

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114076.D
 Acq On : 1 May 2019 18:40
 Operator : JU/SJ
 Sample : K2191-01MSDRE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-66-TPMSDRE

Quant Time: May 02 01:03:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	80784	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	299490	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	156031	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	309260	20.00	ng	0.00
76) Chrysene-d12	14.07	240	254394	20.00	ng	0.00
87) Perylene-d12	15.56	264	188149	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	584048	123.65	ng	0.00
7) Phenol-d6	6.53	99	753251	127.11	ng	0.01
23) Nitrobenzene-d5	7.46	82	439813	90.67	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	231422	121.75	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	794846	79.67	ng	0.00
79) Terphenyl-d14	13.00	244	889941	71.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	88649	39.816	ng	97
3) Pyridine	3.45	79	224425	36.928	ng	99
4) n-Nitrosodimethylamine	3.38	42	83611	40.191	ng	95
6) Aniline	6.56	93	145042	17.824	ng	93
8) 2-Chlorophenol	6.69	128	227628	42.212	ng	99
9) Benzaldehyde	6.45	77	55389	11.940	ng	93
10) Phenol	6.55	94	316656	44.688	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	222413	41.711	ng	98
12) 1,3-Dichlorobenzene	6.84	146	244149	39.976	ng	99
13) 1,4-Dichlorobenzene	6.92	146	249979	40.694	ng	99
14) 1,2-Dichlorobenzene	7.07	146	234847	41.599	ng	99
15) Benzyl Alcohol	7.03	79	199728	50.044	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	242481	38.955	ng	92
17) 2-Methylphenol	7.15	107	191726	40.561	ng	98
18) Hexachloroethane	7.41	117	57402	26.657	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	162491	42.343	ng	97
20) 3+4-Methylphenols	7.30	107	235365	44.072	ng	# 62
22) Acetophenone	7.30	105	323476	48.536	ng	# 95
24) Nitrobenzene	7.47	77	242943	45.328	ng	100
25) Isophorone	7.72	82	445211	44.858	ng	100
26) 2-Nitrophenol	7.79	139	107974	44.160	ng	96
27) 2,4-Dimethylphenol	7.83	122	203738	51.143	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	285872	45.202	ng	100
29) 2,4-Dichlorophenol	8.04	162	212960	46.748	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	220455	43.402	ng	98
31) Naphthalene	8.20	128	659506	46.355	ng	99
32) Benzoic acid	7.93	122	33458	12.437	ng	96
33) 4-Chloroaniline	8.25	127	83988	13.951	ng	99
34) Hexachlorobutadiene	8.32	225	131893	41.653	ng	99
35) Caprolactam	8.61	113	64203	44.304	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	208762	46.256	ng	97
37) 2-Methylnaphthalene	8.89	142	451340	47.043	ng	97
38) 1-Methylnaphthalene	8.99	142	420601	45.421	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	226318	44.653	ng	98

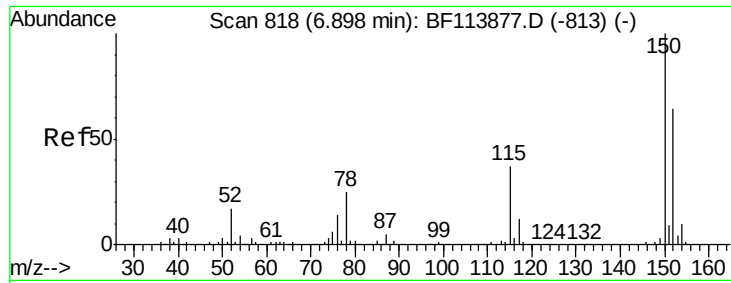
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	8373	2.962	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	153577	47.718	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	164889	45.677	ng	98
46) 1,1'-Biphenyl	9.36	154	541427	45.423	ng	99
47) 2-Chloronaphthalene	9.39	162	428432	44.199	ng	99
48) 2-Nitroaniline	9.47	65	135242	53.223	ng	93
49) Acenaphthylene	9.80	152	640860	42.231	ng	98
50) Dimethylphthalate	9.65	163	639986	56.714	ng	99
51) 2,6-Dinitrotoluene	9.72	165	106621	44.041	ng	98
52) Acenaphthene	9.97	154	374599	41.770	ng	98
53) 3-Nitroaniline	9.88	138	88347	34.728	ng	100
54) 2,4-Dinitrophenol	10.00	184	6367	13.766	ng	# 7
55) Dibenzofuran	10.15	168	592381	44.097	ng	99
56) 4-Nitrophenol	10.06	139	177841	88.292	ng	94
57) 2,4-Dinitrotoluene	10.12	165	130547	42.722	ng	98
58) Fluorene	10.49	166	446551	44.152	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	139625	44.013	ng	99
60) Diethylphthalate	10.35	149	496486	46.332	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	242459	45.267	ng	100
62) 4-Nitroaniline	10.50	138	120243	48.435	ng	96
63) Azobenzene	10.63	77	426751	41.090	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	7700	11.913	ng	# 69
66) n-Nitrosodiphenylamine	10.59	169	415810	44.810	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	172718	46.231	ng	97
68) Hexachlorobenzene	11.04	284	183600	44.721	ng	94
69) Atrazine	11.12	200	146542	48.546	ng	99
70) Pentachlorophenol	11.23	266	181503	78.084	ng	98
71) Phenanthrene	11.45	178	715369	46.028	ng	99
72) Anthracene	11.50	178	747273	47.612	ng	98
73) Carbazole	11.65	167	692814	49.479	ng	99
74) Di-n-butylphthalate	11.98	149	827013	50.210	ng	99
75) Fluoranthene	12.65	202	682712	40.262	ng	97
77) Benzidine	12.76	184	66538	8.778	ng	# 96
78) Pyrene	12.87	202	694977	39.065	ng	98
80) Butylbenzylphthalate	13.47	149	321543	45.938	ng	97
81) Benzo(a)anthracene	14.06	228	641477	42.798	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	159558	29.044	ng	# 99
83) Chrysene	14.10	228	702662	48.136	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	485009	54.461	ng	99
85) Di-n-octyl phthalate	14.66	149	896249	64.297	ng	98
86) Indeno(1,2,3-cd)pyrene	17.07	276	454097	32.841	ng	98
88) Benzo(b)fluoranthene	15.13	252	606061	50.912	ng	100
89) Benzo(k)fluoranthene	15.15	252	530685	51.827	ng	98
90) Benzo(a)pyrene	15.50	252	460672	44.741	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	396792	41.053	ng	99
92) Benzo(g,h,i)perylene	17.53	276	369845	37.917	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

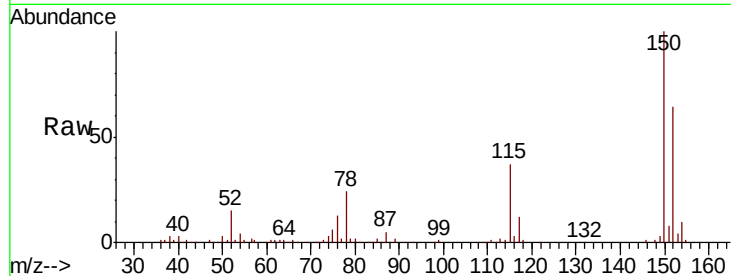
Tot Ion:152 Resp: 80784

Ion Ratio Lower Upper

152 100

150 156.4 125.9 188.9

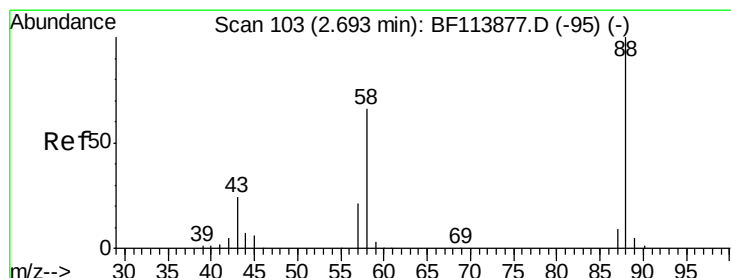
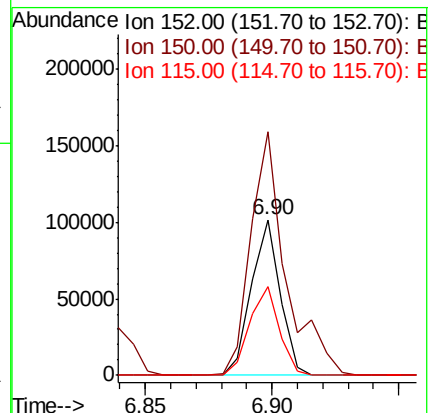
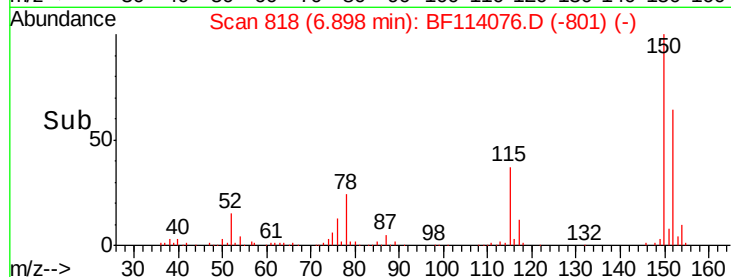
115 57.3 45.9 68.9



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: 39.816 ng

RT: 2.67 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

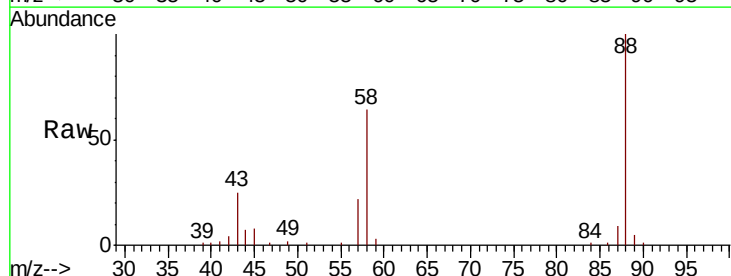
Tgt Ion: 88 Resp: 88649

Ion Ratio Lower Upper

88 100

58 63.9 53.3 79.9

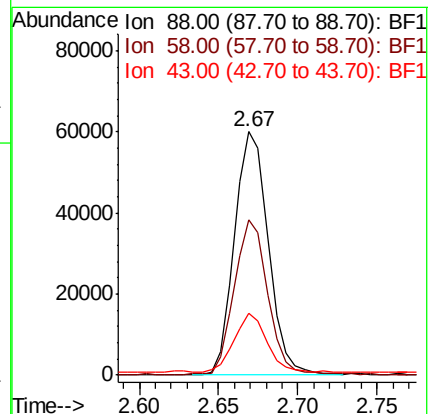
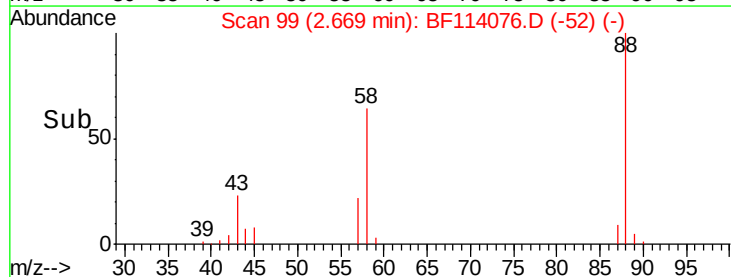
43 24.0 19.0 28.4

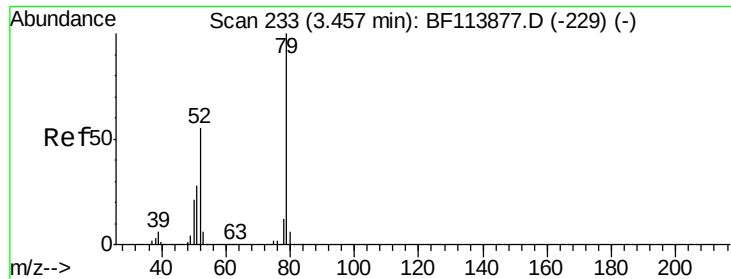


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.928 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

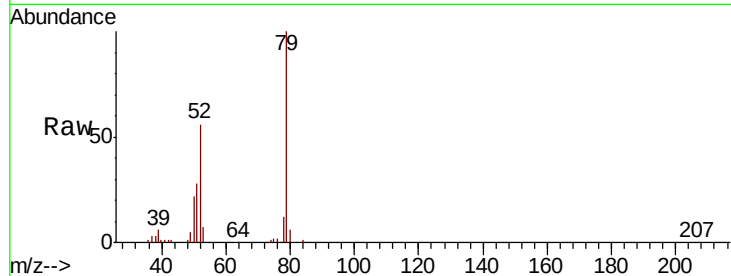
Tot Ion: 79 Resp: 224425

Ion Ratio Lower Upper

79 100

52 55.8 45.3 67.9

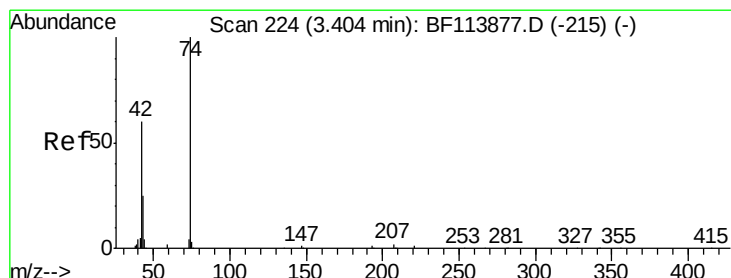
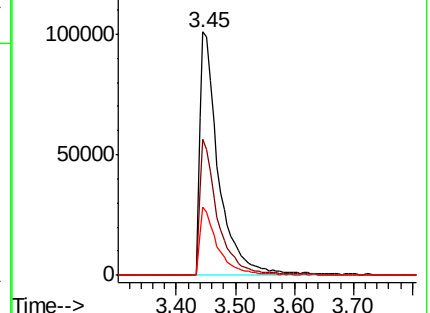
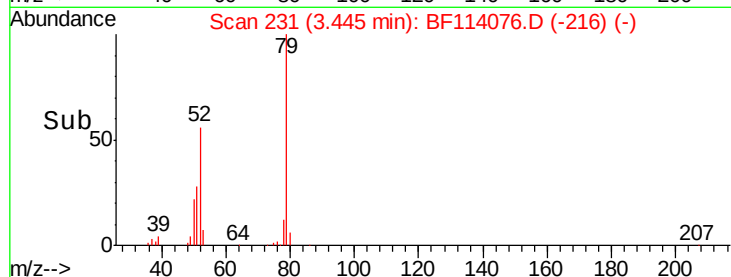
51 28.0 22.1 33.1



