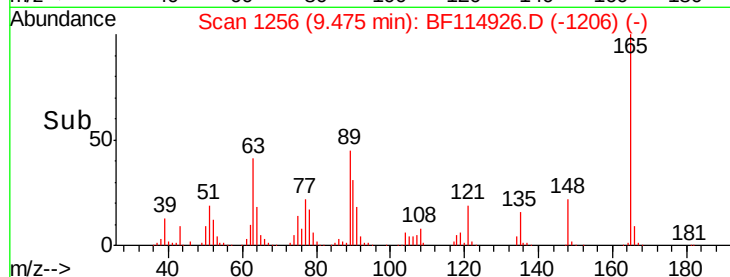
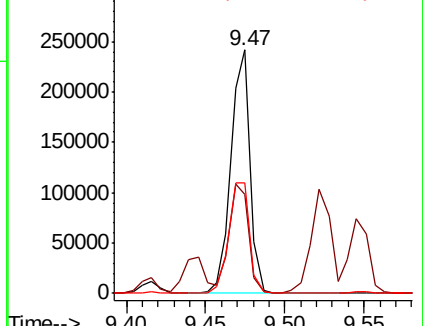
89 45.2 40.8 61.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 21.386 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

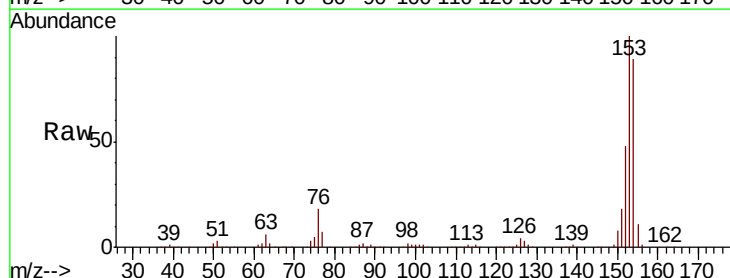
Tgt Ion:154 Resp: 728316

Ion Ratio Lower Upper

154 100

153 112.4 89.1 133.7

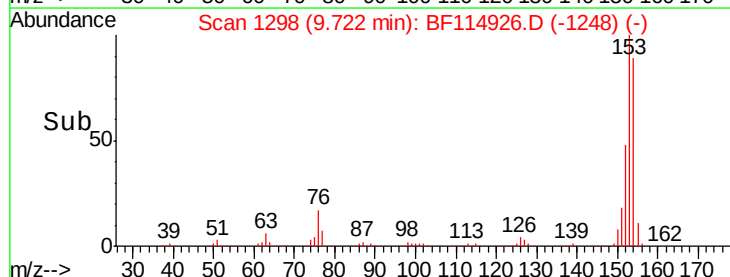
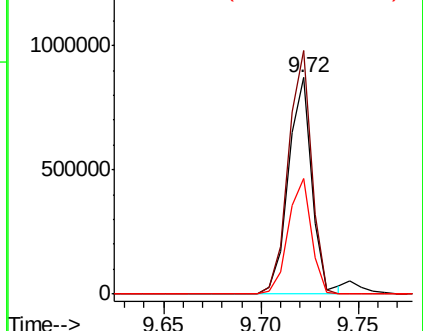
152 53.5 43.8 65.6

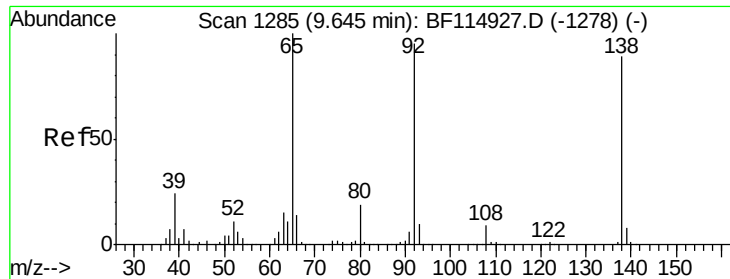


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

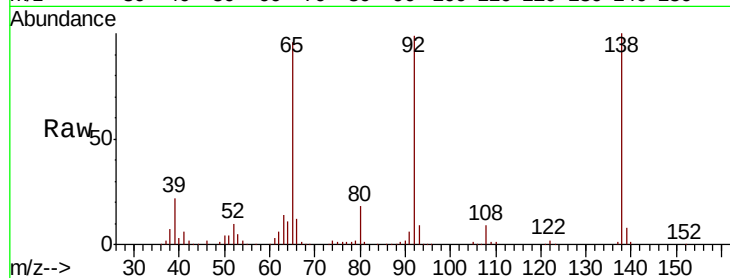




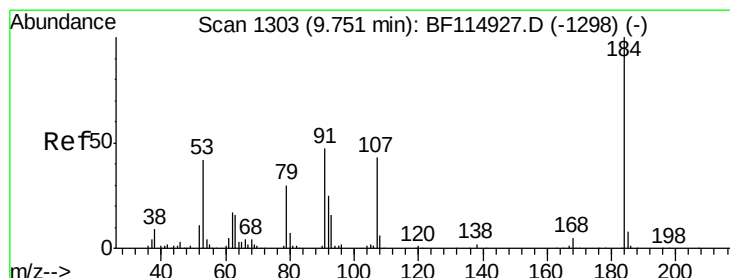
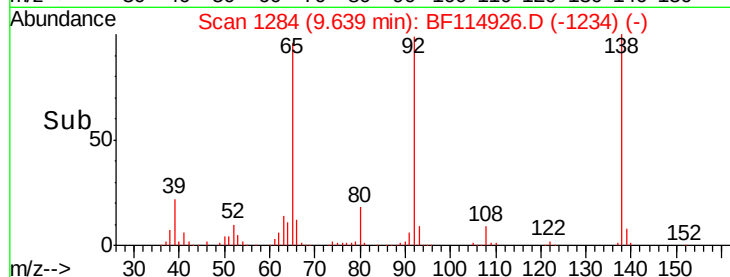
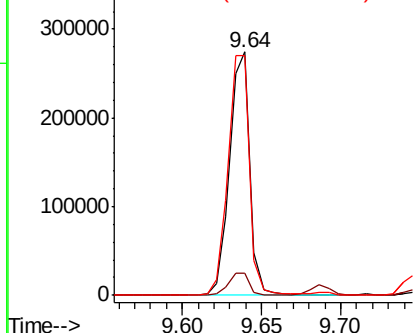
#53
3-Nitroaniline
Concen: 21.373 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 244130
Ion Ratio Lower Upper
138 100
108 9.2 7.9 11.9
92 98.7 85.0 127.6

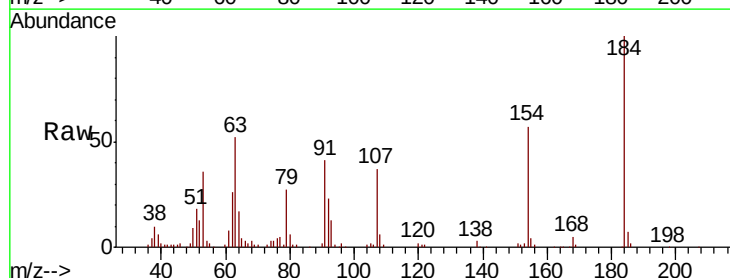


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

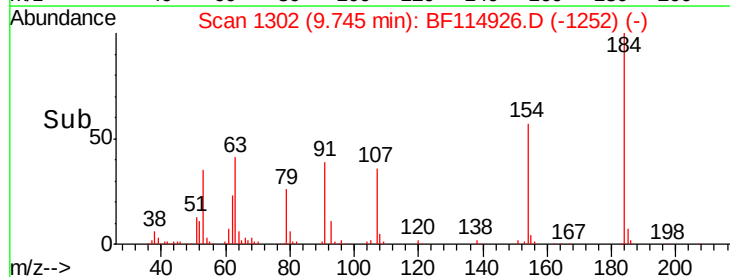
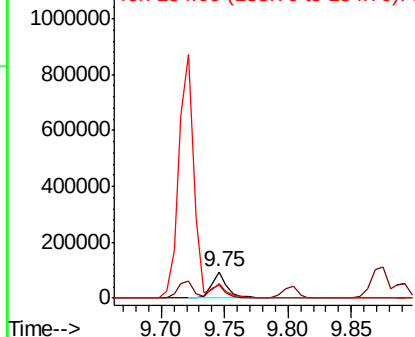


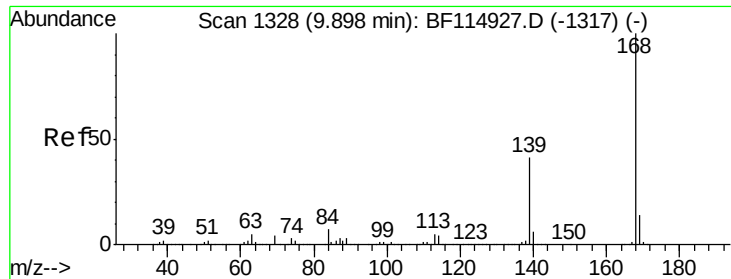
#54
2,4-Dinitrophenol
Concen: 18.945 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion:184 Resp: 83821
Ion Ratio Lower Upper
184 100
63 52.2 47.4 71.0
154 56.8 48.6 73.0



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

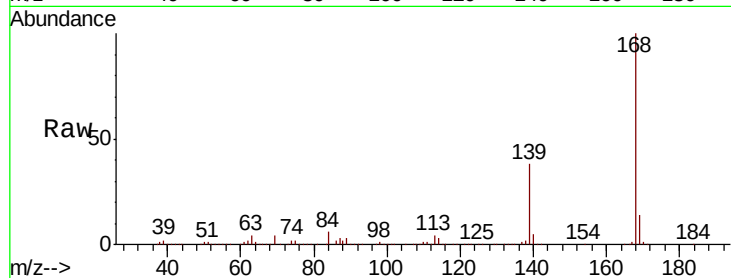




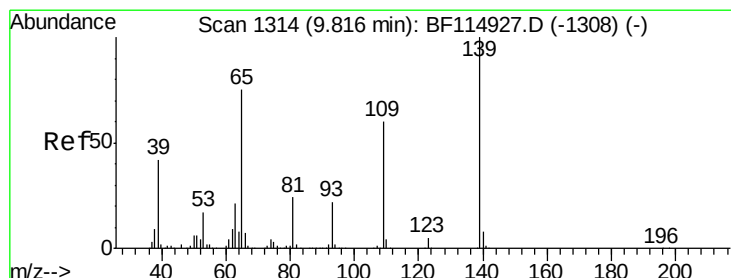
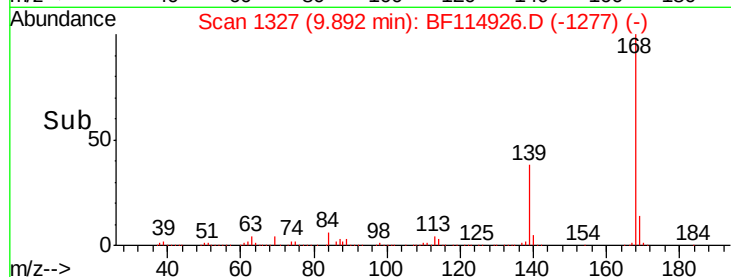
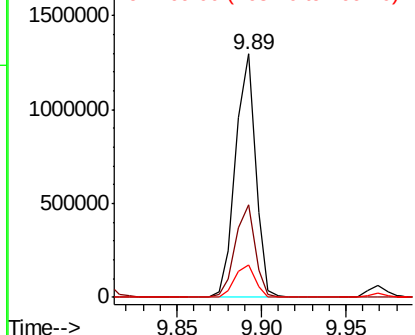
#55
Dibenzofuran
Concen: 22.636 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1071933
Ion Ratio Lower Upper
168 100
139 38.0 33.0 49.4
169 13.6 11.6 17.4

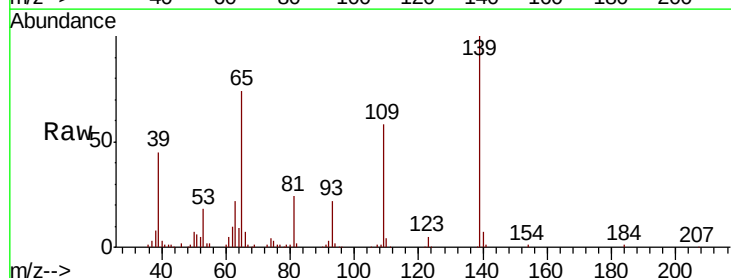


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

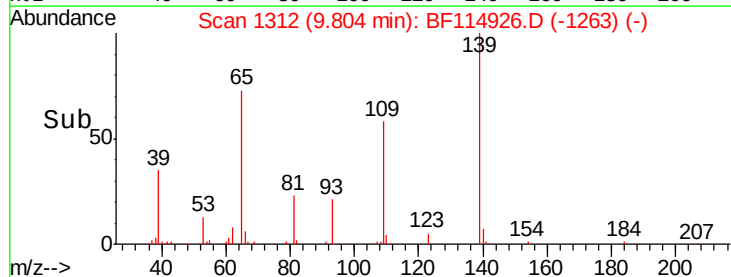
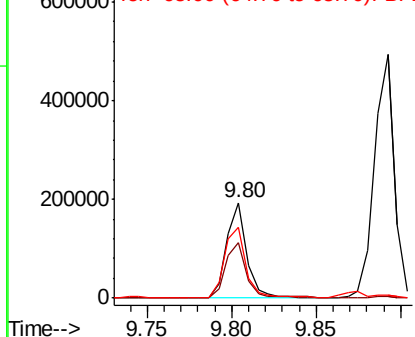