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: 40.191 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.02 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

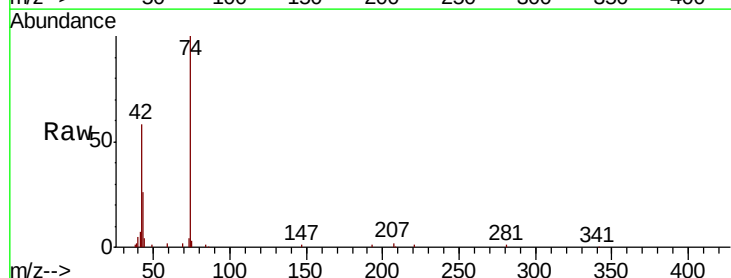
Tgt Ion: 42 Resp: 83611

Ion Ratio Lower Upper

42 100

74 173.3 132.6 198.8

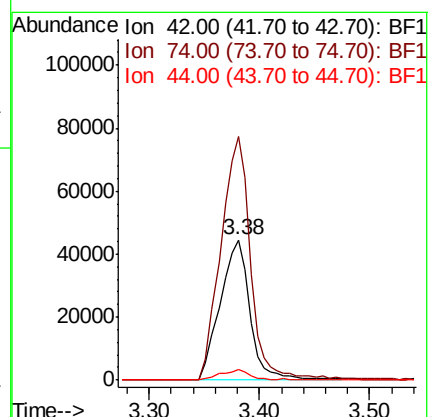
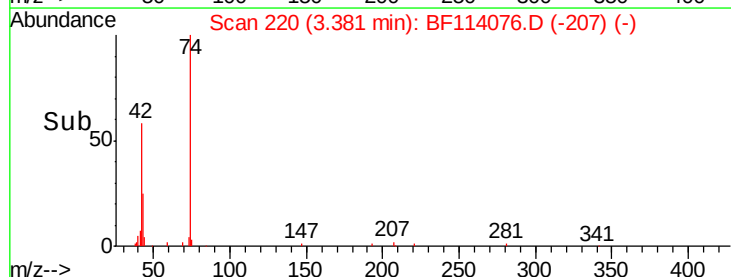
44 7.5 5.8 8.8

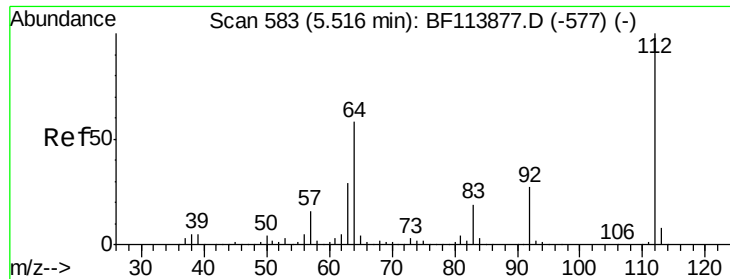


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 123.654 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

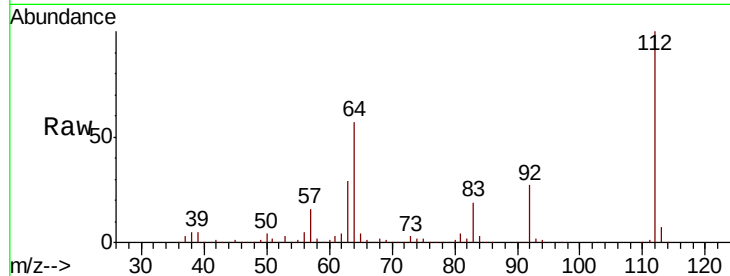
Tot Ion: 112 Resp: 584048

Ion Ratio Lower Upper

112 100

64 56.9 46.6 69.8

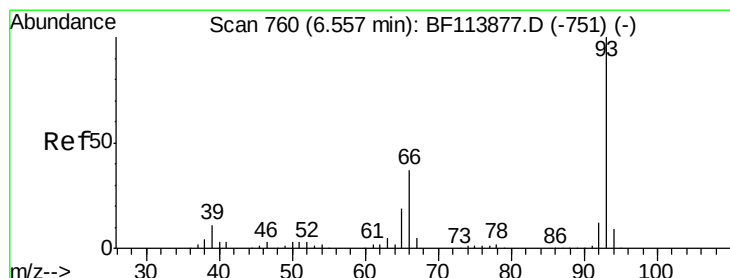
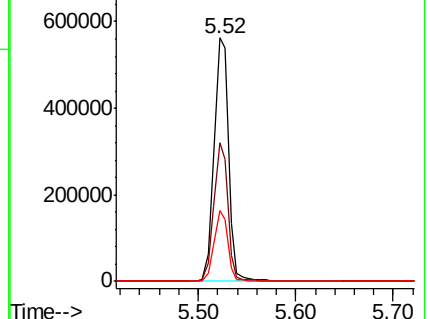
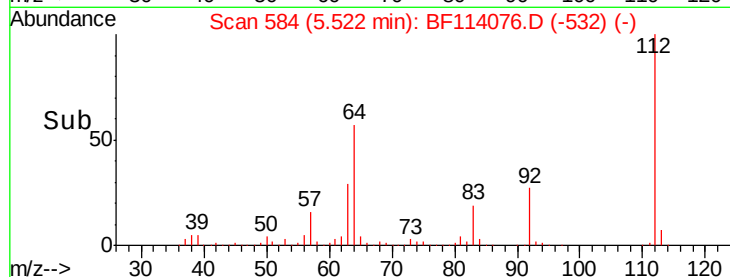
63 28.8 23.1 34.7



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: 17.824 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

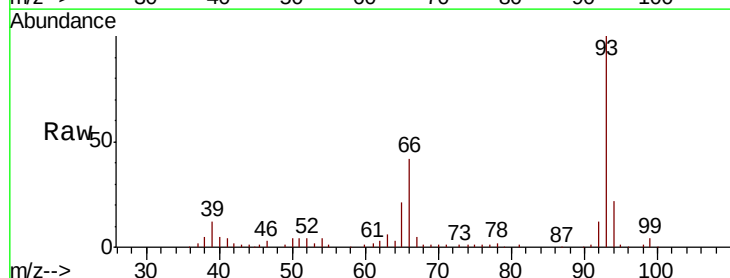
Tgt Ion: 93 Resp: 145042

Ion Ratio Lower Upper

93 100

66 41.6 29.8 44.6

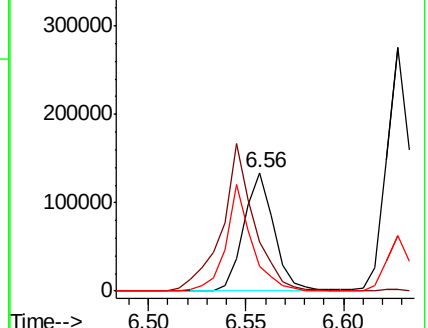
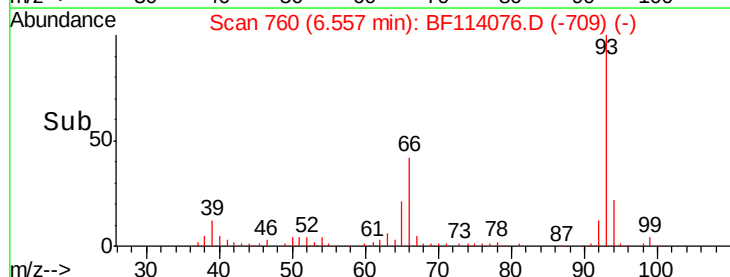
65 21.0 14.9 22.3

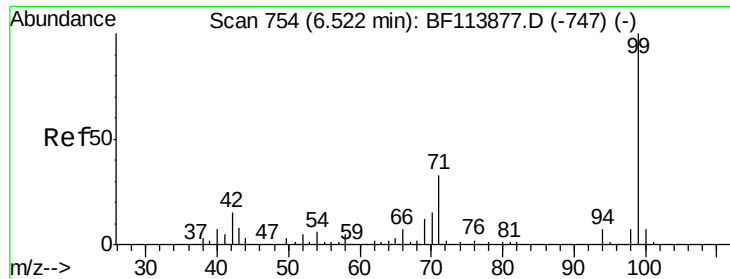


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.113 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

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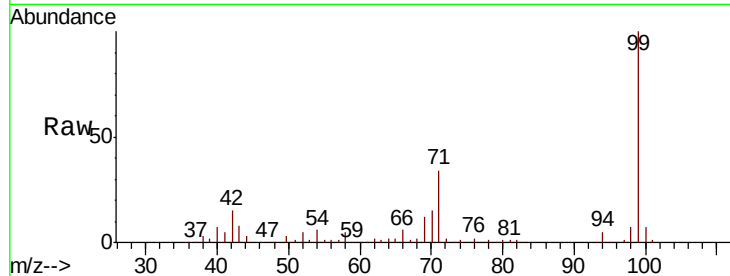
Tot Ion: 99 Resp: 753251

Ion Ratio Lower Upper

99 100

42 15.1 12.5 18.7

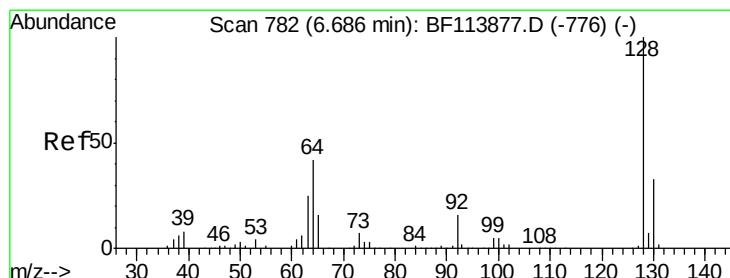
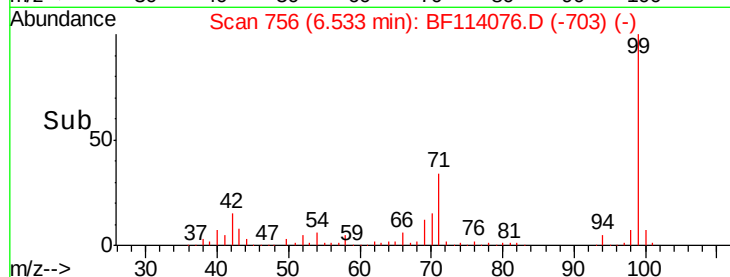
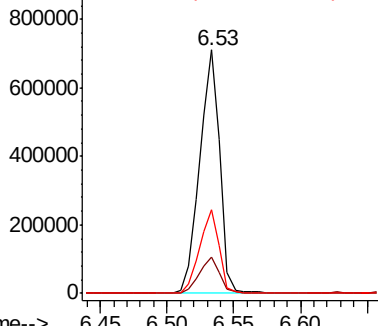
71 34.4 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.212 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

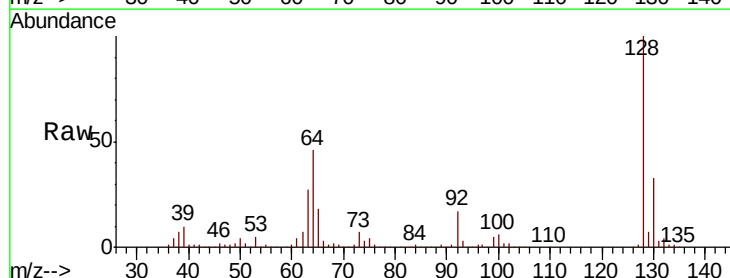
Tgt Ion: 128 Resp: 227628

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

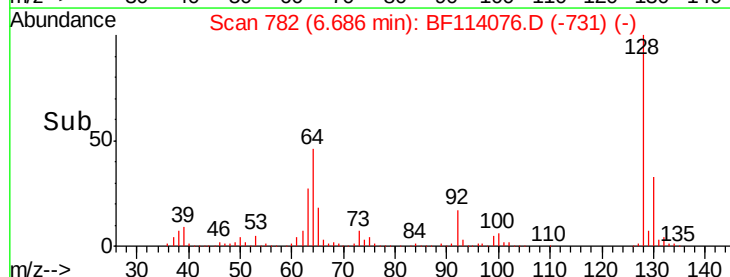
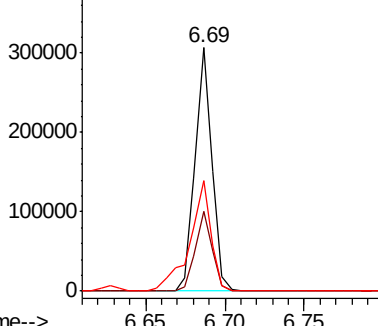
64 45.6 26.1 66.1