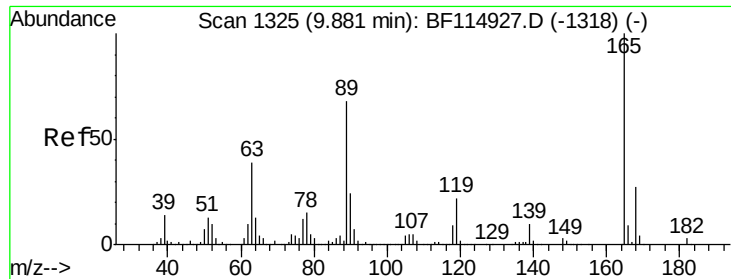
#56
4-Nitrophenol
Concen: 19.663 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion:139 Resp: 164576
Ion Ratio Lower Upper
139 100
109 57.7 40.0 80.0
65 74.4 55.0 95.0



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

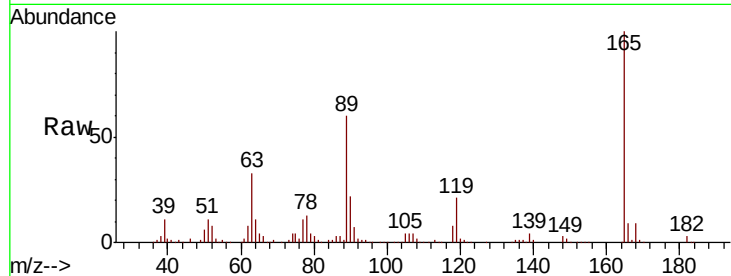




#57
2,4-Dinitrotoluene
Concen: 21.682 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	32.7	31.8	47.6
89	59.9	54.2	81.2
182	2.9	2.1	3.1



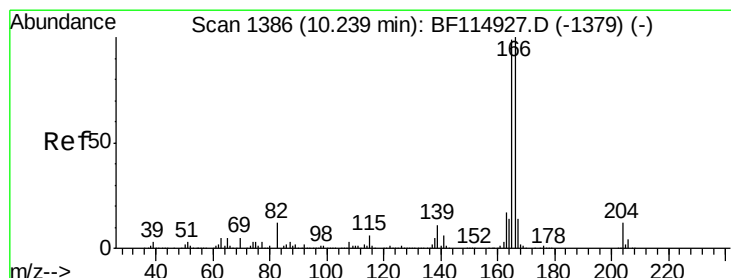
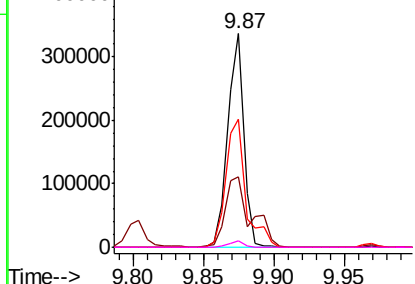
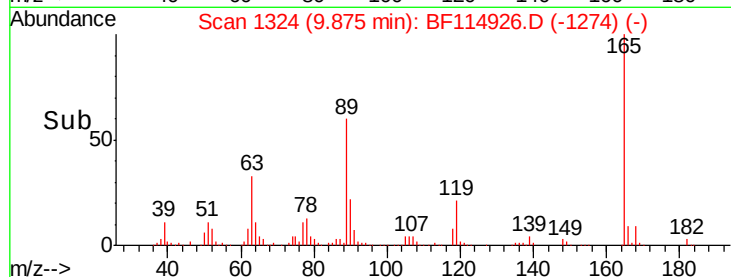
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

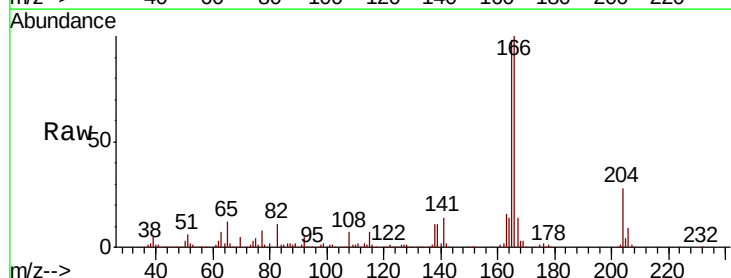
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 23.558 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.2	118.8
167	13.7	11.0	16.6

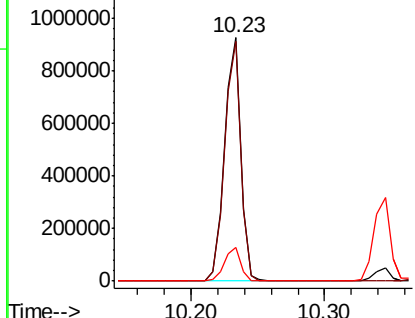
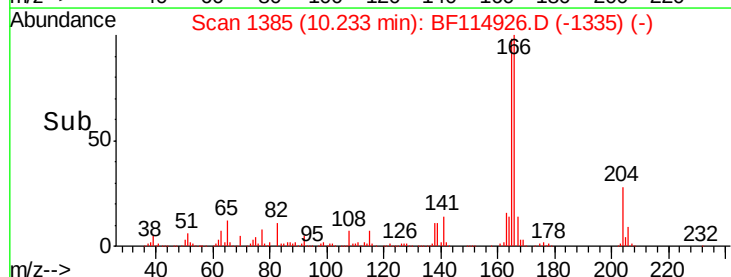


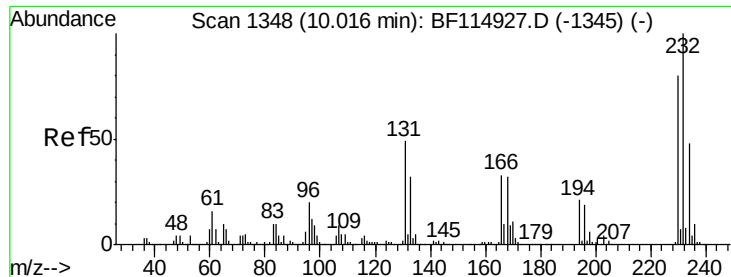
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

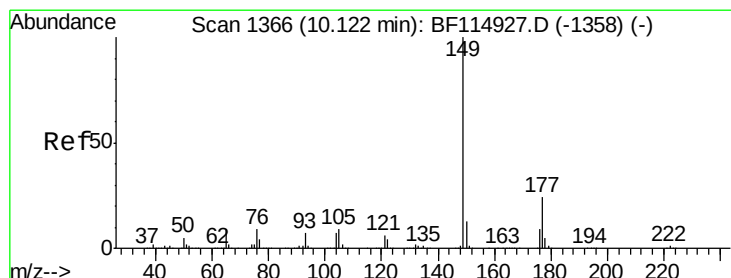
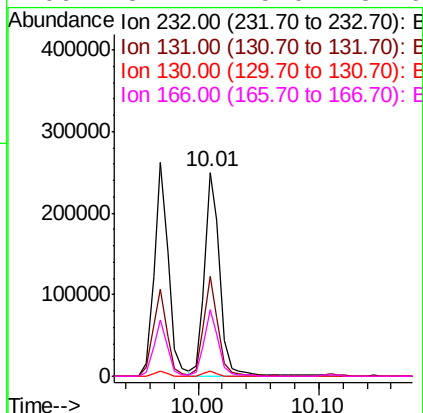
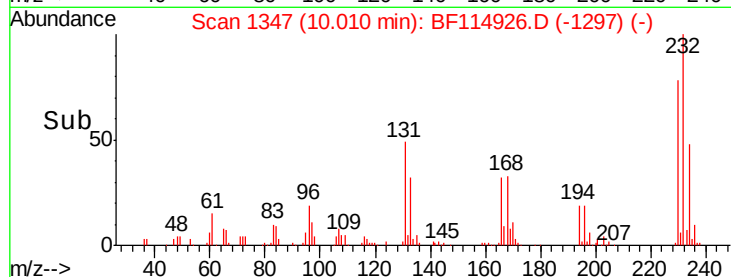
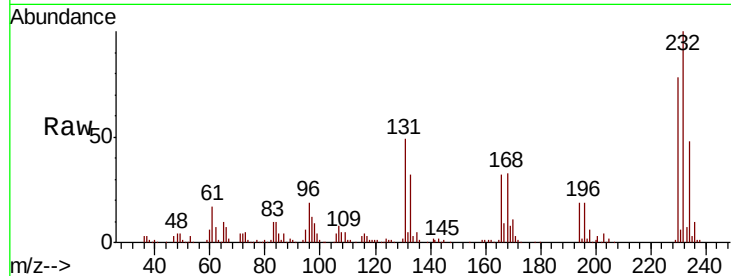




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.849 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

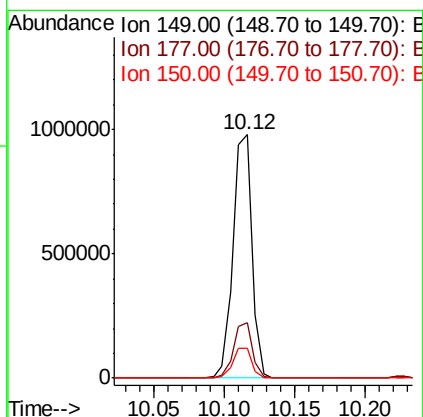
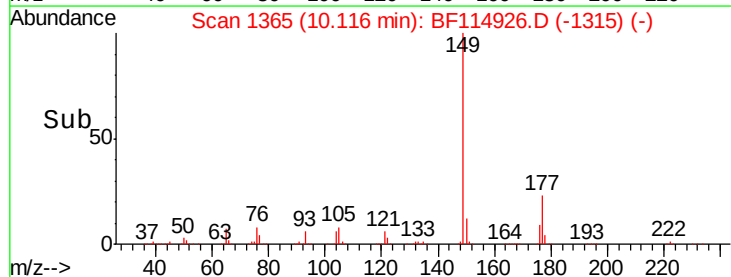
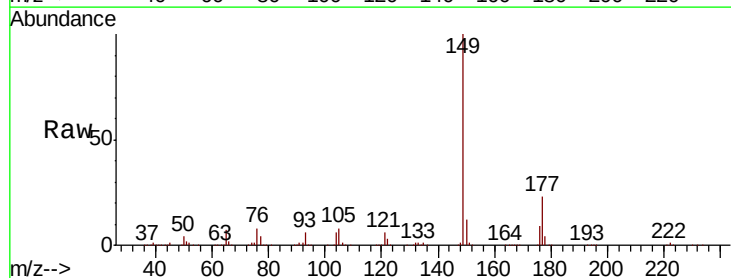
Instrument :
 BNA_F
 ClientSampleId :

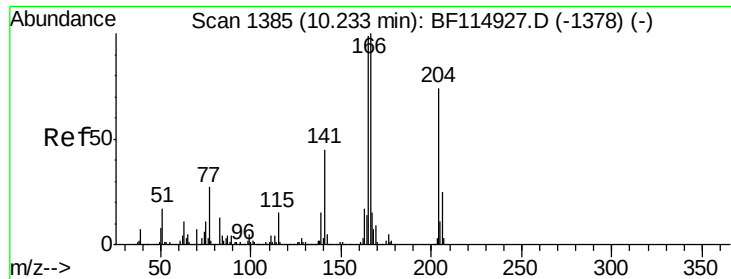
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.0	55.4
130	2.2	1.8	2.6
166	31.2	25.0	37.6



#60
 Diethylphthalate
 Concen: 21.967 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.1	28.7
150	12.2	10.6	16.0

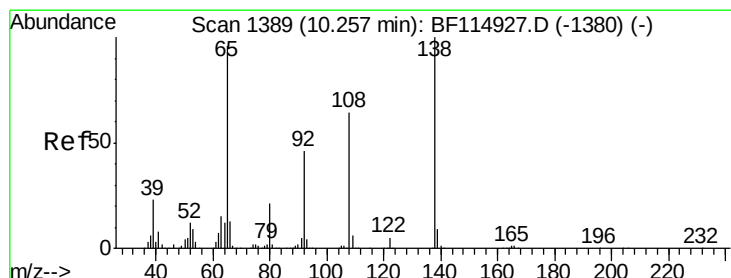
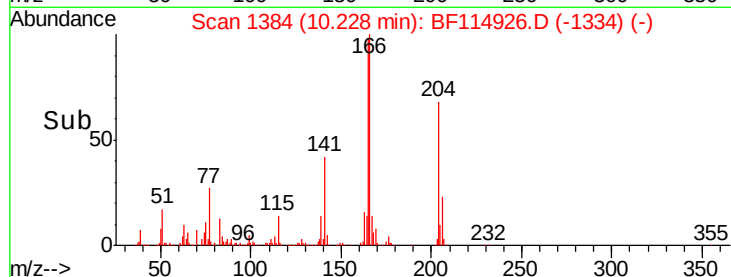
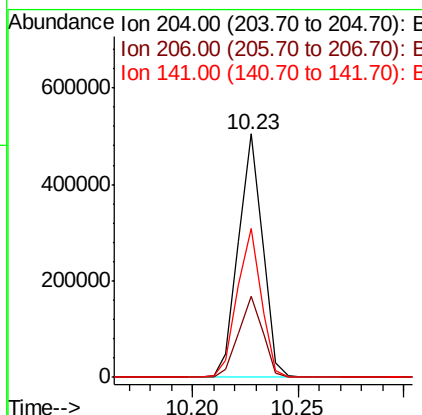
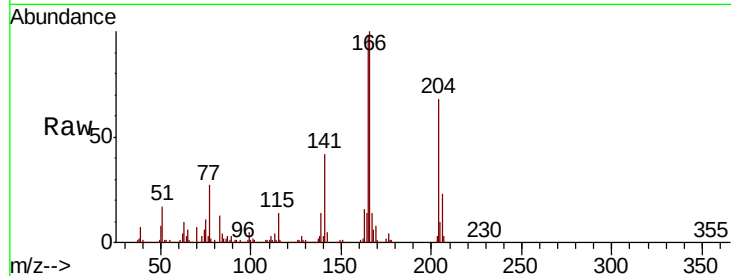




#61
4-Chlorophenyl-phenylether
Concen: 22.051 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

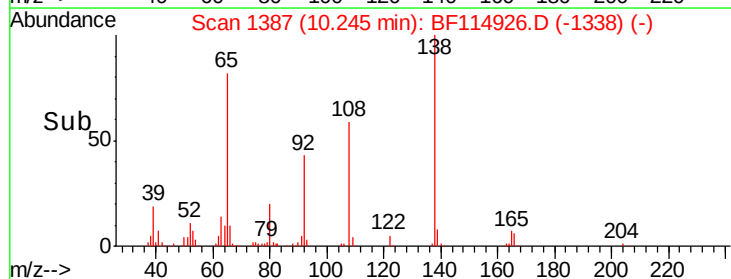
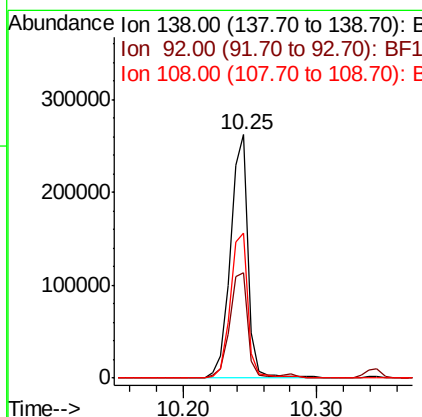
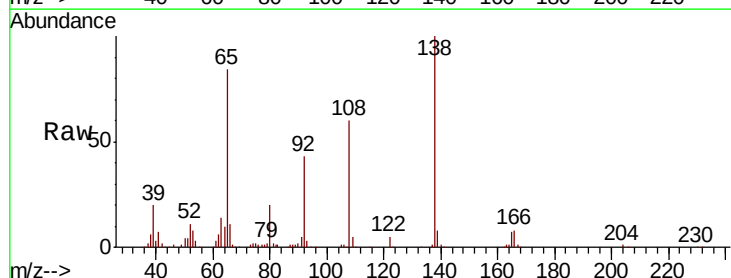
Instrument :
BNA_F
ClientSampleId :

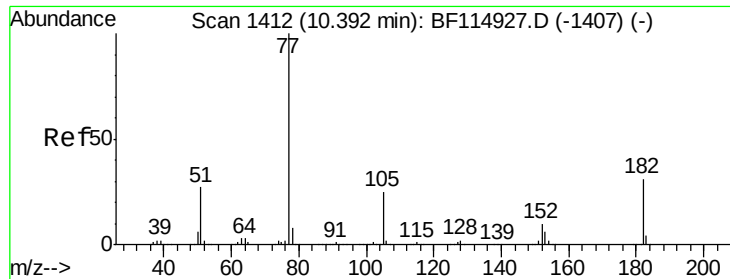
Tot Ion:204 Resp: 399960
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 61.0 48.5 72.7



#62
4-Nitroaniline
Concen: 22.181 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion:138 Resp: 245738
Ion Ratio Lower Upper
138 100
92 43.0 26.0 66.0
108 59.6 44.0 84.0





#63

Azobenzene

Concen: 22.607 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 802831

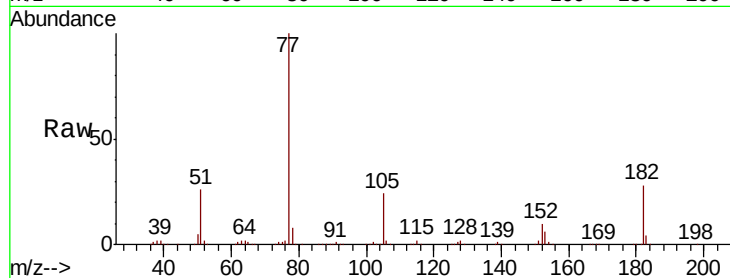
Ion Ratio Lower Upper

77 100

182 28.2 10.8 50.8

105 23.8 5.3 45.3

51 25.7 6.8 46.8

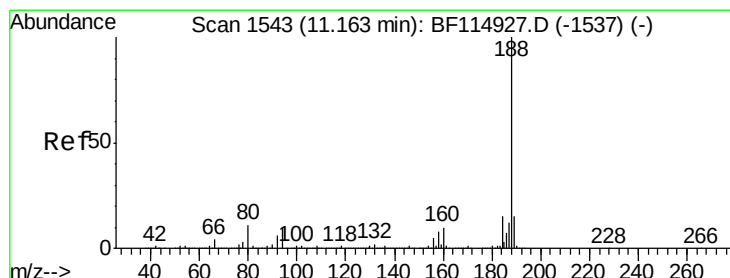
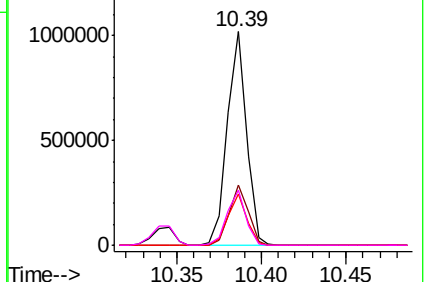
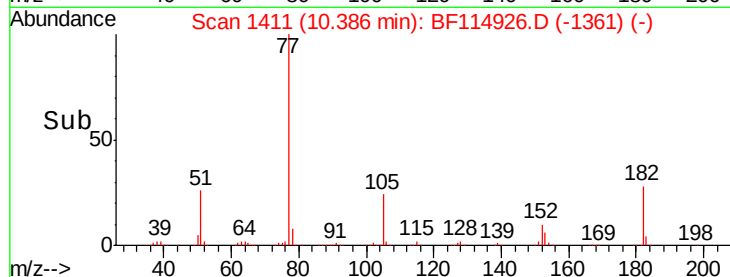


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

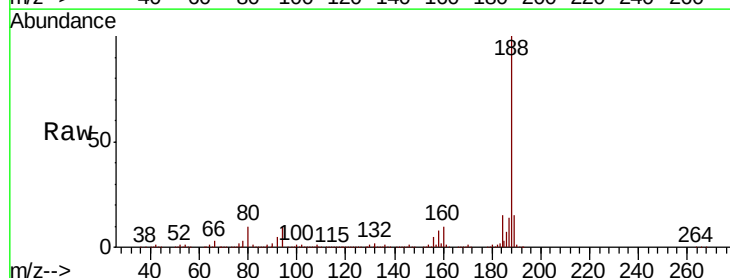
Tgt Ion: 188 Resp: 1126760

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

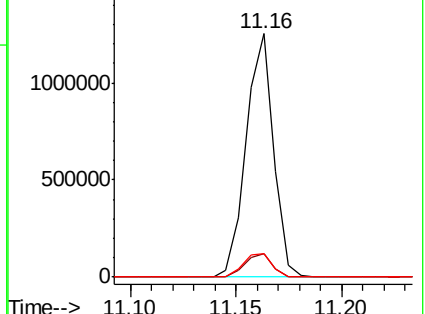
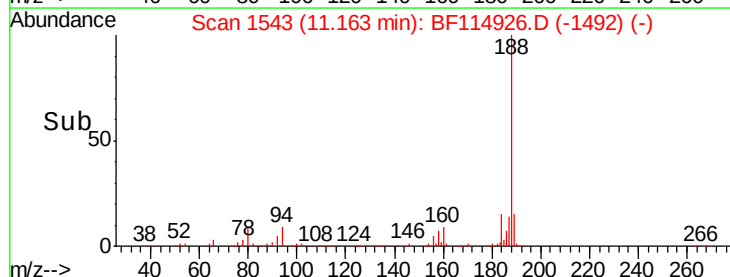
80 9.6 8.6 12.8

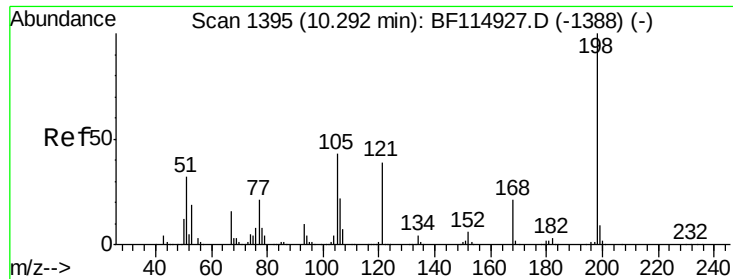


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

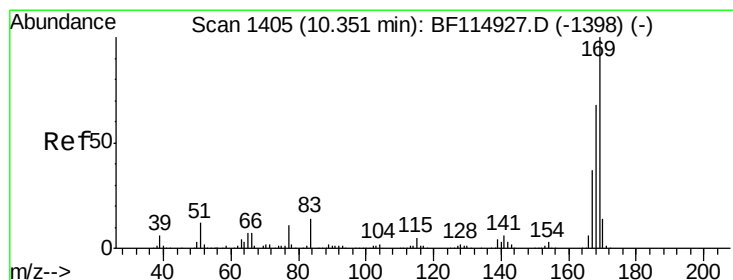
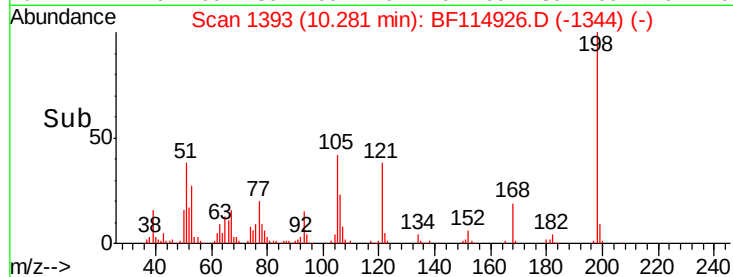
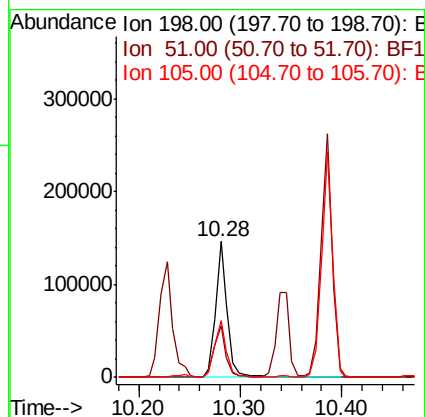
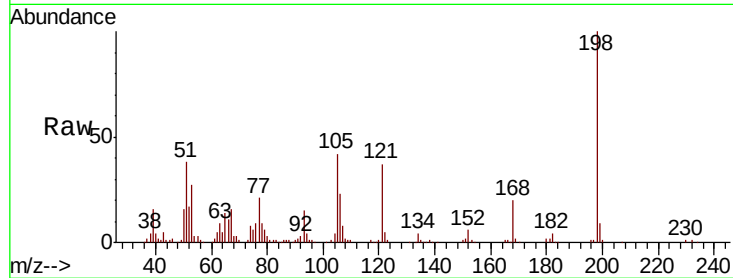




#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.985 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

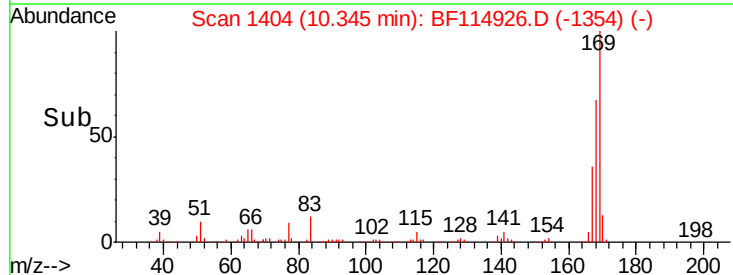
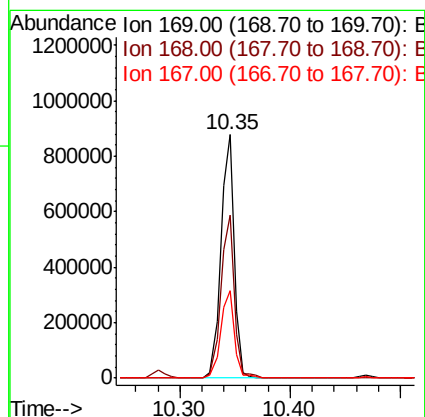
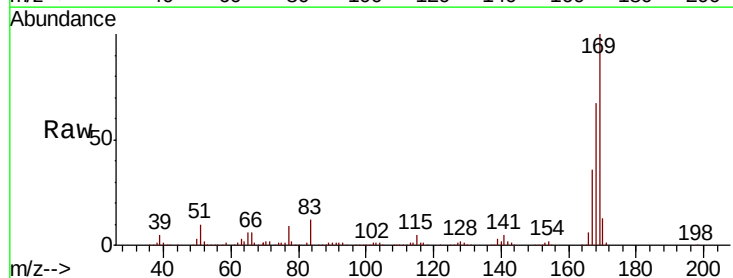
Instrument :
 BNA_F
 ClientSampleId :