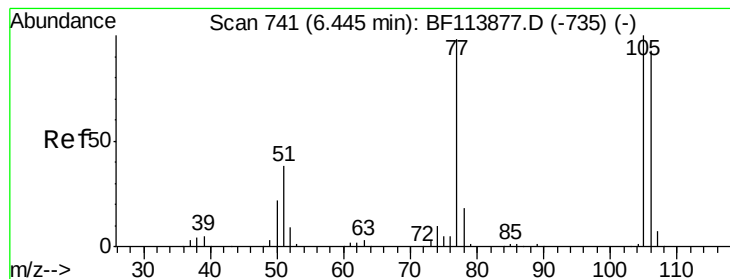


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.940 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF114076.D

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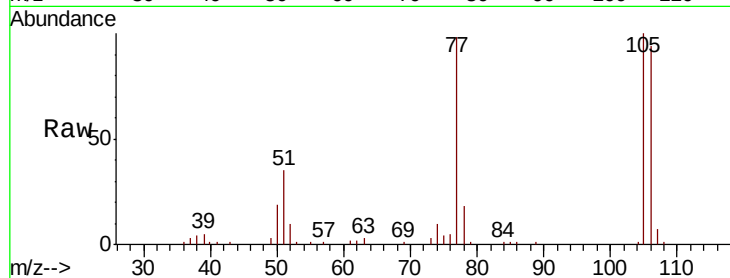
Tot Ion: 77 Resp: 55389

Ion Ratio Lower Upper

77 100

105 102.4 74.1 114.1

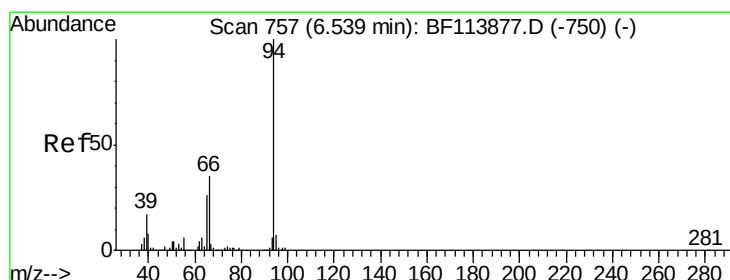
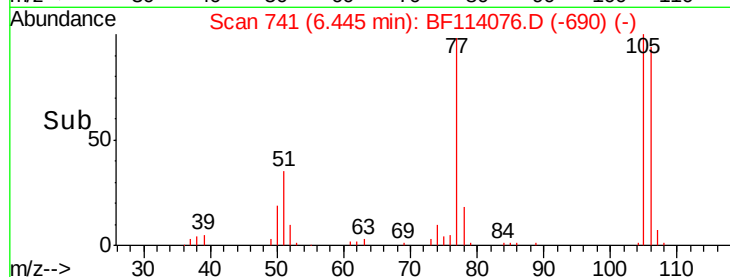
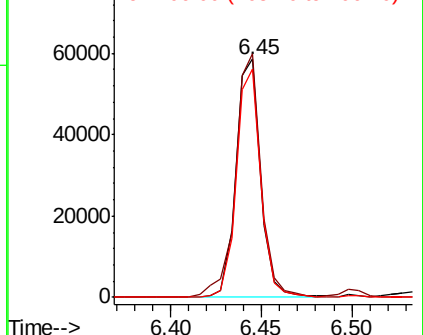
106 96.0 70.3 110.3



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: 44.688 ng

RT: 6.55 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

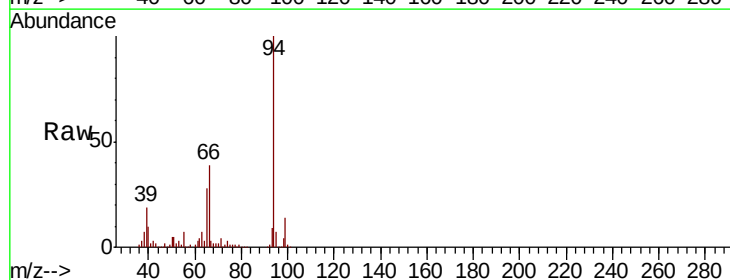
Tgt Ion: 94 Resp: 316656

Ion Ratio Lower Upper

94 100

65 28.4 8.1 48.1

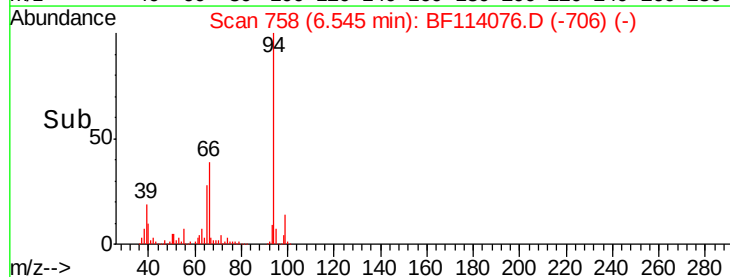
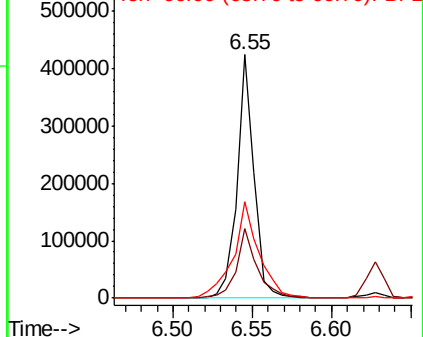
66 39.5 16.6 56.6

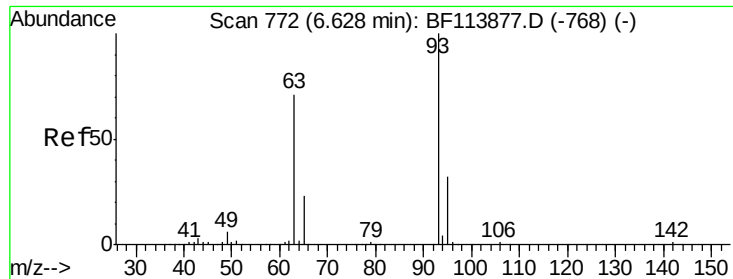


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

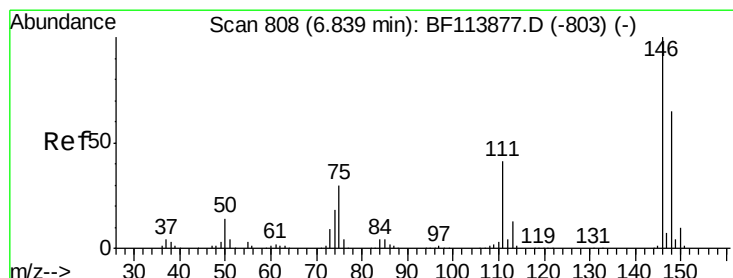
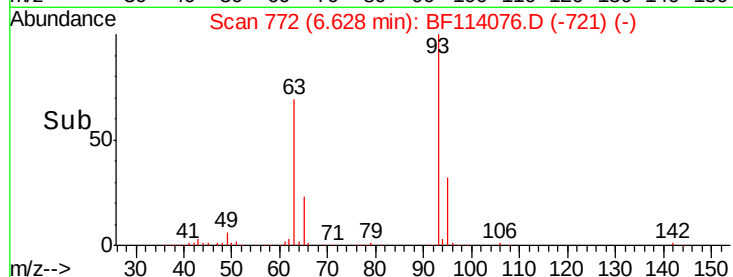
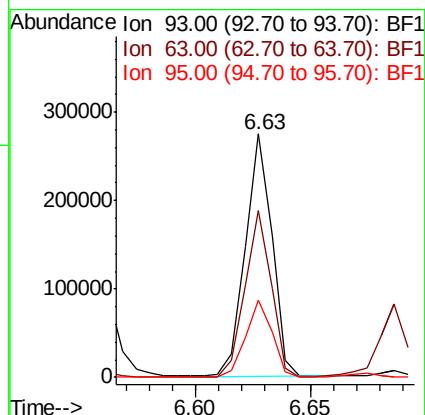
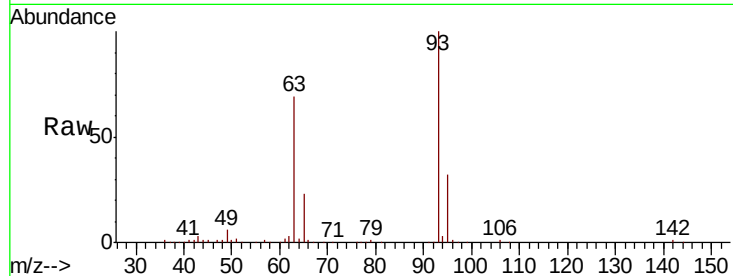




#11
bis(2-Chloroethyl)ether
Concen: 41.711 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

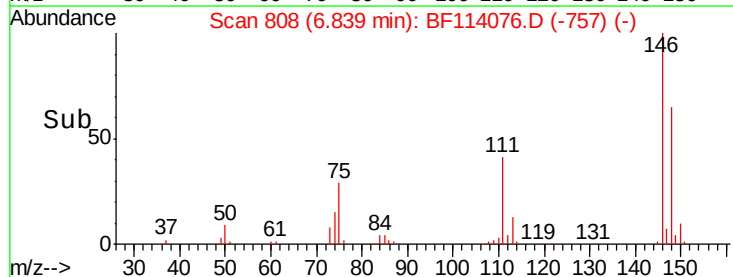
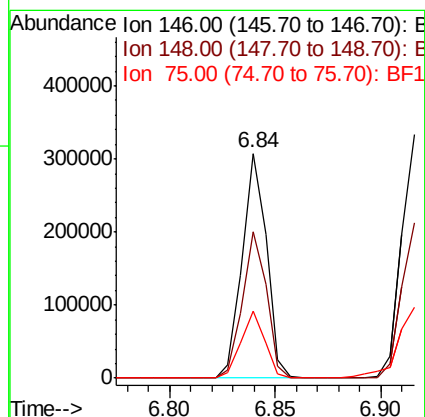
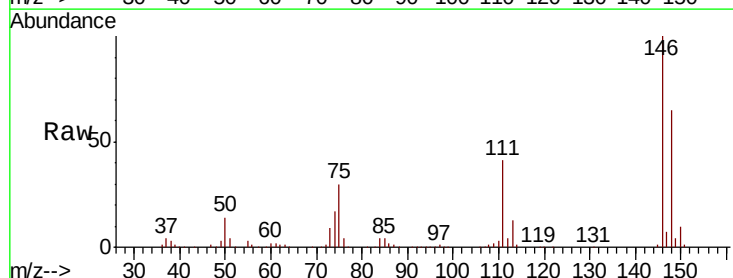
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

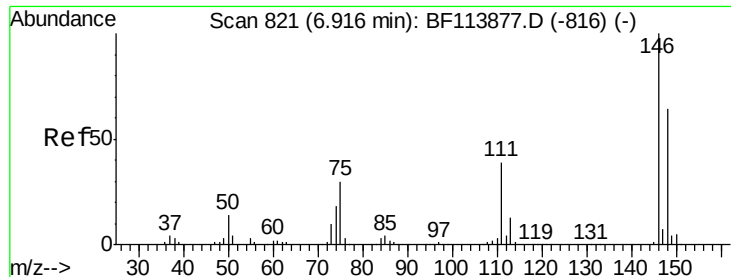
Tot Ion: 93 Resp: 222413
Ion Ratio Lower Upper
93 100
63 68.8 50.7 90.7
95 31.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.976 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion: 146 Resp: 244149
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.6
75 29.9 23.8 35.8

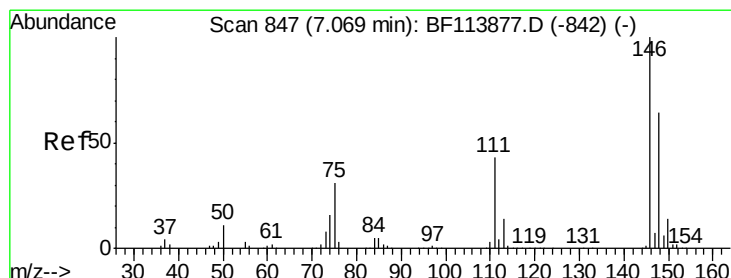
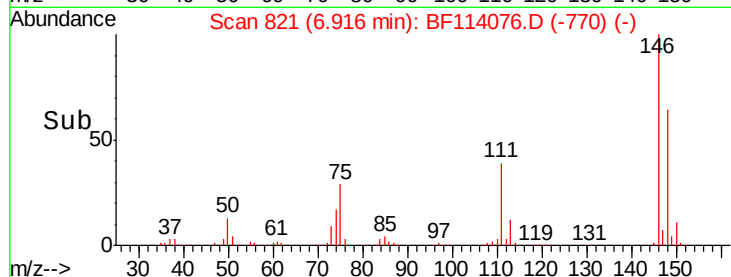
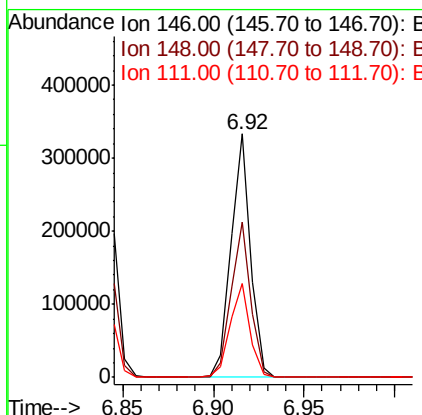
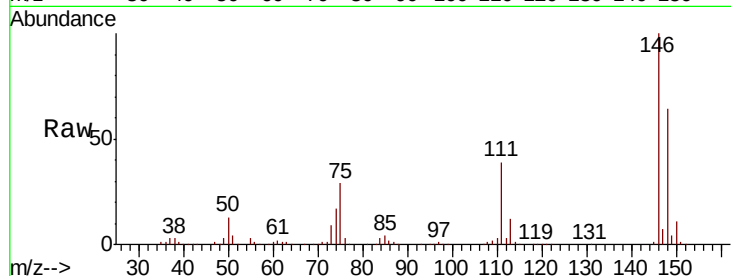