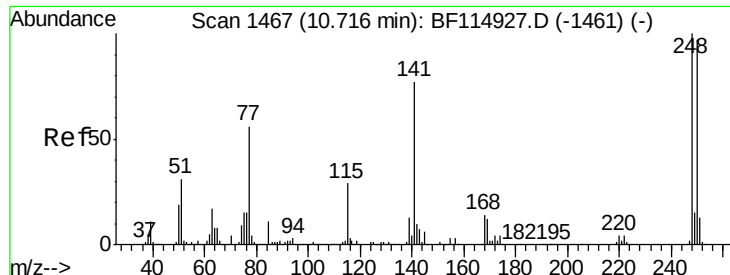
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.2	16.8	56.8
105	41.9	23.5	63.5



#66
 n-Nitrosodiphenylamine
 Concen: 21.562 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.2	81.2
167	36.1	29.4	44.2

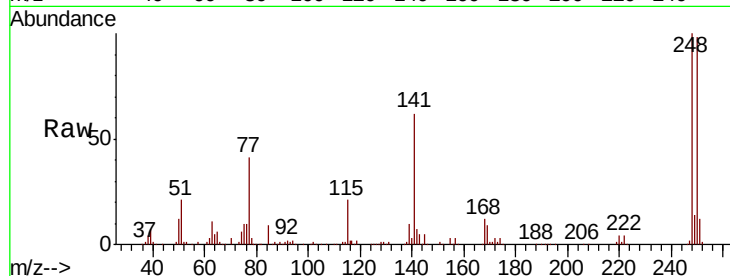




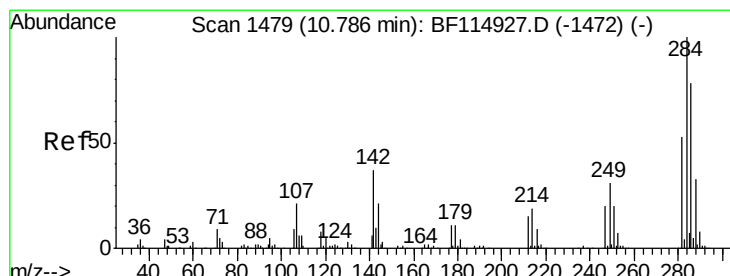
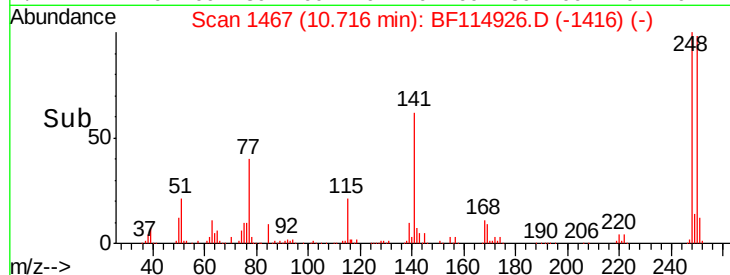
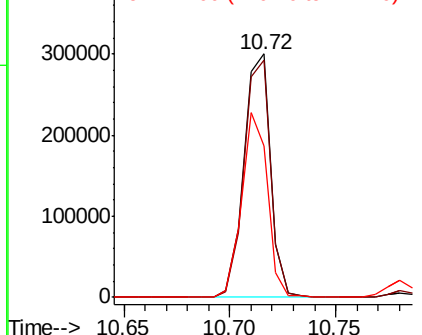
#67
 4-Bromophenyl-phenylether
 Concen: 20.594 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.4	116.0
141	62.2	61.8	92.6

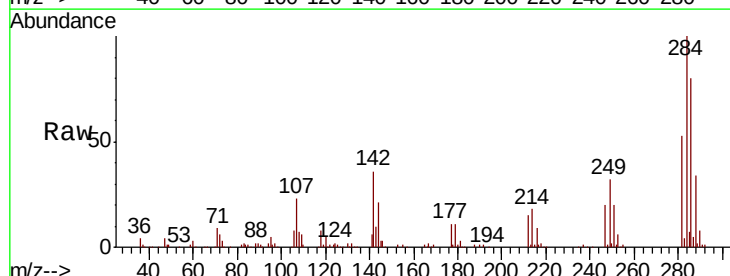


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

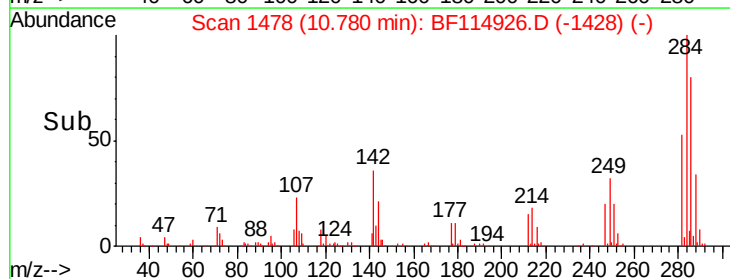
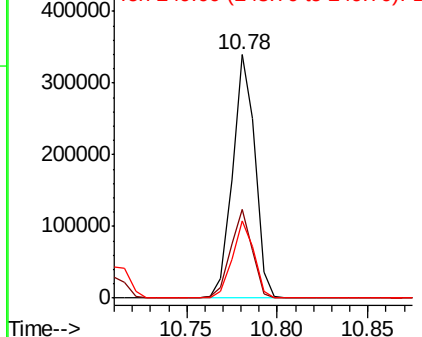


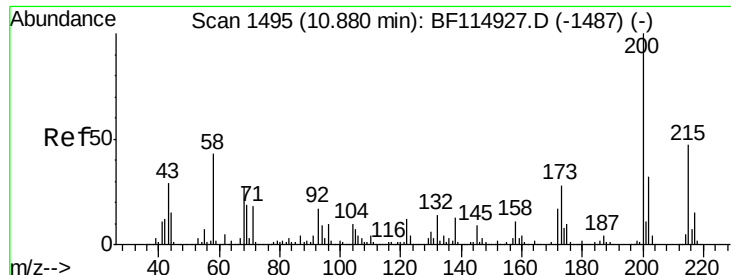
#68
 Hexachlorobenzene
 Concen: 20.796 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	29.3	43.9
249	31.5	25.1	37.7



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

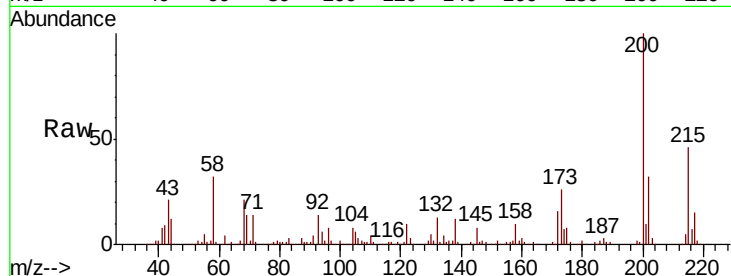




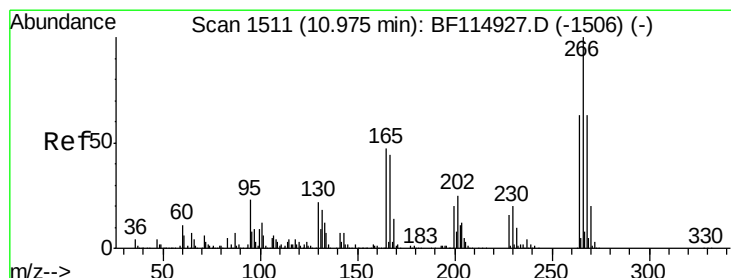
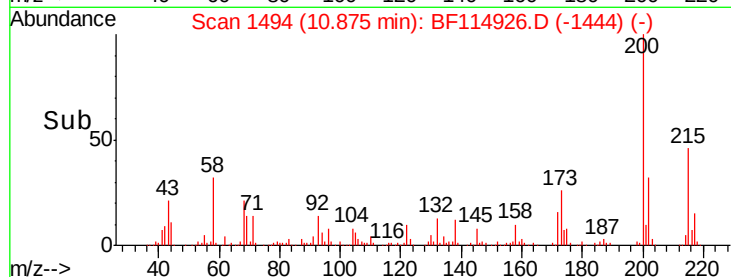
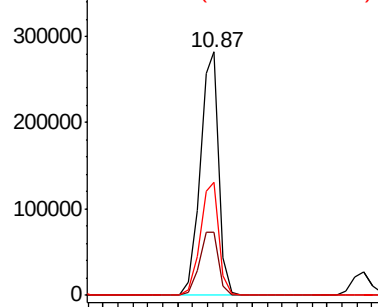
#69
 Atrazine
 Concen: 20.942 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	8.3	48.3
215	46.4	26.6	66.6

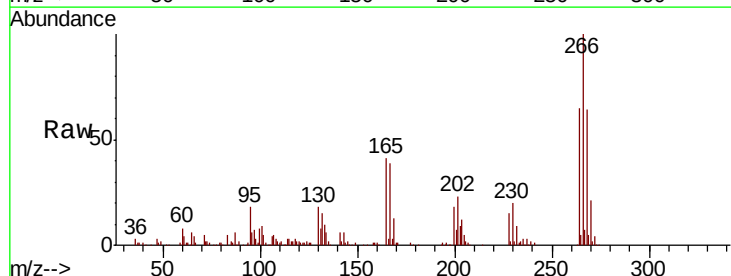


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

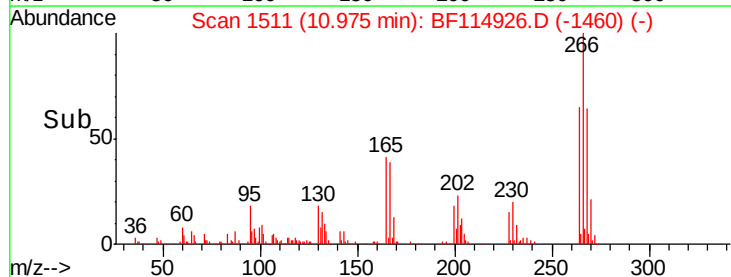
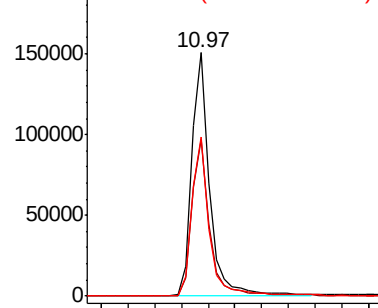


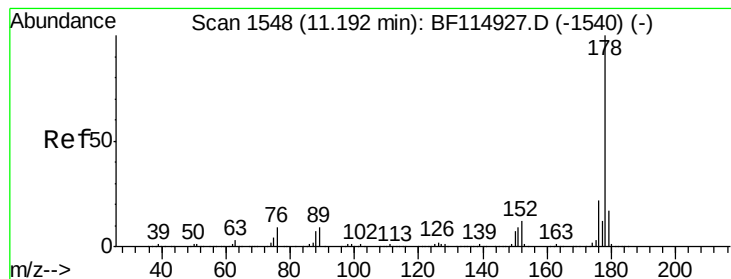
#70
 Pentachlorophenol
 Concen: 17.812 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.8	76.2
264	65.4	50.4	75.6



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 23.407 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

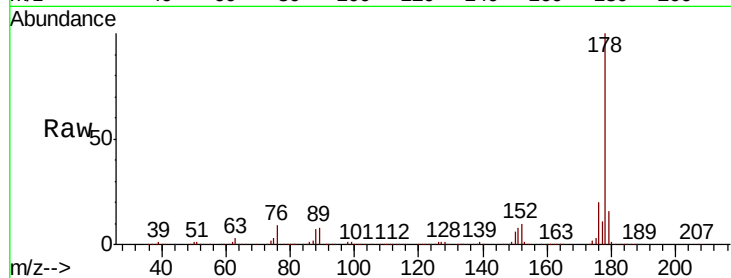
Tot Ion:178 Resp: 1259056

Ion	Ratio	Lower	Upper
178	100		
176	20.1	17.4	26.2
179	15.9	13.6	20.4

178 100

176 20.1 17.4 26.2

179 15.9 13.6 20.4

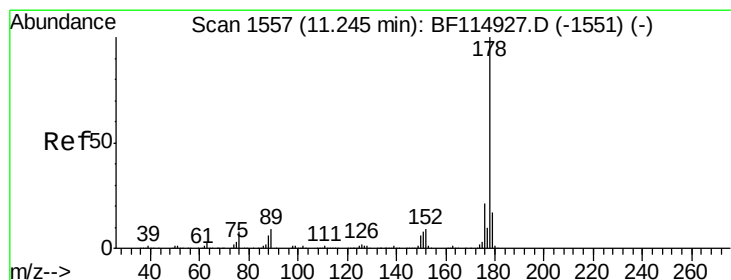
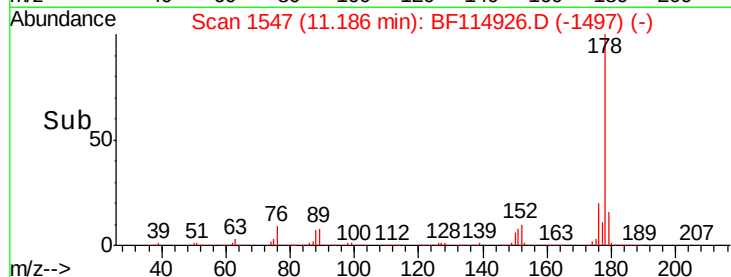
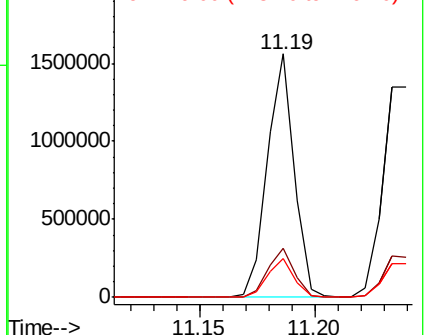