#13
 1,4-Dichlorobenzene
 Concen: 40.694 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

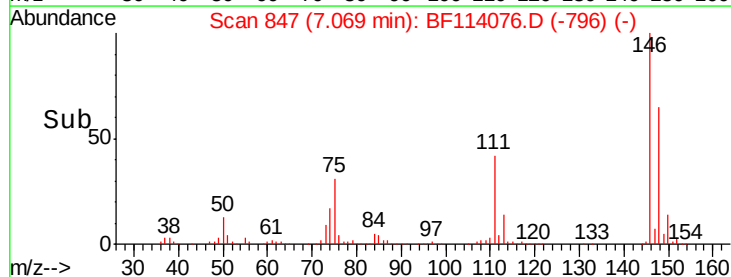
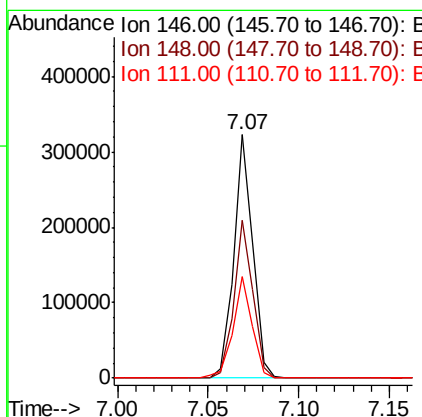
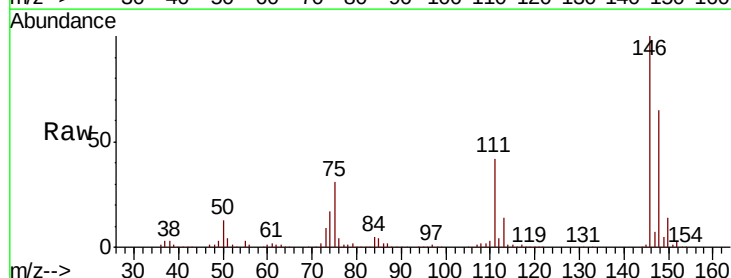
Instrument :
 BNA_F
 ClientSampleId :
 P-66-TPMSDRE

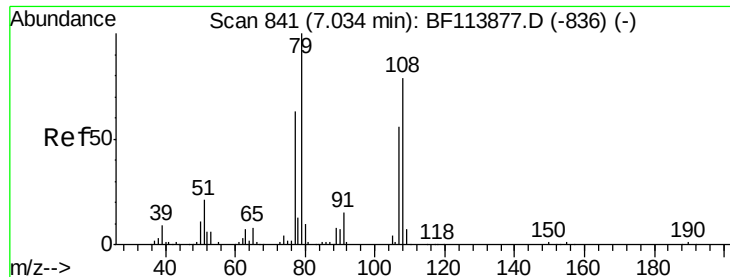
Tot Ion:146 Resp: 249979
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.8
 111 38.7 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 41.599 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt Ion:146 Resp: 234847
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.1 78.1
 111 41.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 50.044 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

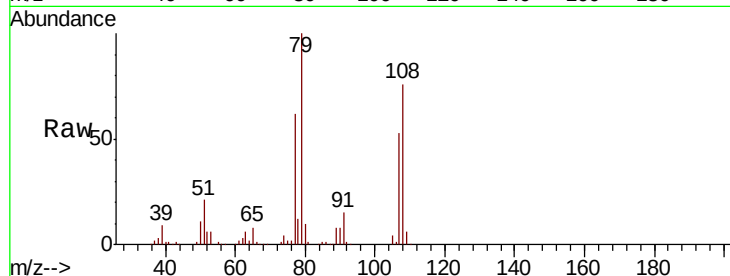
Tot Ion: 79 Resp: 199728

Ion Ratio Lower Upper

79 100

108 76.4 61.4 92.0

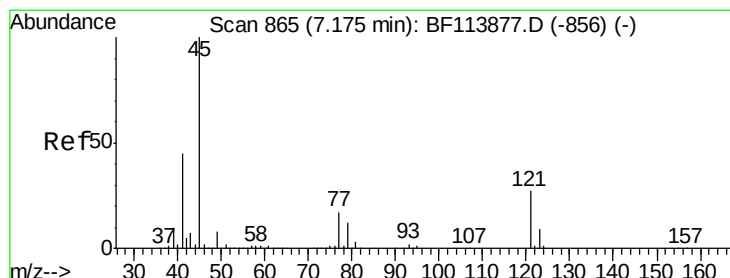
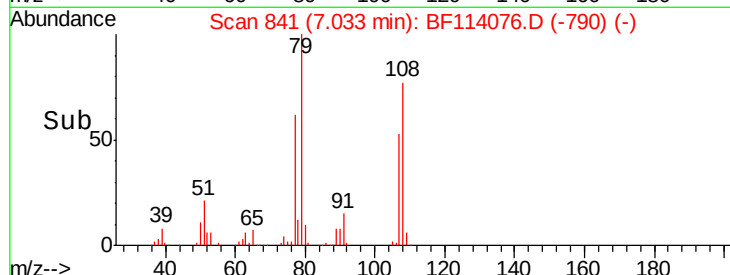
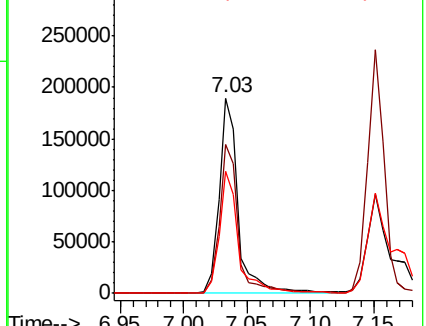
77 62.2 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.955 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

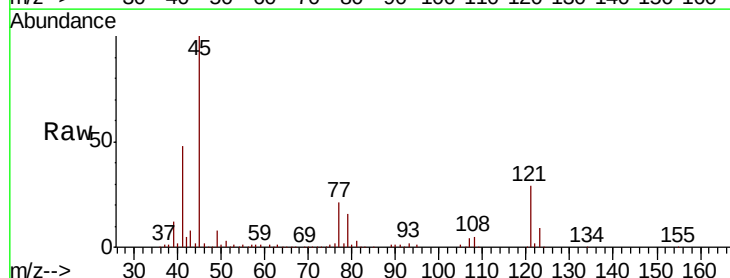
Tgt Ion: 45 Resp: 242481

Ion Ratio Lower Upper

45 100

77 20.8 0.0 37.0

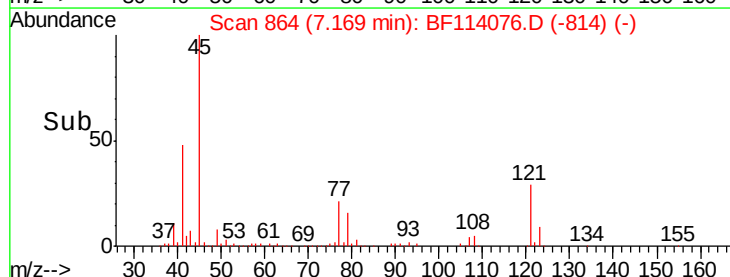
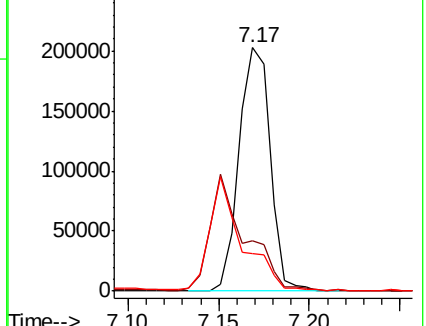
79 15.6 0.0 32.7

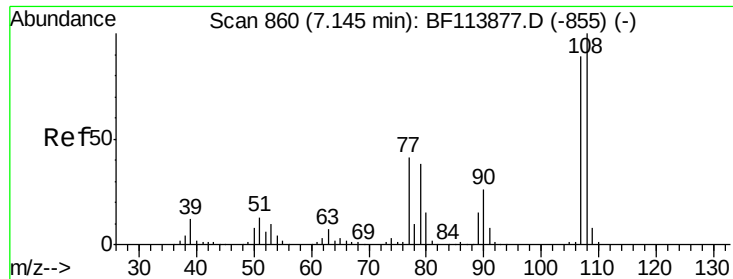


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

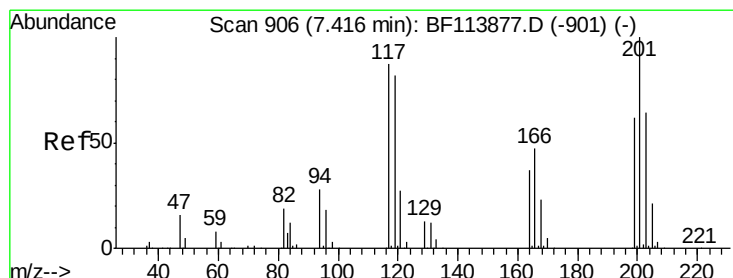
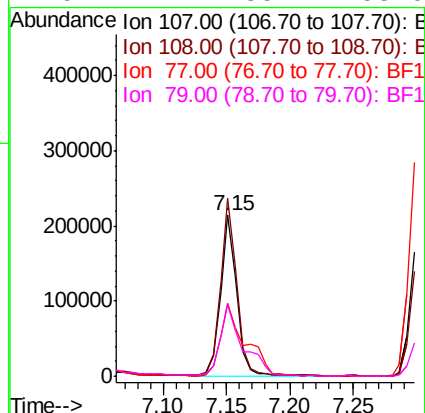
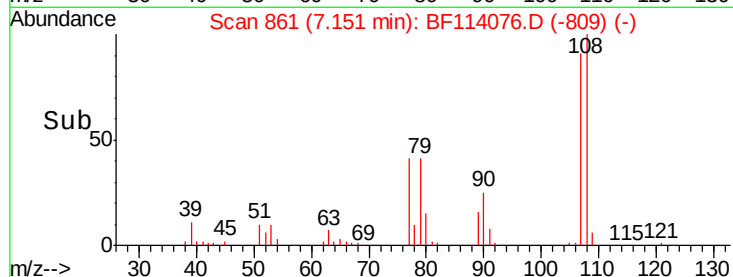
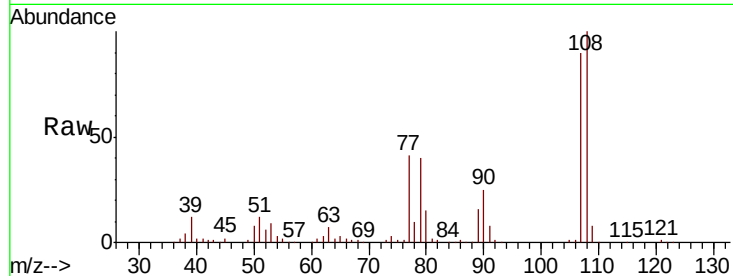




#17
2-Methylphenol
Concen: 40.561 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

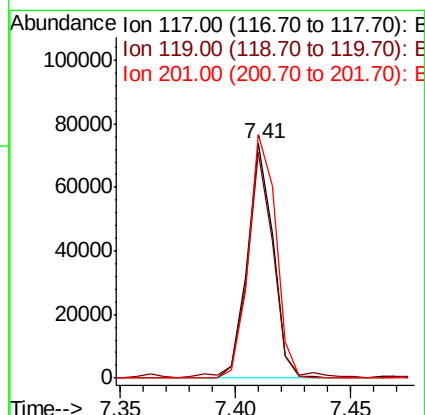
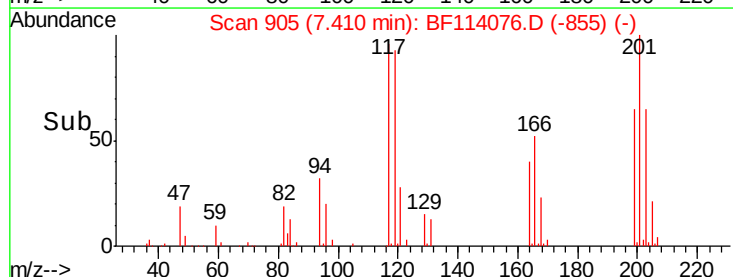
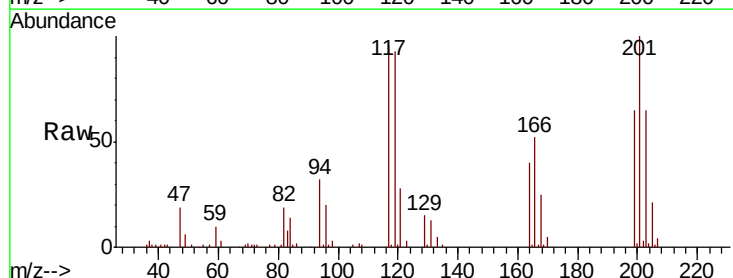
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

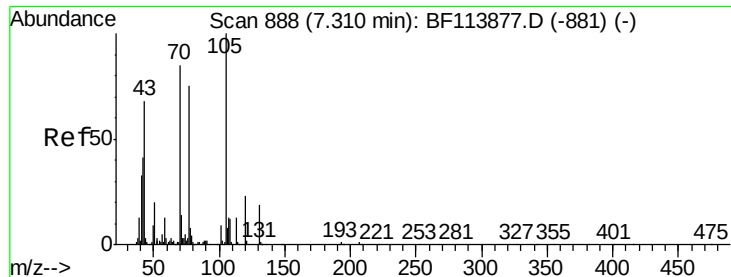
Tot Ion:107 Resp: 191726
Ion Ratio Lower Upper
107 100
108 110.6 91.5 137.3
77 45.7 36.2 54.4
79 44.7 35.4 53.0