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 22.652 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

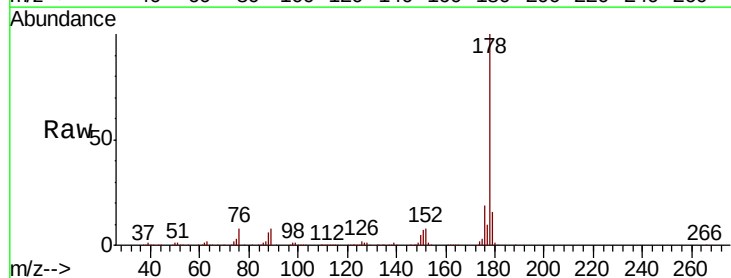
Tgt Ion:178 Resp: 1282322

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.9	13.4	20.2

178 100

176 19.3 16.6 25.0

179 15.9 13.4 20.2

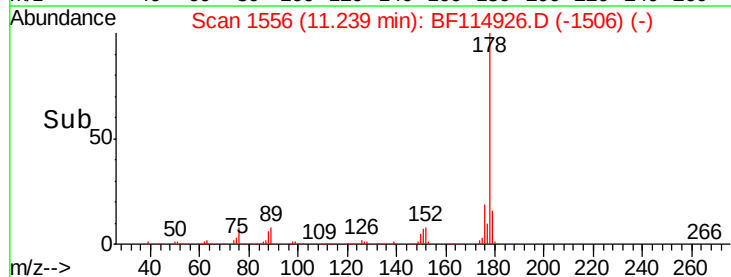
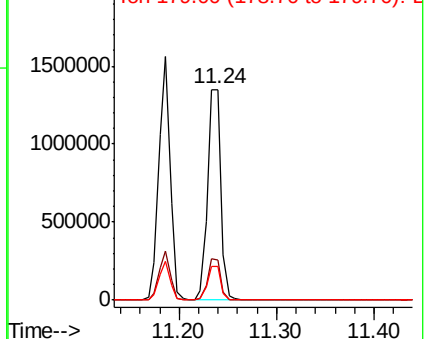


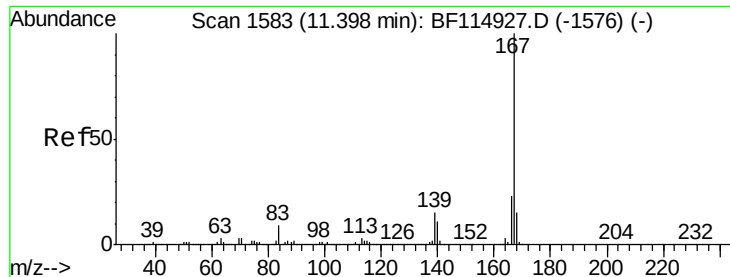
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



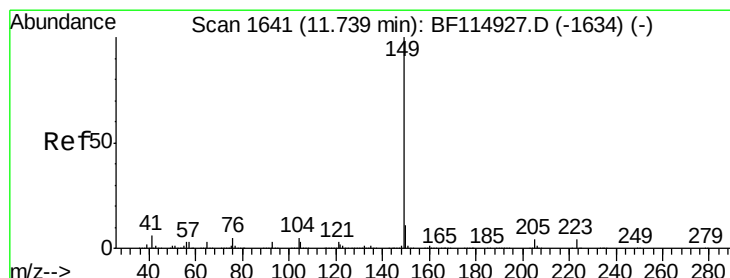
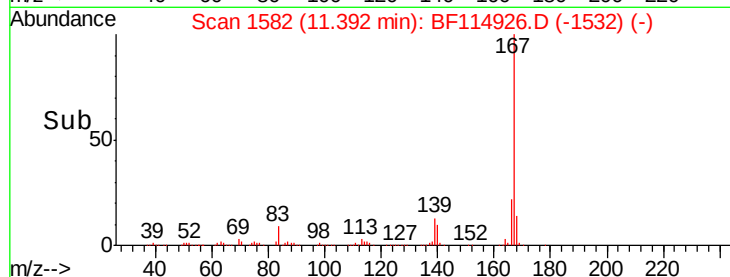
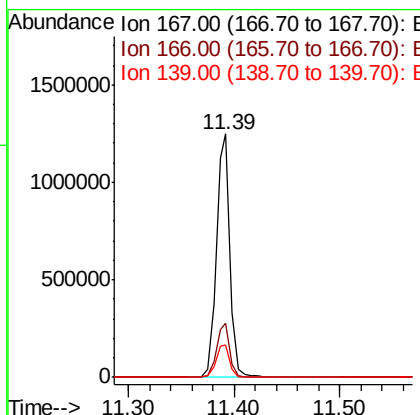
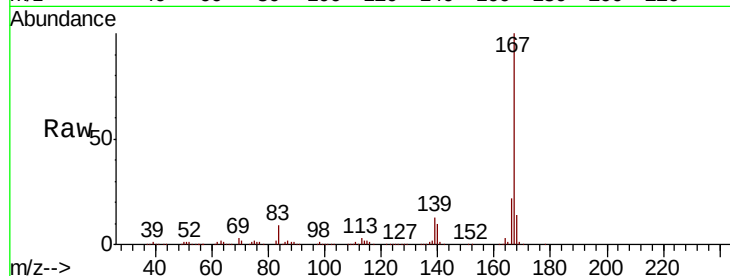


#73
 Carbazole
 Concen: 23.466 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1138759

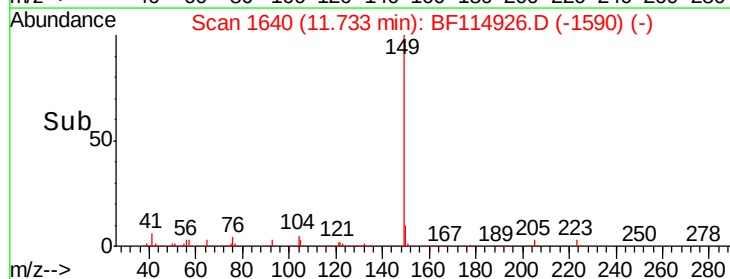
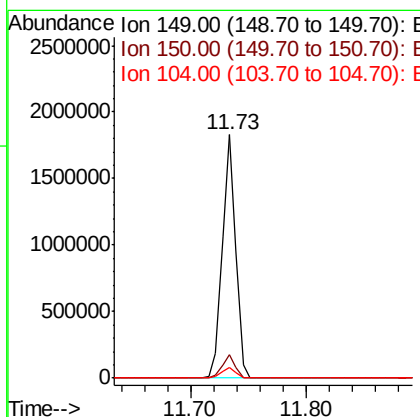
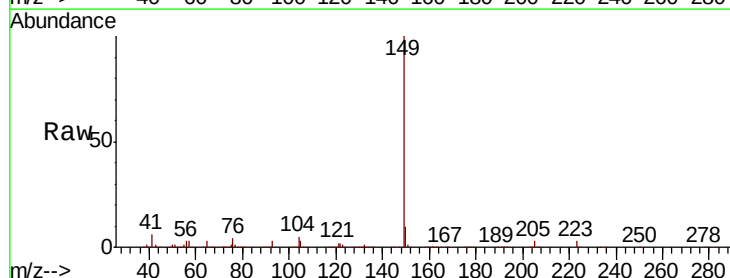
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.8	28.2
139	13.3	11.6	17.4

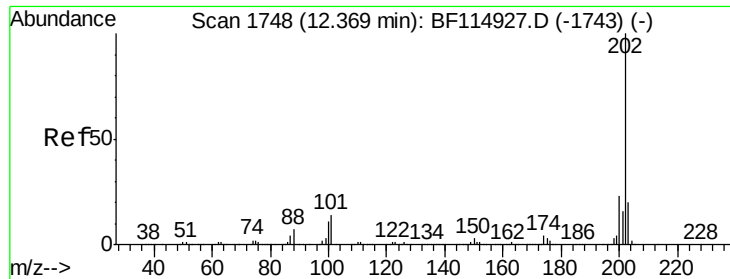


#74
 Di-n-butylphthalate
 Concen: 23.002 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion:149 Resp: 1468137

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.5	12.7
104	4.6	4.1	6.1

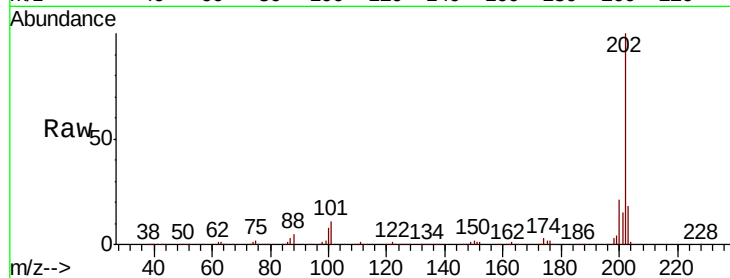




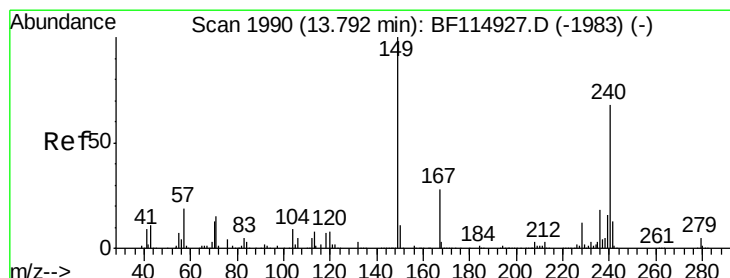
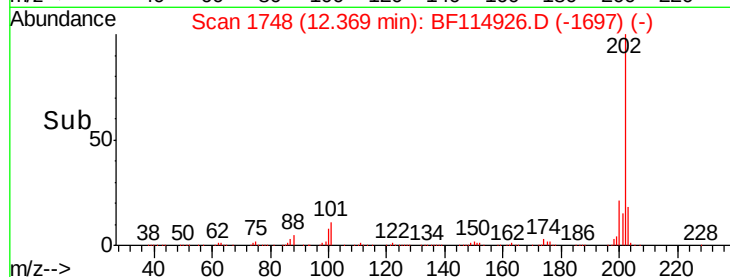
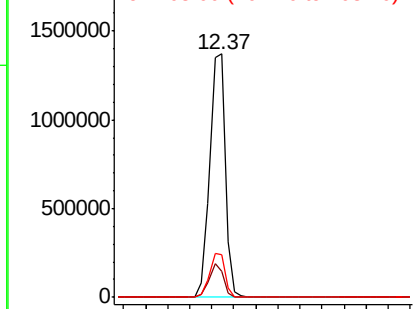
#75
Fluoranthene
Concen: 23.301 ng
RT: 12.37 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1304532
Ion Ratio Lower Upper
202 100
101 10.9 0.0 34.3
203 17.5 0.0 39.6

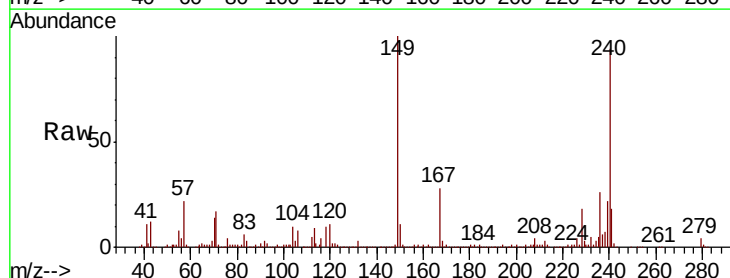


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

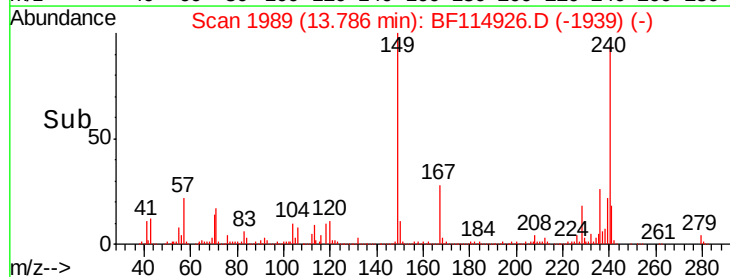
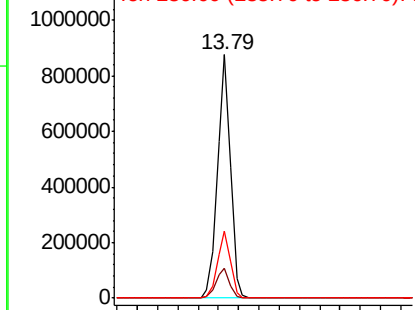


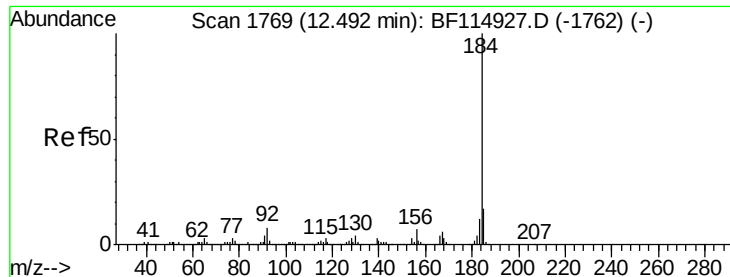
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion:240 Resp: 777773
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 27.5 21.7 32.5



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: 19.922 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

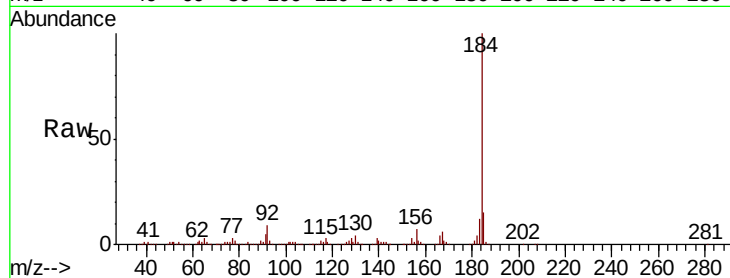
Tot Ion:184 Resp: 767057

Ion Ratio Lower Upper

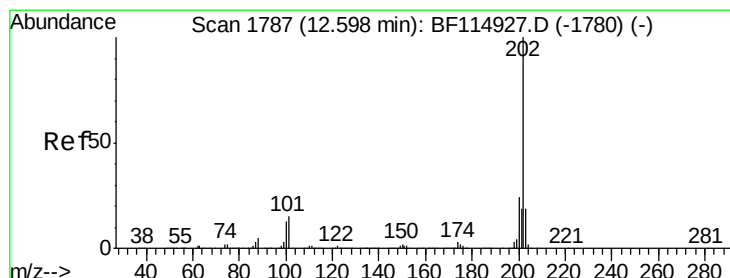
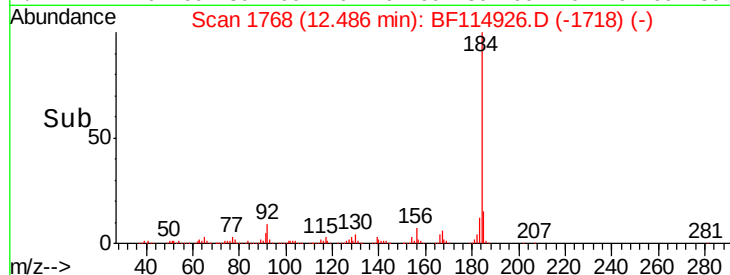
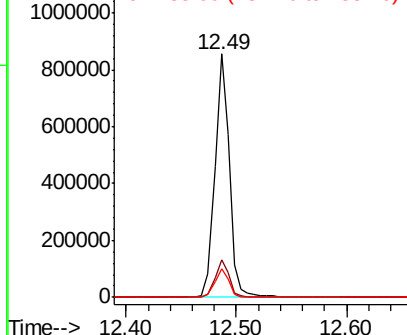
184 100

185 15.3 13.4 20.0

183 11.6 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: 19.689 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

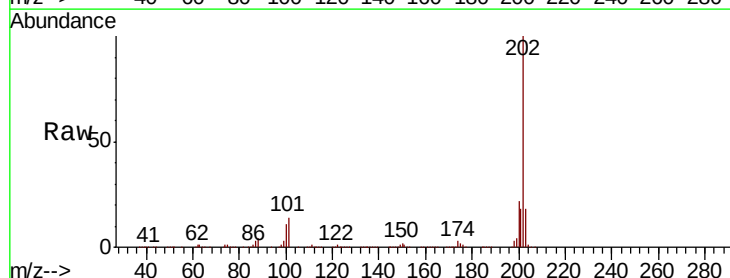
Tgt Ion:202 Resp: 1328475

Ion Ratio Lower Upper

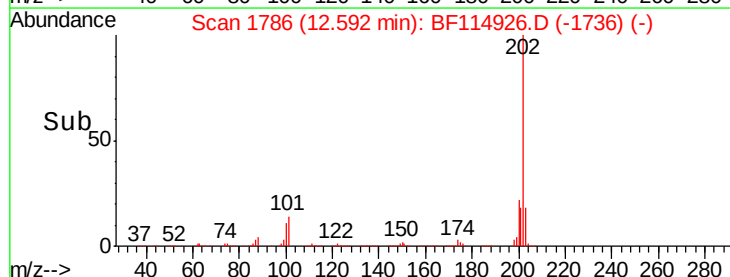
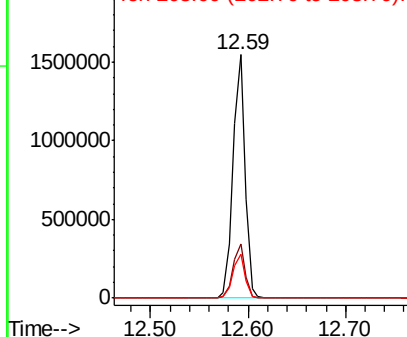
202 100

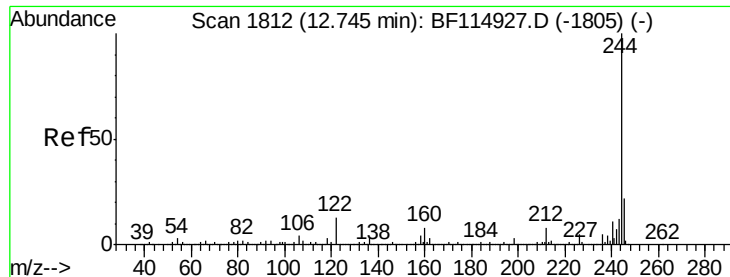
200 22.0 18.9 28.3

203 18.0 15.2 22.8



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



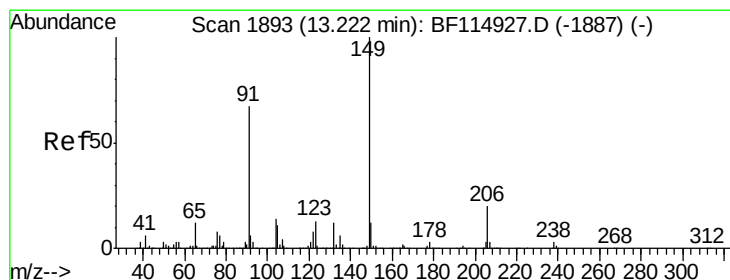
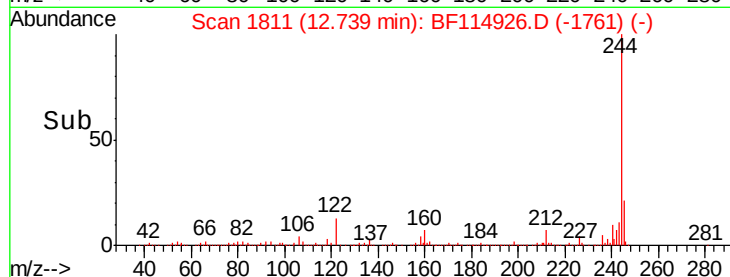
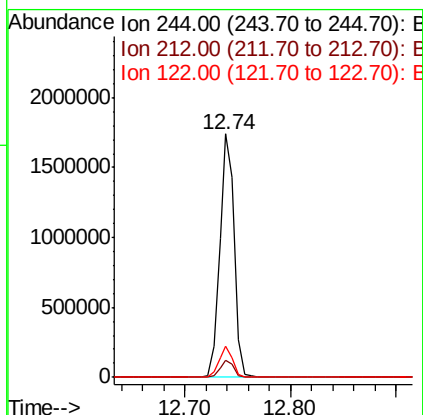
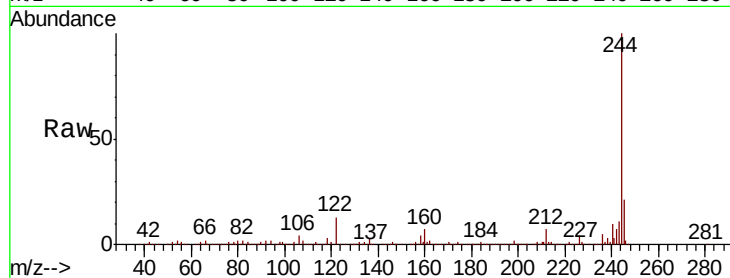


#79
 Terphenyl-d14
 Concen: 41.687 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1667212

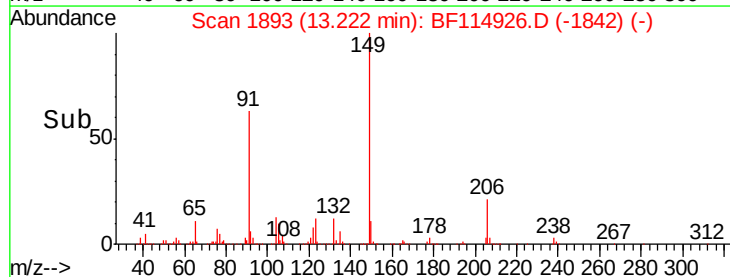
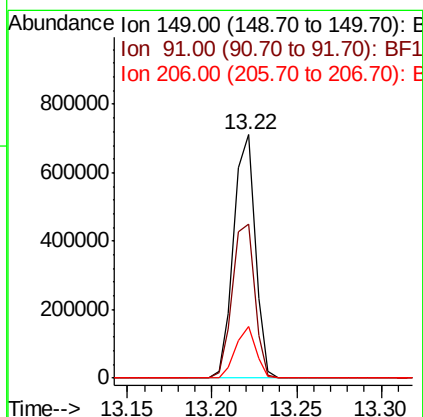
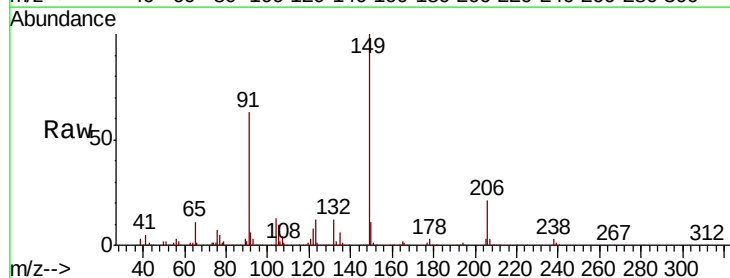
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	13.0	10.2	15.4

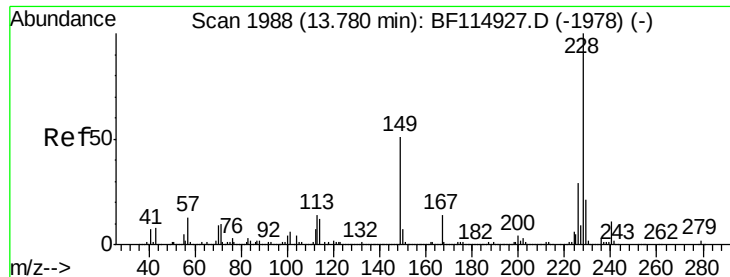


#80
 Butylbenzylphthalate
 Concen: 18.545 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion:149 Resp: 631864

Ion	Ratio	Lower	Upper
149	100		
91	63.4	53.8	80.8
206	21.4	16.3	24.5





#81

Benzo(a)anthracene

Concen: 19.674 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

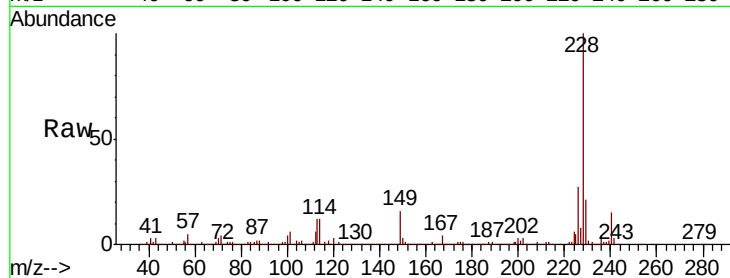
Tot Ion:228 Resp: 1179172

Ion Ratio Lower Upper

228 100

226 27.2 22.8 34.2

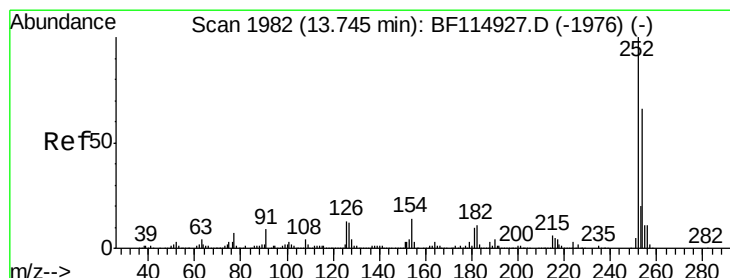
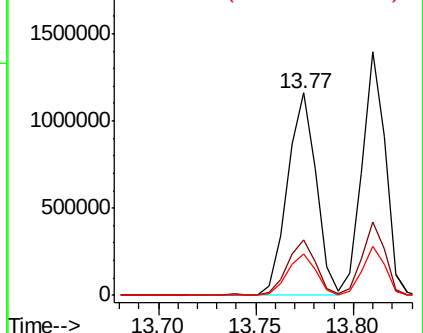
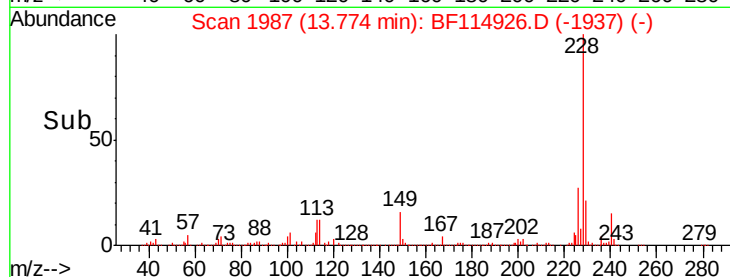
229 20.5 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.832 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