#18
Hexachloroethane
Concen: 26.657 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:117 Resp: 57402
Ion Ratio Lower Upper
117 100
119 96.3 74.4 111.6
201 104.0 90.2 135.2

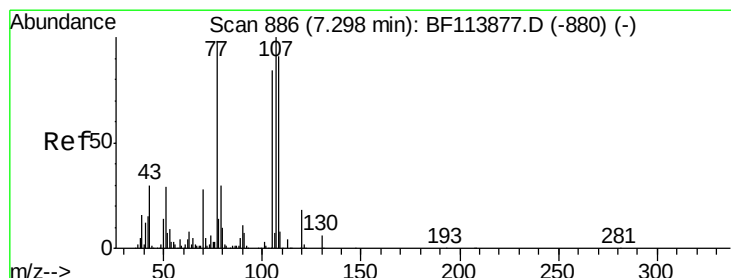
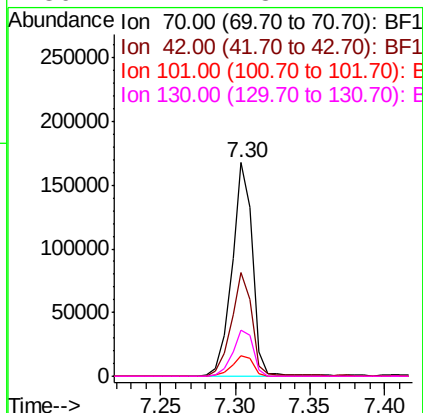
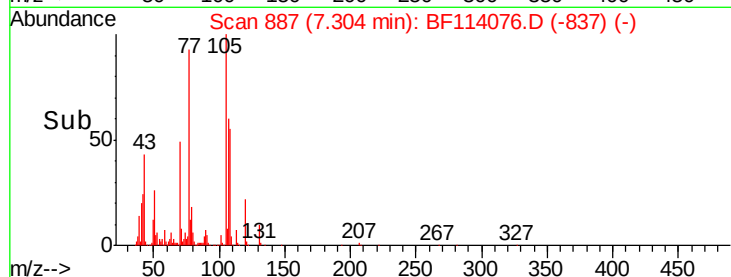
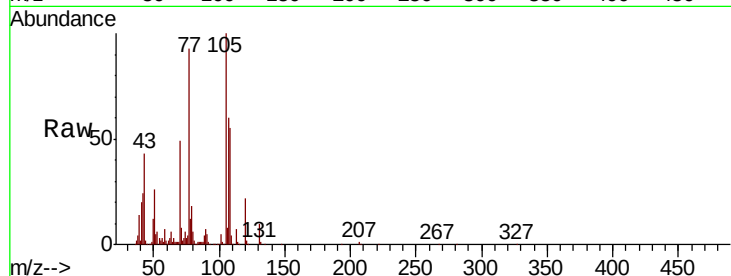




#19
n-Nitroso-di-n-propylamine
Concen: 42.343 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

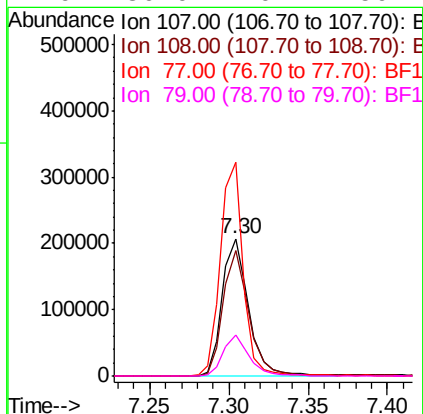
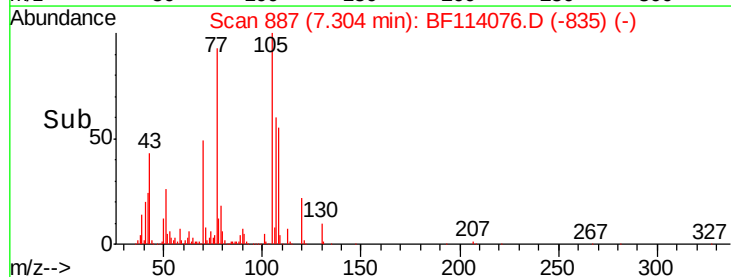
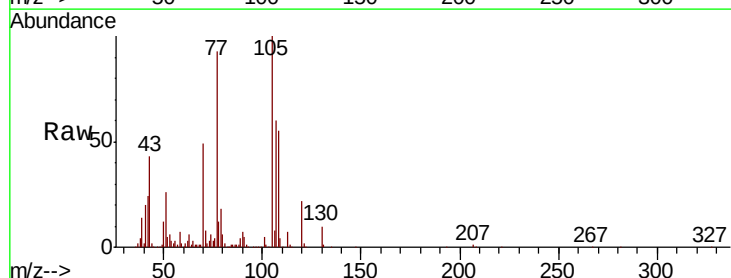
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

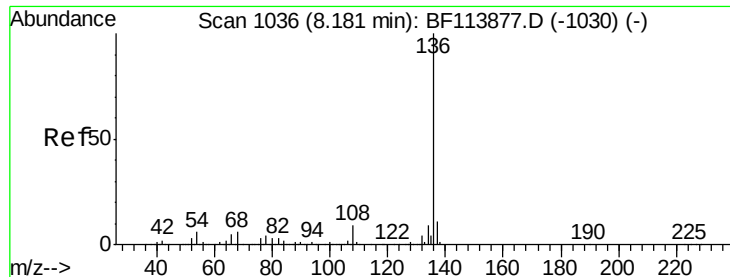
Tot Ion:	70	Resp:	162491
Ion	Ratio	Lower	Upper
70	100		
42	48.7	37.3	55.9
101	9.5	7.8	11.8
130	21.4	18.2	27.2



#20
3+4-Methylphenols
Concen: 44.072 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:	107	Resp:	235365
Ion	Ratio	Lower	Upper
107	100		
108	91.2	70.1	110.1
77	155.3	52.9	92.9#
79	30.0	10.2	50.2

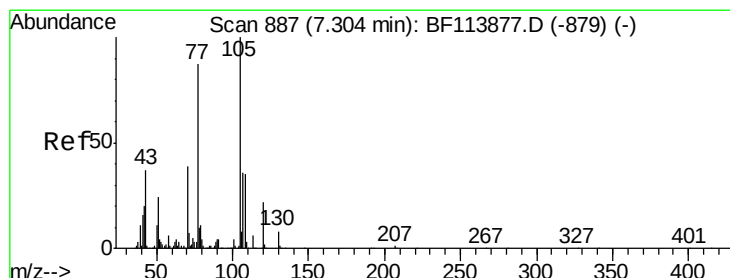
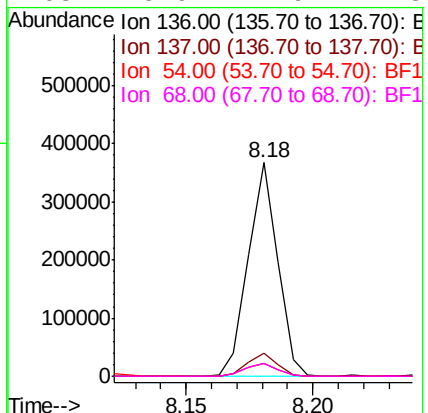
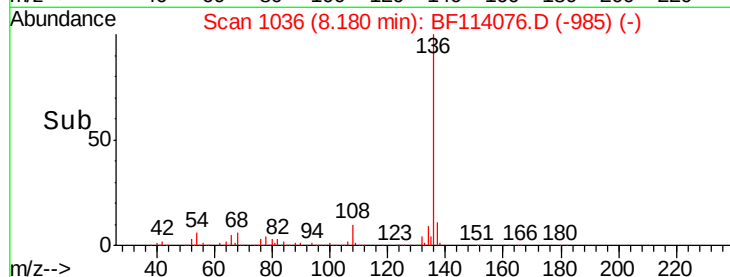
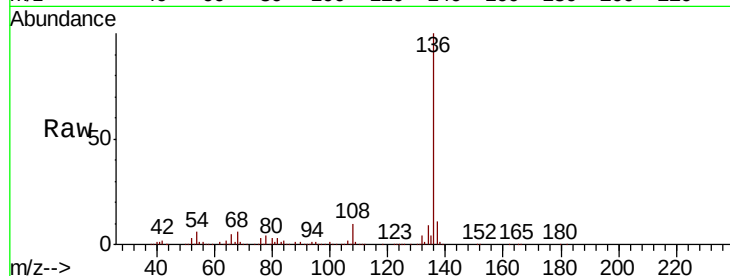




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

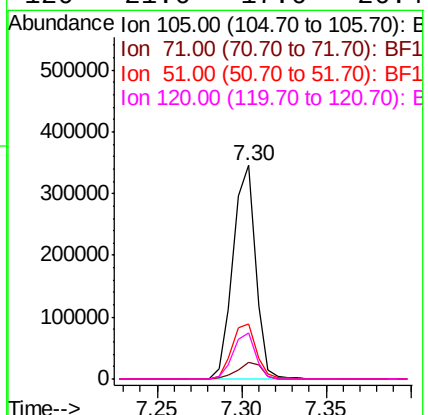
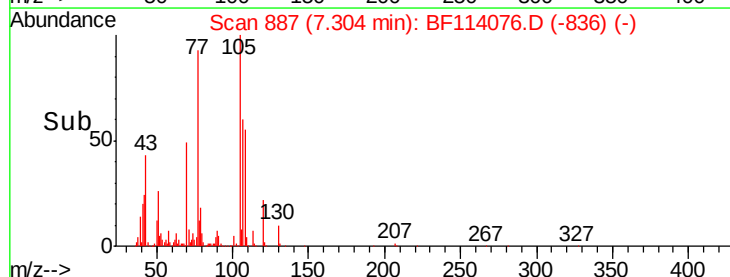
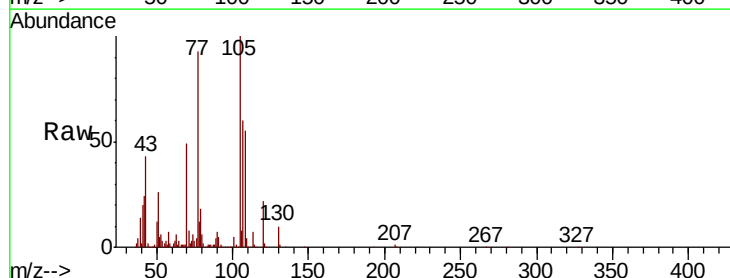
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

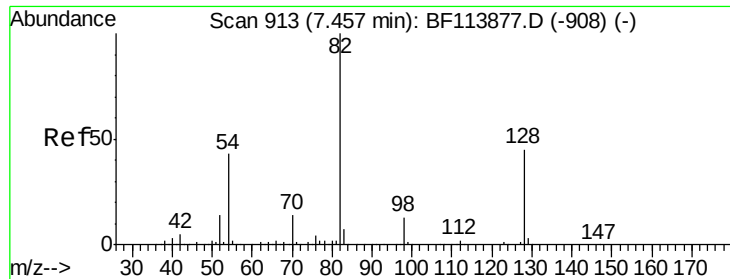
Tot Ion:136	Resp:	299490
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	12.8
54 5.9	5.0	7.6
68 5.9	4.9	7.3



#22
Acetophenone
Concen: 48.536 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt	Ion:105	Resp:	323476
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.1	9.1
51	26.1	16.8	25.2#
120	21.6	17.6	26.4

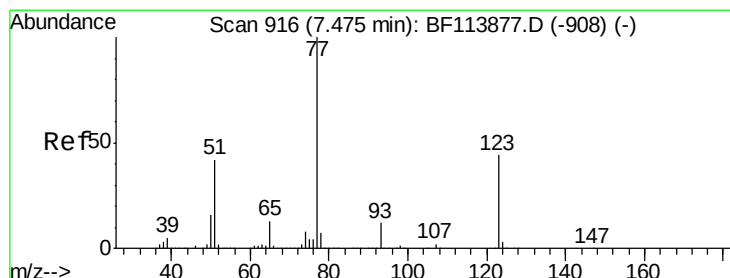
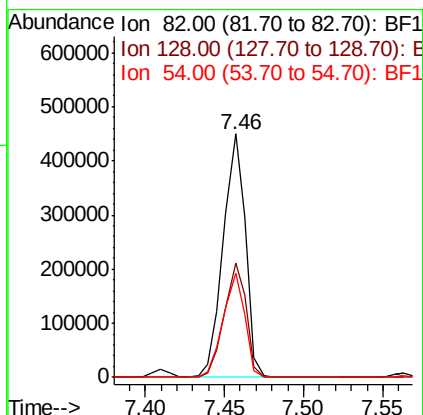
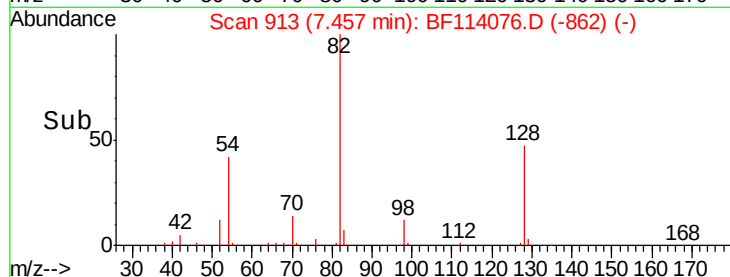
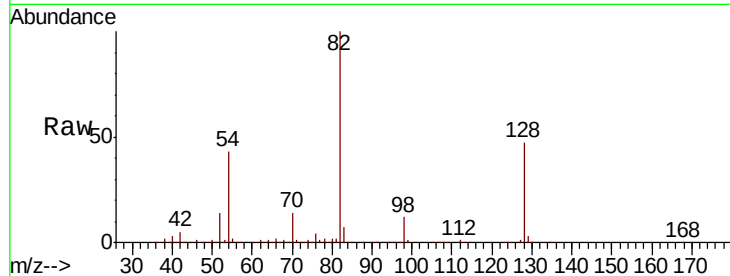




#23
 Nitrobenzene-d5
 Concen: 90.673 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

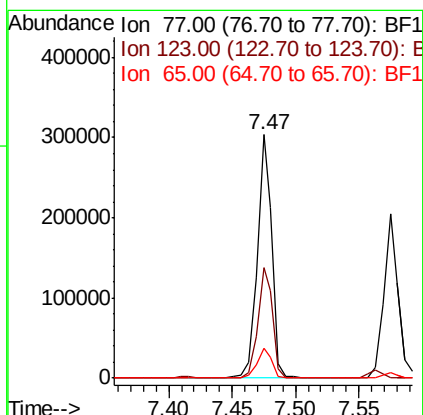
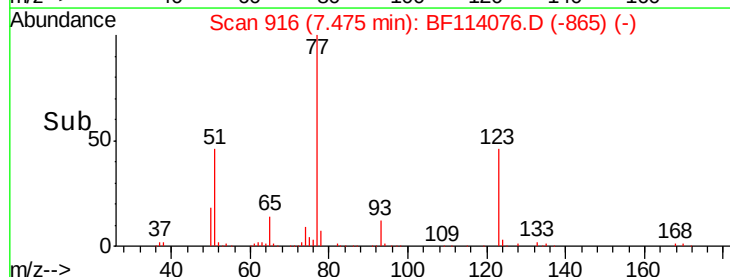
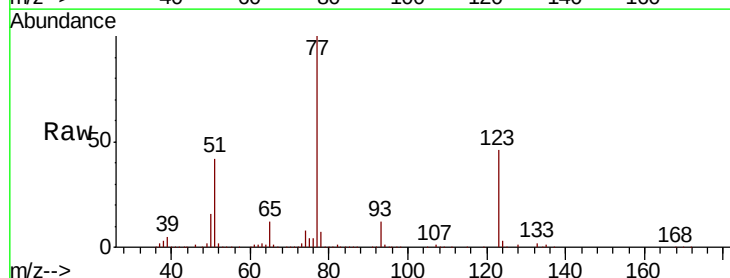
Instrument :
 BNA_F
 ClientSampleId :
 P-66-TPMSDRE

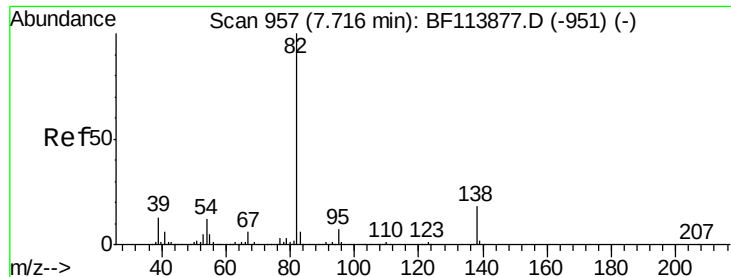
Tot Ion: 82 Resp: 439813
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.8 55.2
 54 42.8 33.8 50.6



#24
 Nitrobenzene
 Concen: 45.328 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt Ion: 77 Resp: 242943
 Ion Ratio Lower Upper
 77 100
 123 45.5 36.3 54.5
 65 12.5 10.3 15.5

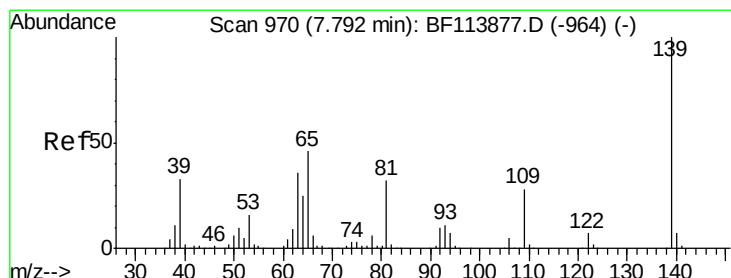
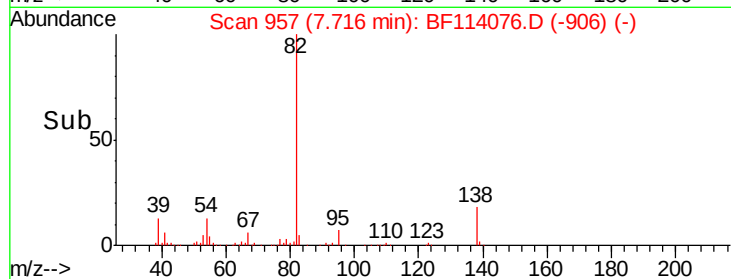
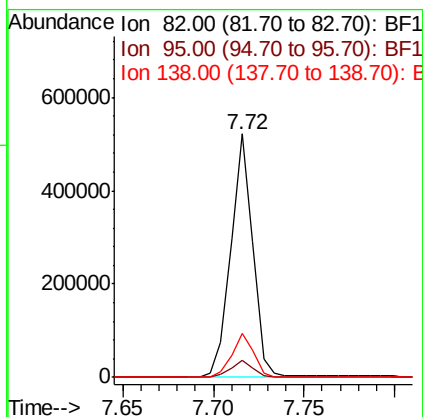
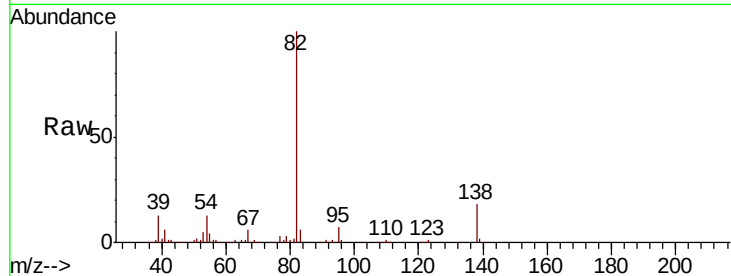




#25
Isophorone
Concen: 44.858 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

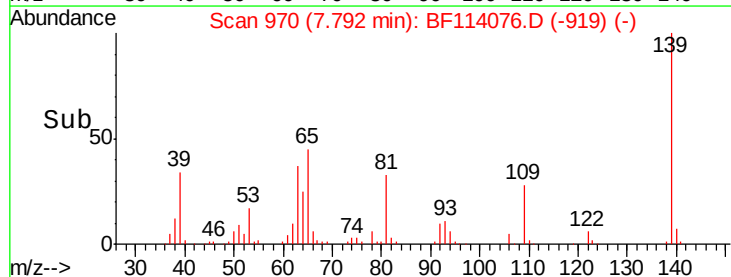
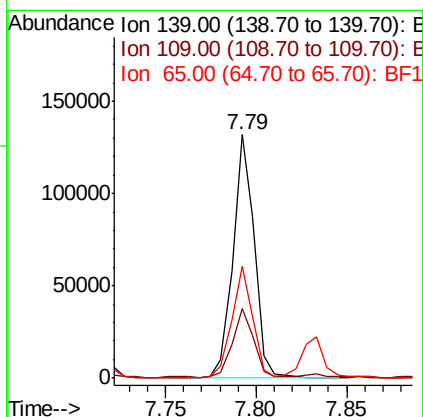
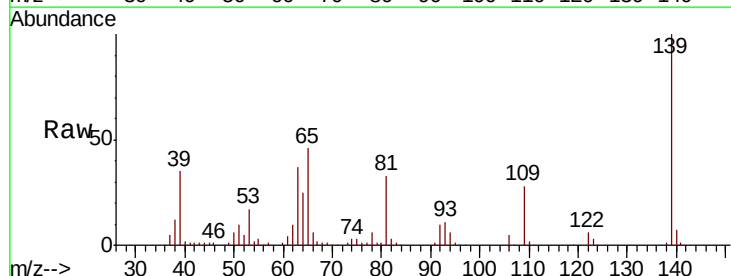
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

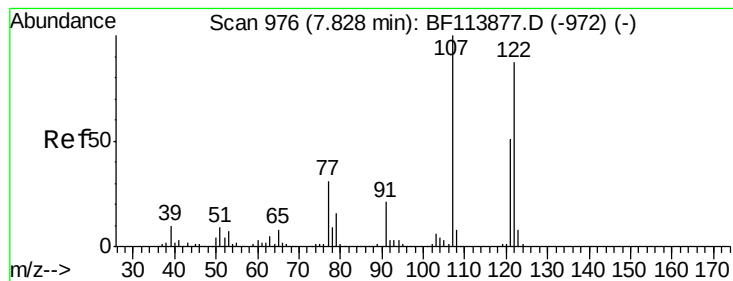
Tot Ion: 82 Resp: 445211
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.1 14.6 22.0



#26
2-Nitrophenol
Concen: 44.160 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion: 139 Resp: 107974
Ion Ratio Lower Upper
139 100
109 28.3 20.6 31.0
65 45.7 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 51.143 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

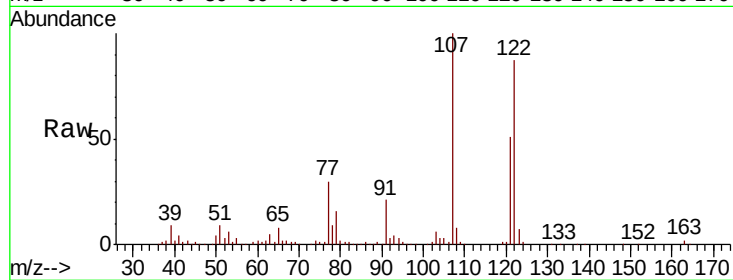
Tot Ion:122 Resp: 203738

Ion Ratio Lower Upper

122 100

107 115.5 91.2 136.8

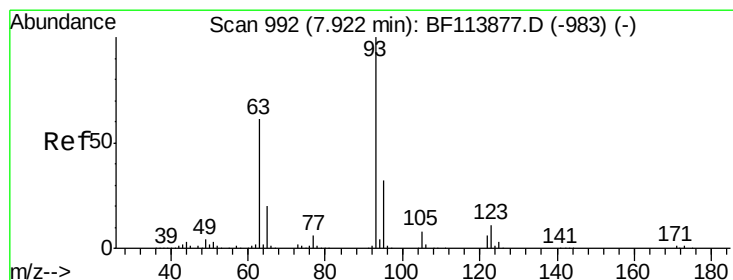
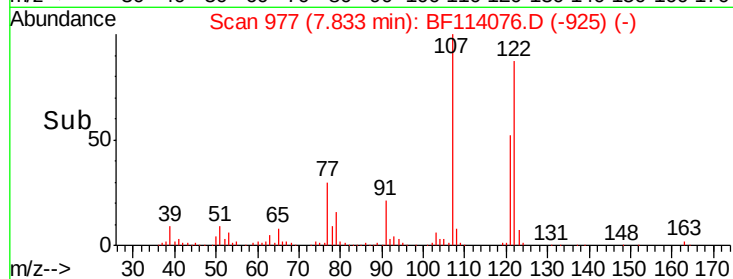
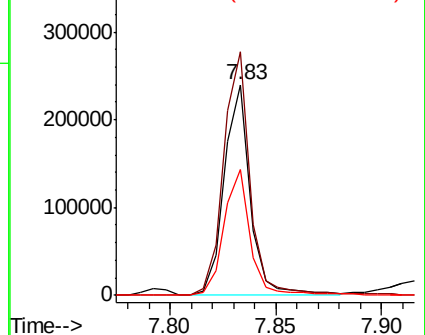
121 59.5 46.4 69.6



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: 45.202 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

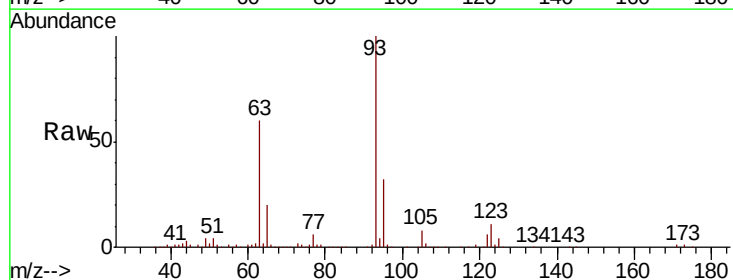
Tgt Ion: 93 Resp: 285872

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

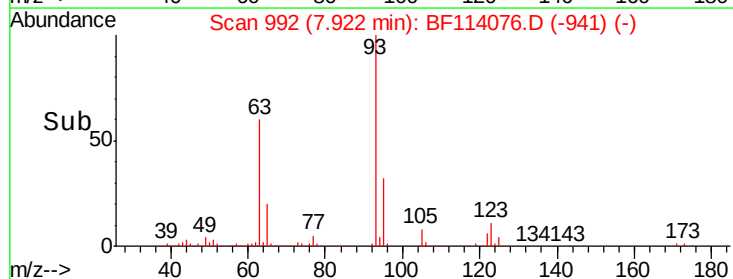
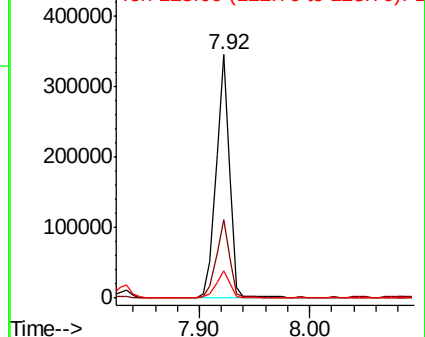
123 11.4 9.0 13.6