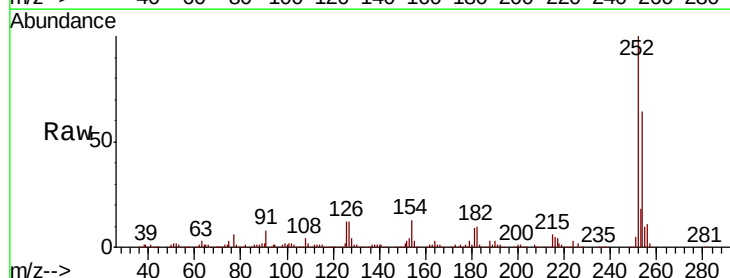
Tgt Ion:252 Resp: 481988

Ion Ratio Lower Upper

252 100

254 64.2 52.6 78.8

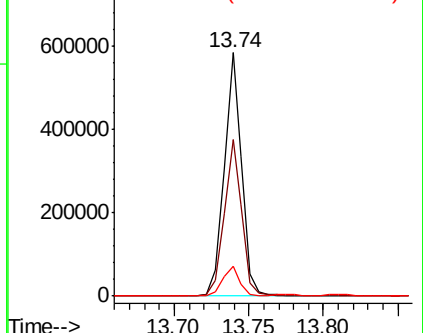
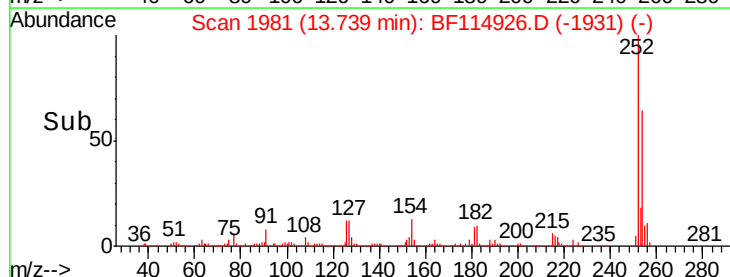
126 12.0 10.4 15.6

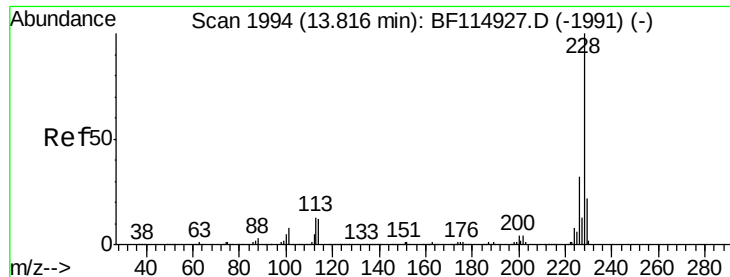


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 19.846 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

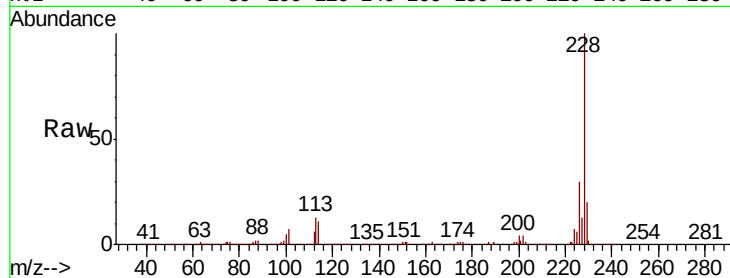
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1157143

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.8	38.8
229	20.4	17.2	25.8

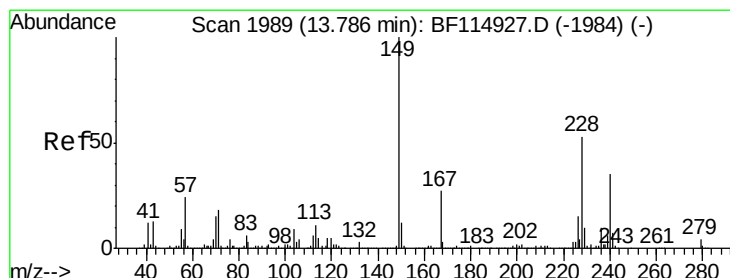
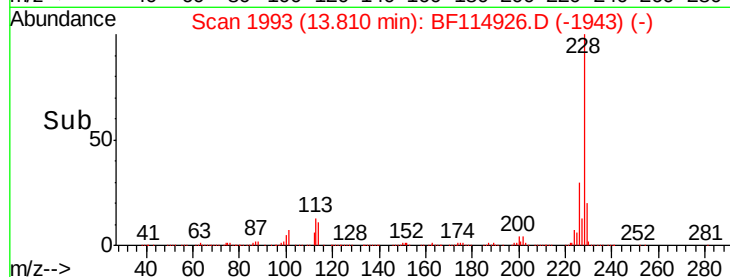
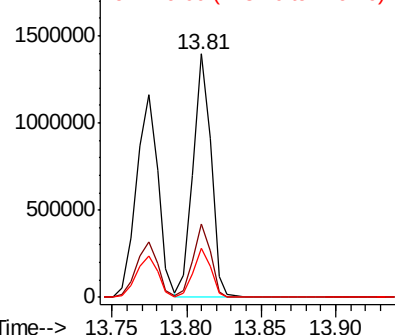


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.987 ng

RT: 13.79 min Scan# 1989

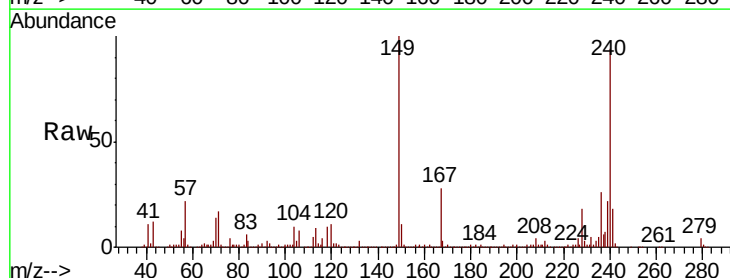
Delta R.T. 0.00 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:149 Resp: 818044

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.9	32.9
279	3.8	3.2	4.8

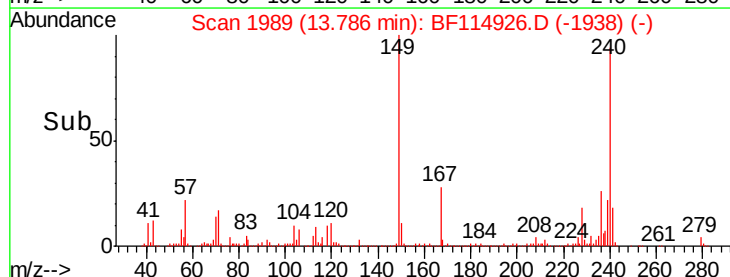
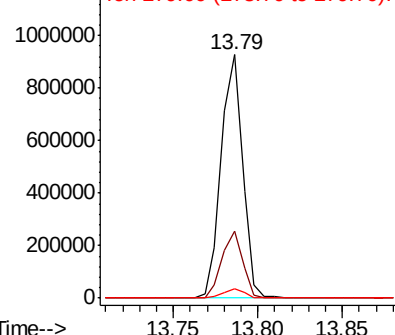


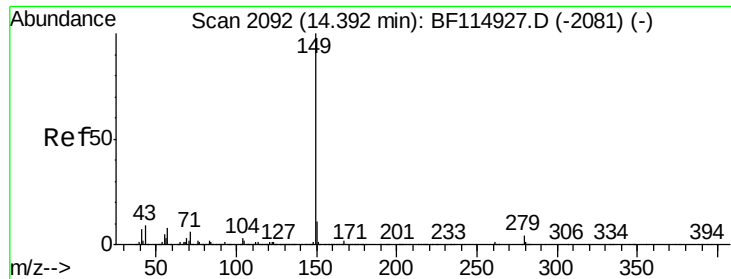
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 19.975 ng

RT: 14.39 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

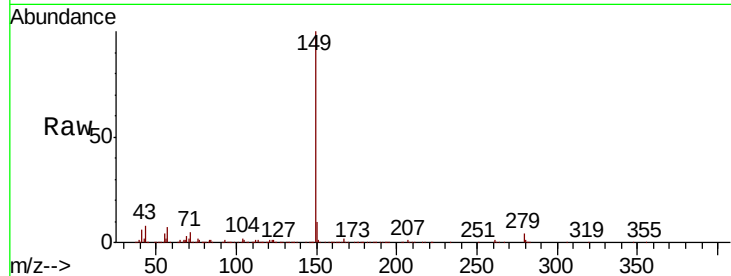
Tot Ion:149 Resp: 1462297

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

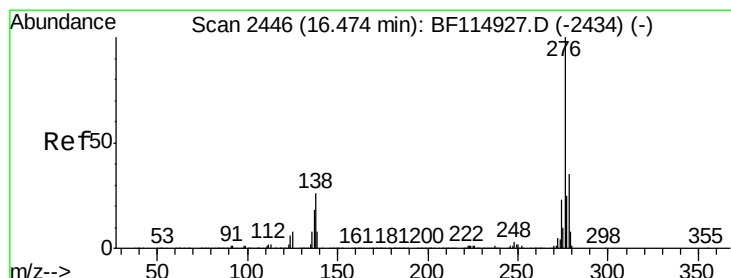
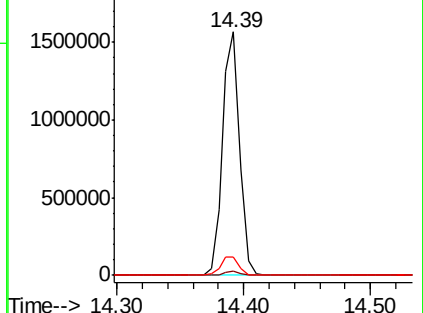
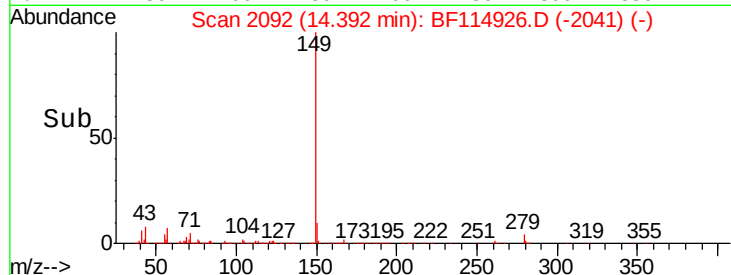
43 8.0 6.8 10.2



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: 15.167 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

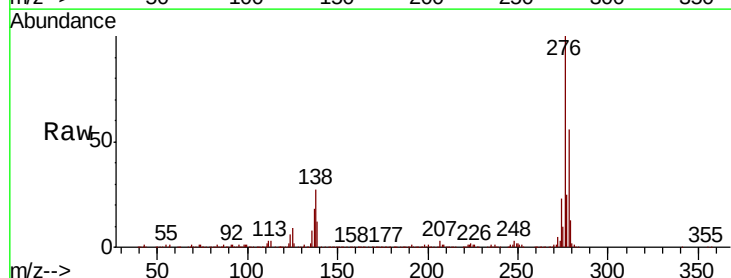
Tgt Ion:276 Resp: 1008974

Ion Ratio Lower Upper

276 100

138 28.9 23.3 34.9

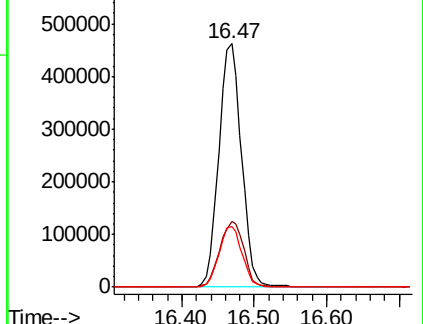
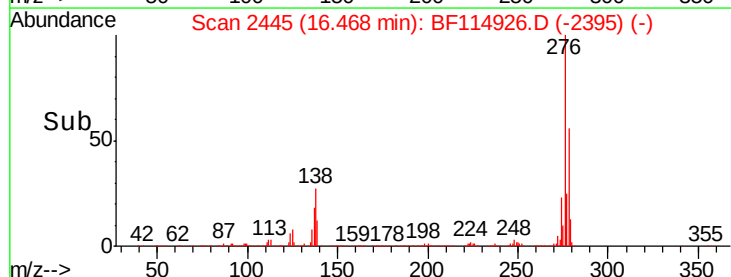
277 25.5 20.5 30.7

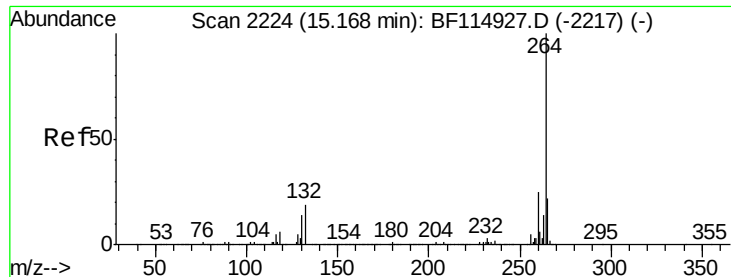


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

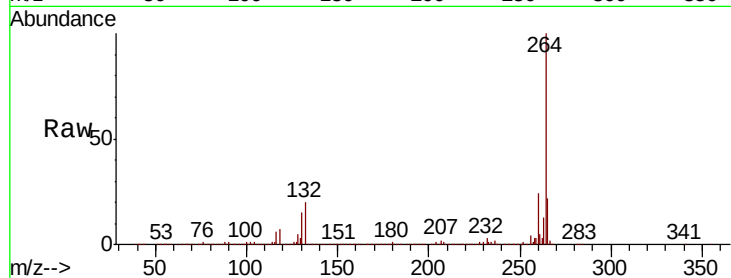
Instrument :