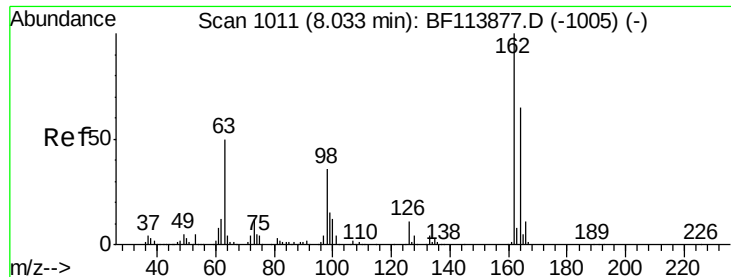


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

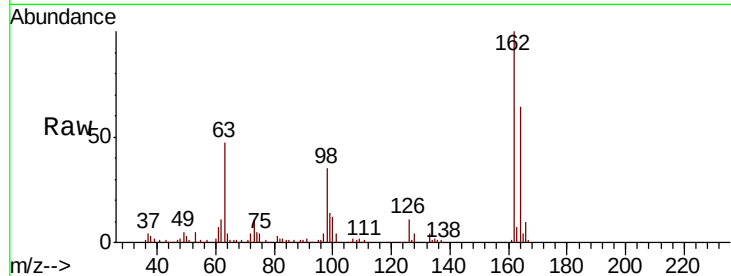




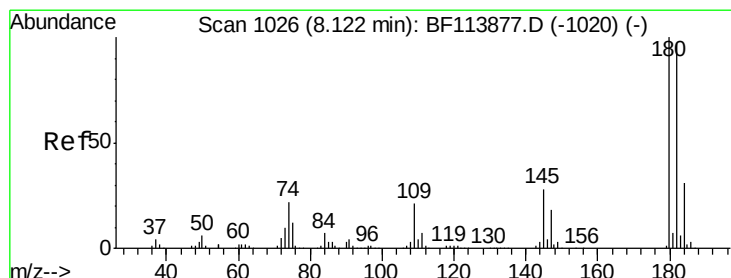
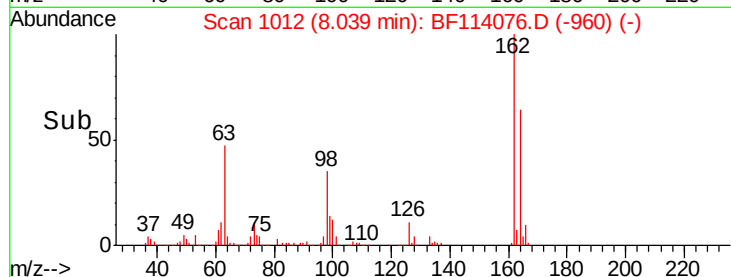
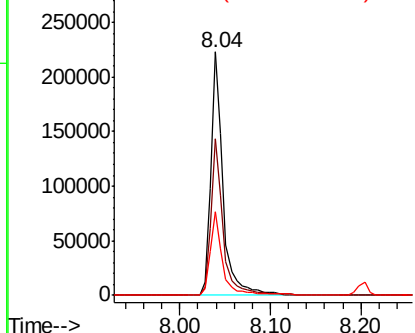
#29
2,4-Dichlorophenol
Concen: 46.748 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

Tot Ion:162 Resp: 212960
Ion Ratio Lower Upper
162 100
164 64.2 43.7 83.7
98 34.6 15.5 55.5

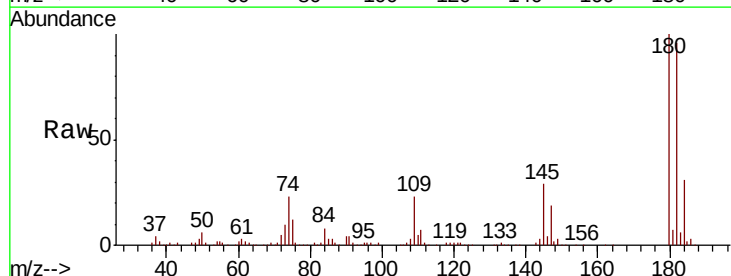


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

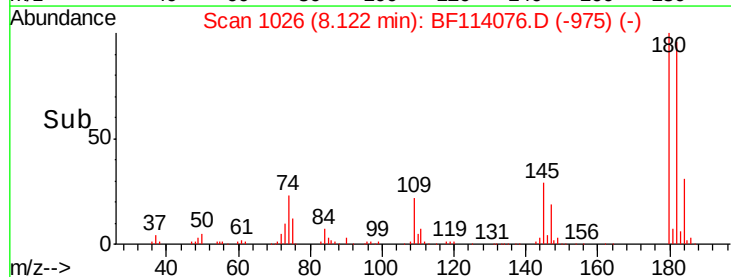
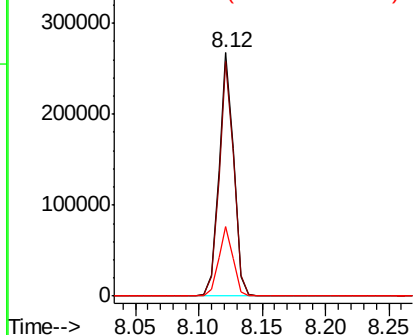


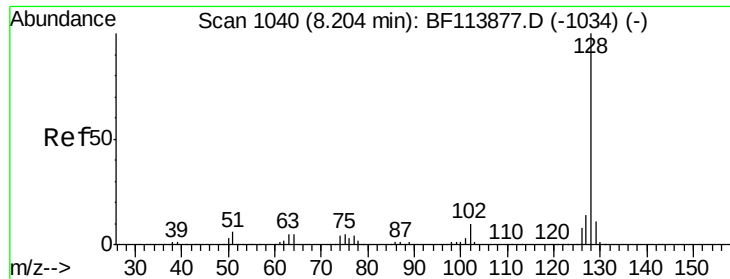
#30
1,2,4-Trichlorobenzene
Concen: 43.402 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:180 Resp: 220455
Ion Ratio Lower Upper
180 100
182 96.4 75.4 113.0
145 28.7 23.0 34.4



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

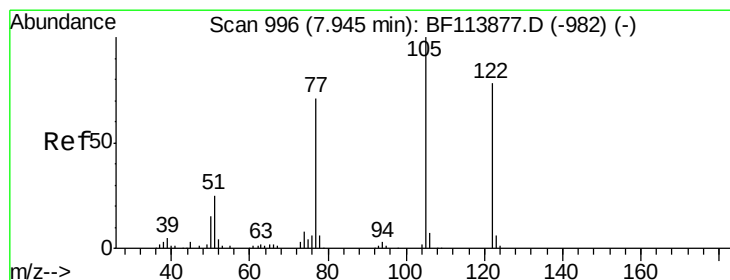
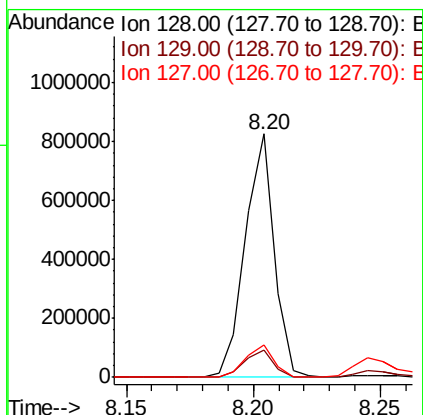
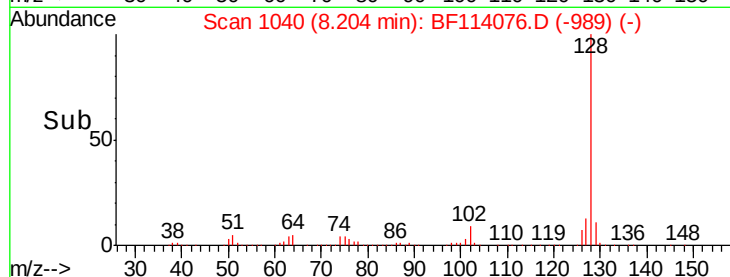
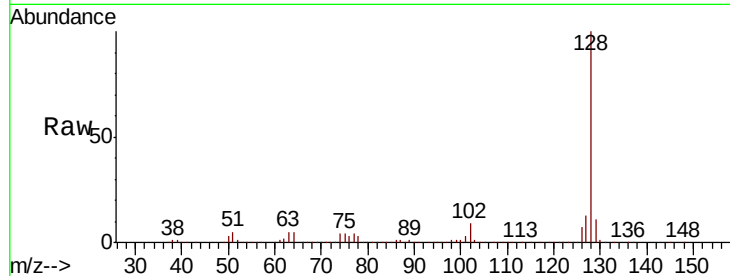




#31
Naphthalene
Concen: 46.355 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

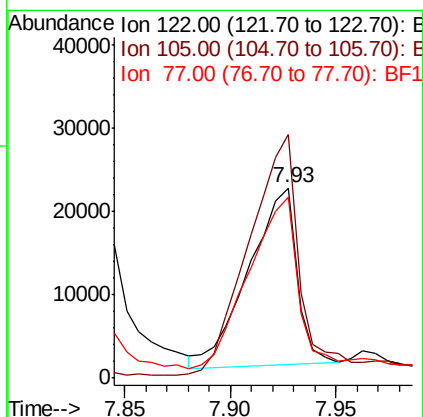
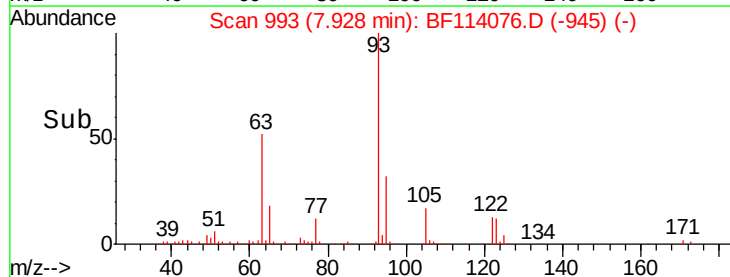
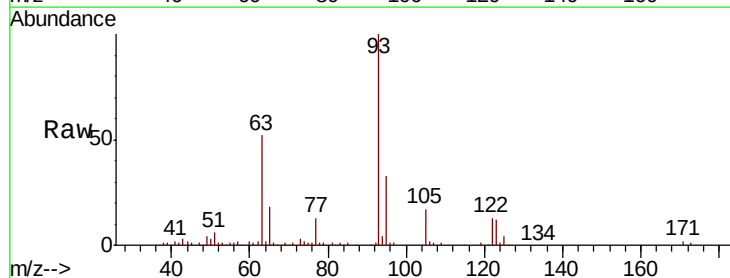
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

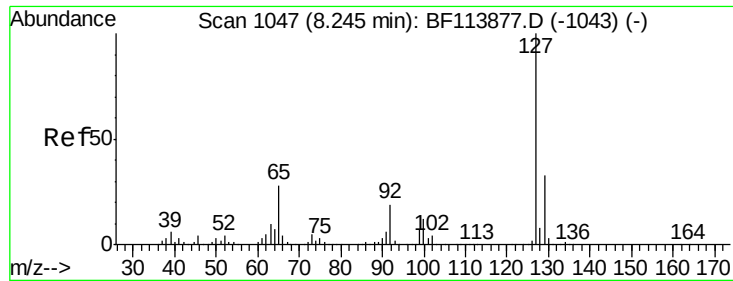
Tot Ion:128 Resp: 659506
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 12.437 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:122 Resp: 33458
Ion Ratio Lower Upper
122 100
105 128.0 104.3 144.3
77 94.8 70.4 110.4

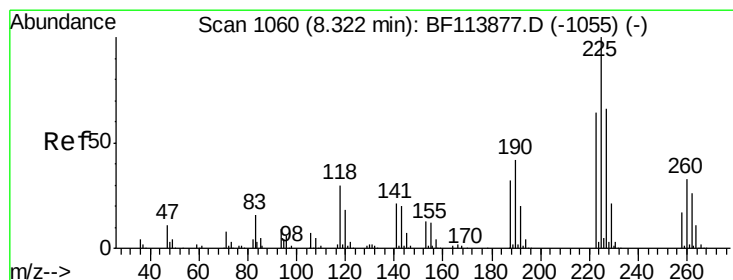
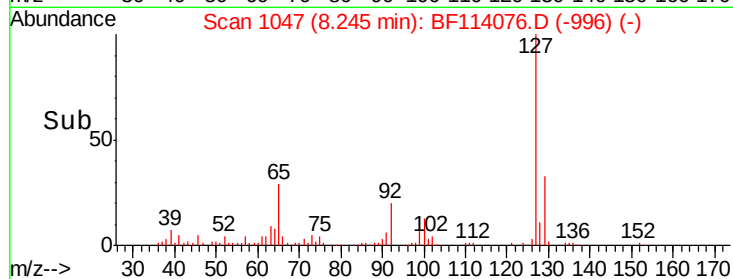
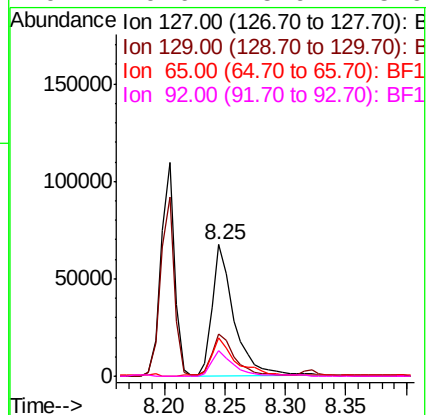
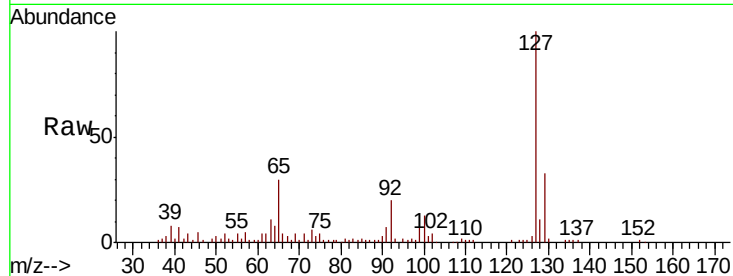