BNA_F

ClientSampled :

Tot Ion:264 Resp: 849057

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.6	17.5	26.3

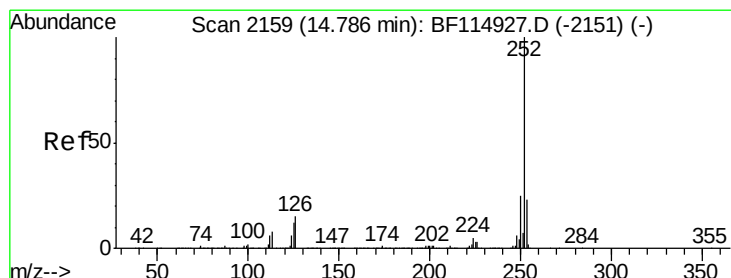
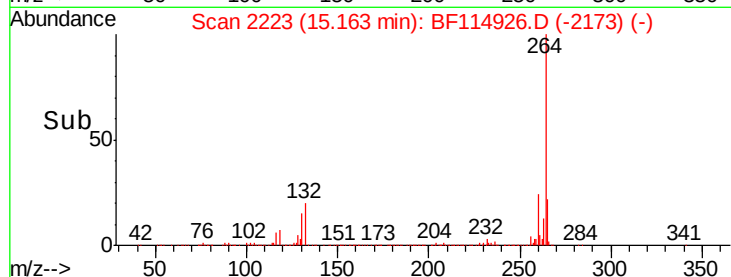
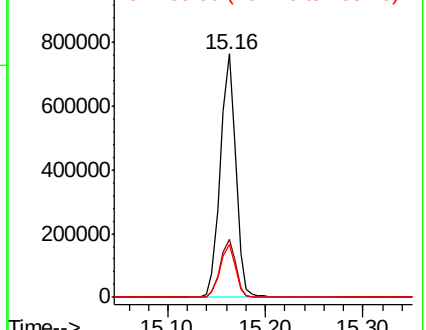


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 21.232 ng

RT: 14.78 min Scan# 2158

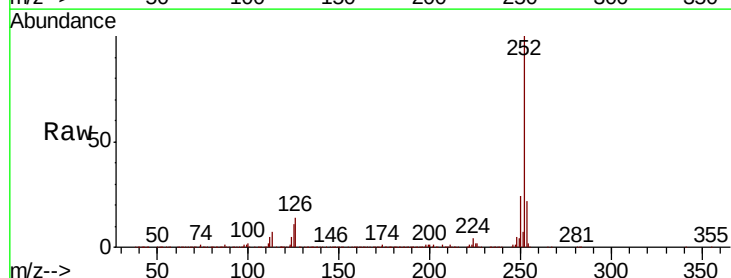
Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:252 Resp: 1147622

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	10.9	9.5	14.3

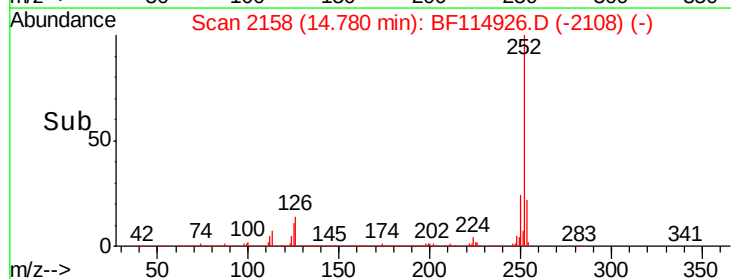
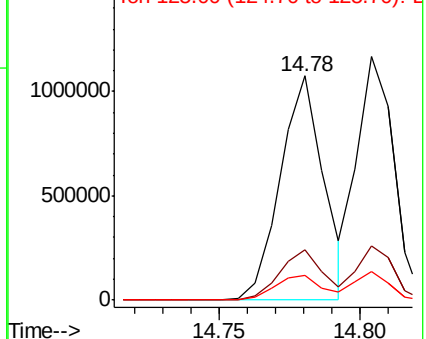


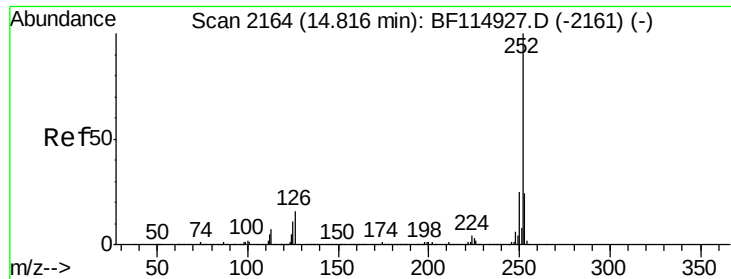
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

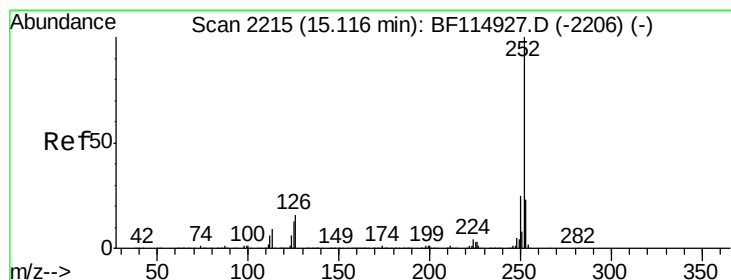
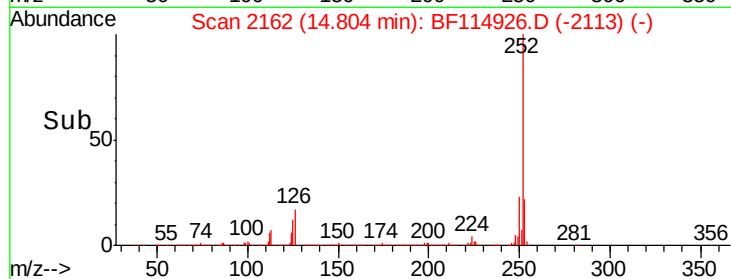
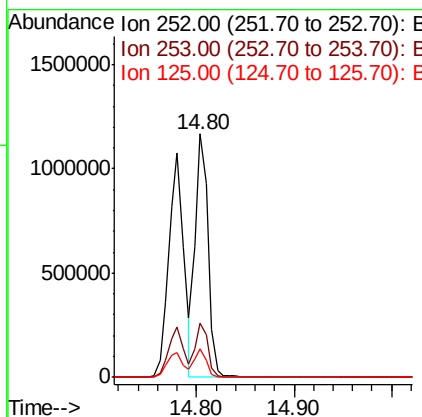
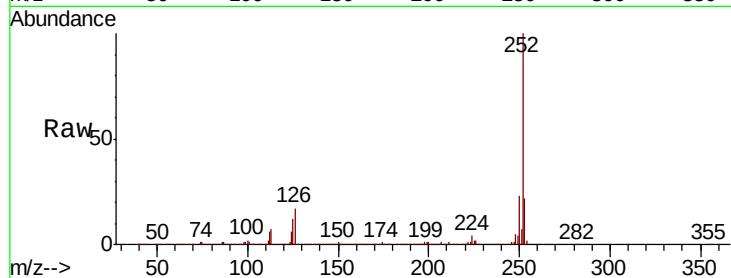




#89
Benzo(k)fluoranthene
Concen: 23.259 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

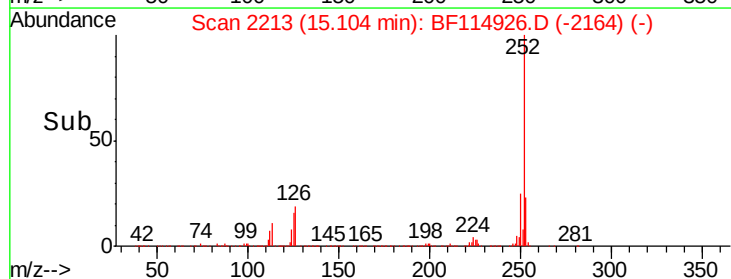
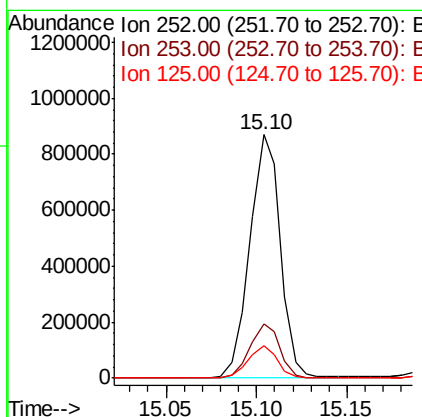
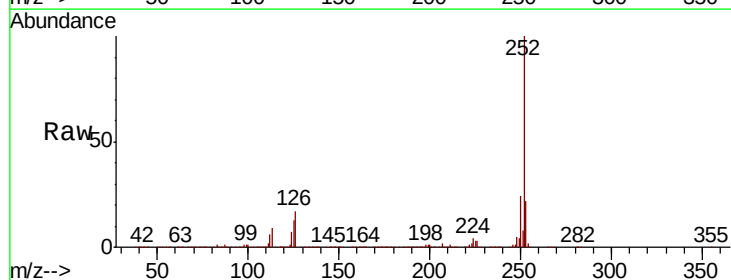
Instrument :
BNA_F
ClientSampleId :

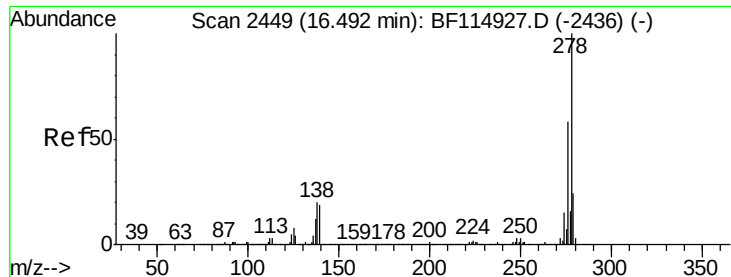
Tot Ion:252 Resp: 1067651
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 12.0 9.2 13.8



#90
Benzo(a)pyrene
Concen: 21.741 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion:252 Resp: 1017142
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 13.2 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 18.875 ng

RT: 16.48 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

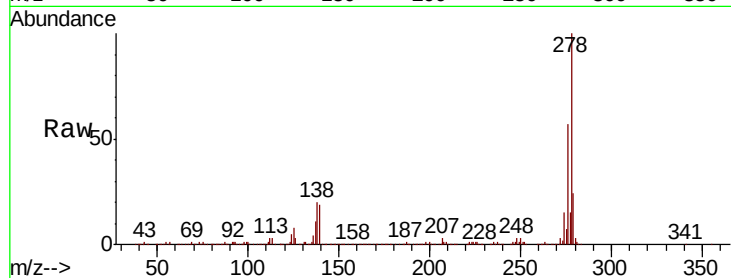
Tot Ion:278 Resp: 836263

Ion Ratio Lower Upper

278 100

139 18.8 15.1 22.7

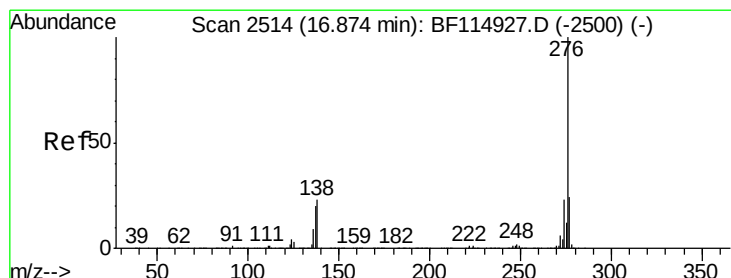
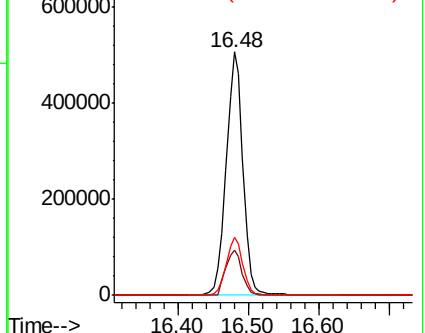
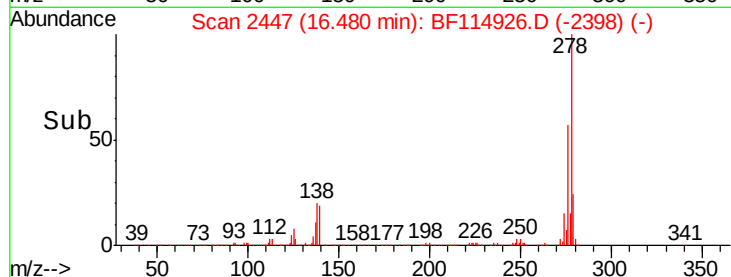
279 23.8 19.6 29.4



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: 17.751 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

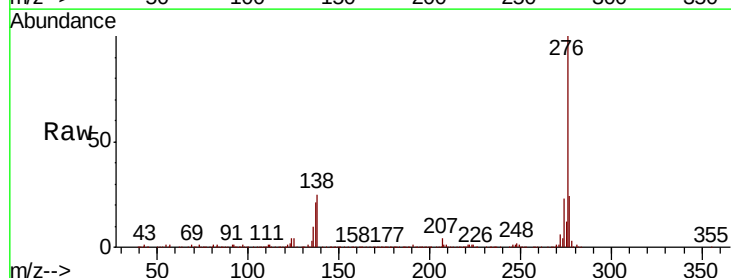
Tgt Ion:276 Resp: 790873

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 24.7 18.7 28.1



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