#33
4-Chloroaniline
Concen: 13.951 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

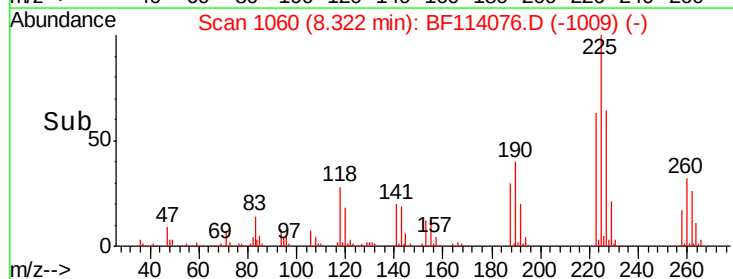
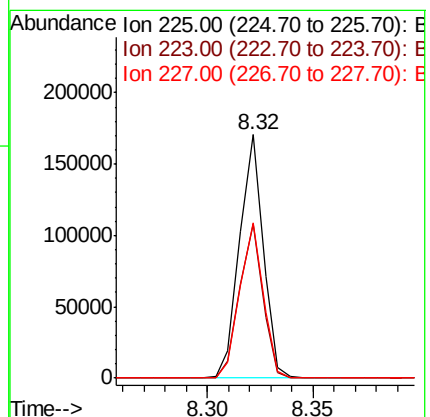
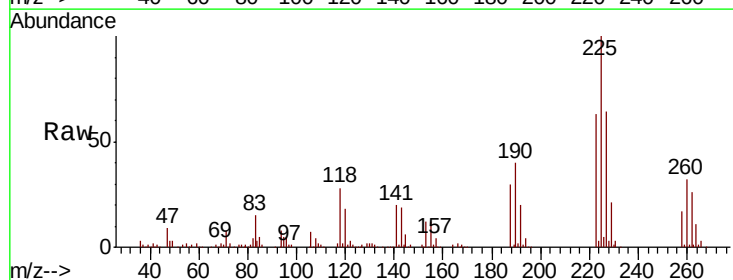
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

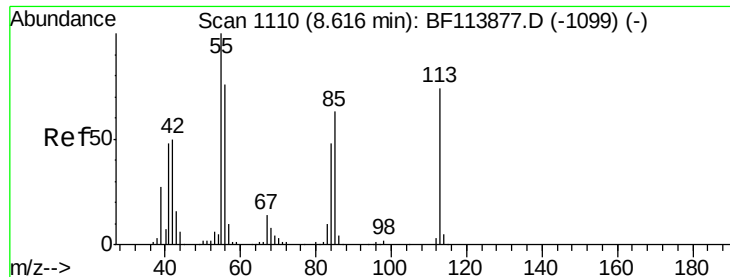
Tot Ion:	127	Resp:	83988
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.4	39.6
65	29.6	24.9	37.3
92	19.6	15.9	23.9



#34
Hexachlorobutadiene
Concen: 41.653 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:	225	Resp:	131893
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.1	76.7
227	63.9	49.9	74.9

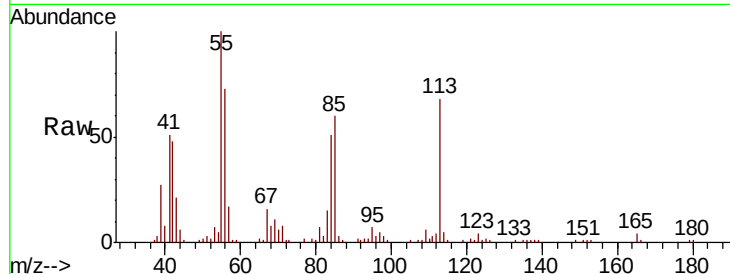




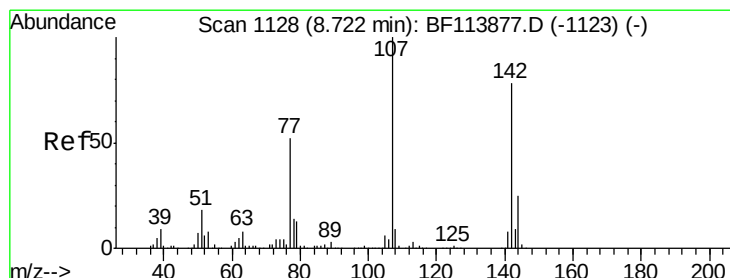
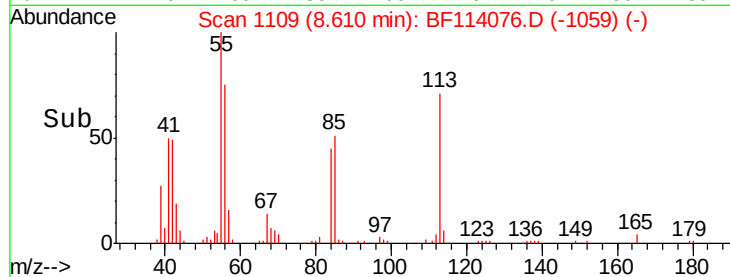
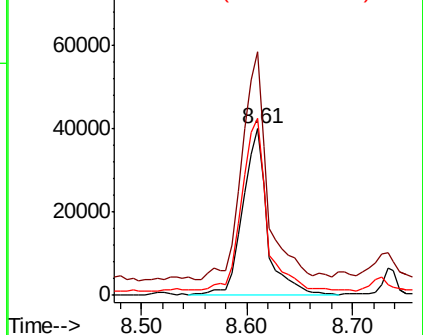
#35
 Caprolactam
 Concen: 44.304 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Instrument :
 BNA_F
 ClientSampleId :
 P-66-TPMSDRE

Tot Ion:113 Resp: 64203
 Ion Ratio Lower Upper
 113 100
 55 146.4 128.6 168.6
 56 106.7 91.9 131.9

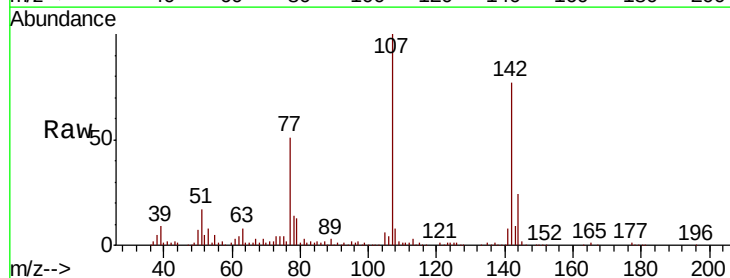


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

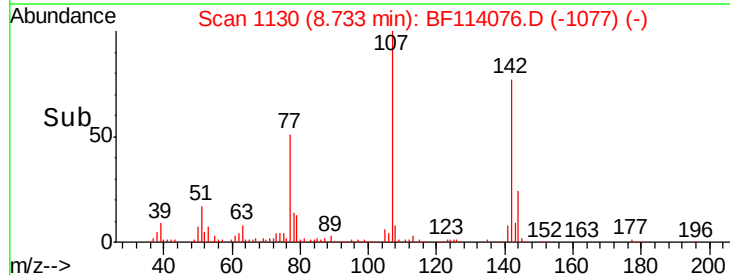
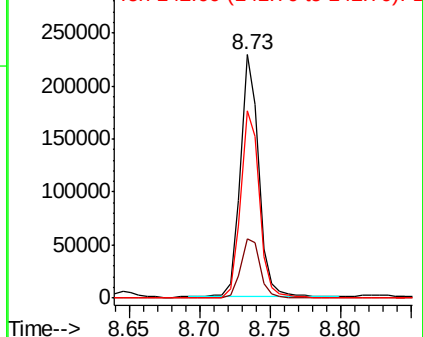


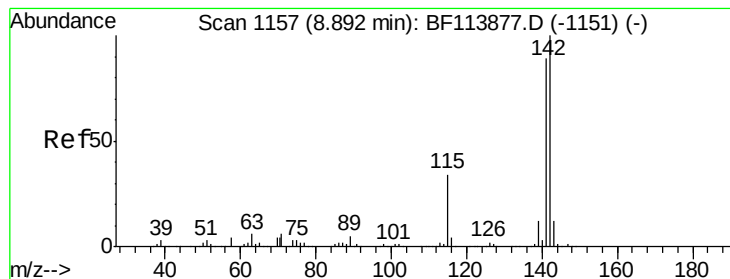
#36
 4-Chloro-3-methylphenol
 Concen: 46.256 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt Ion:107 Resp: 208762
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 76.9 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

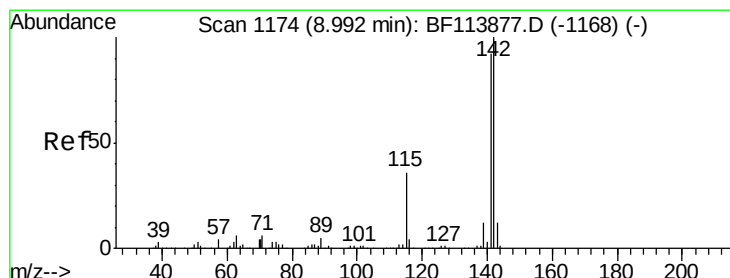
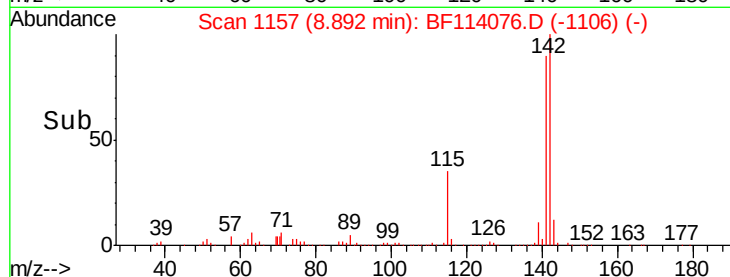
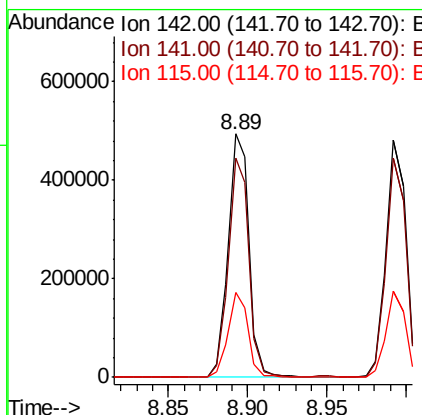
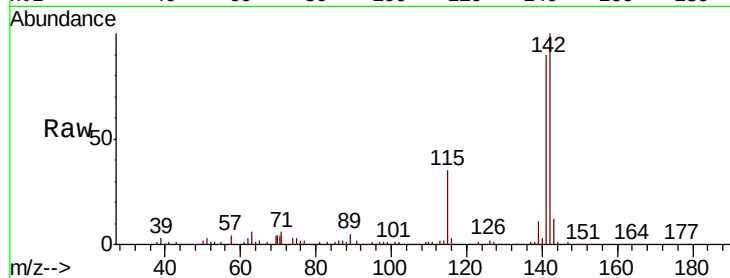




#37
2-Methylnaphthalene
Concen: 47.043 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

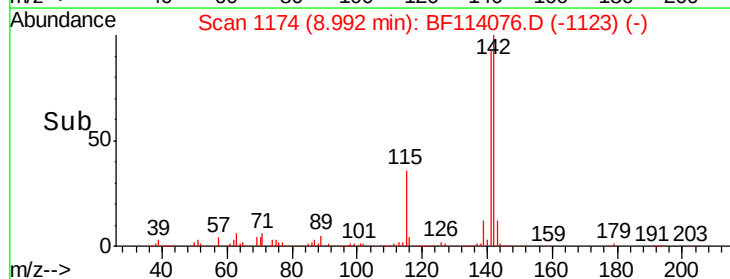
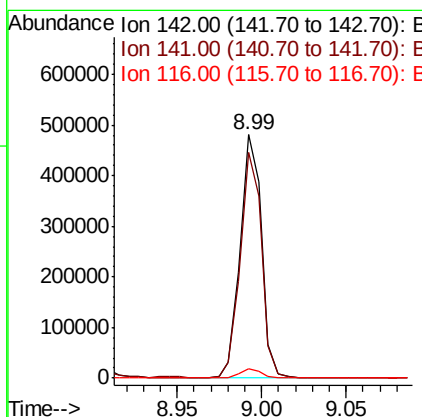
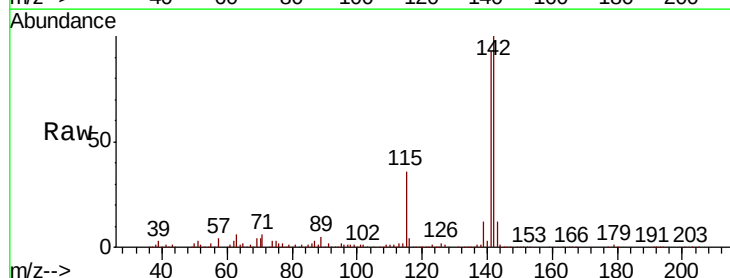
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

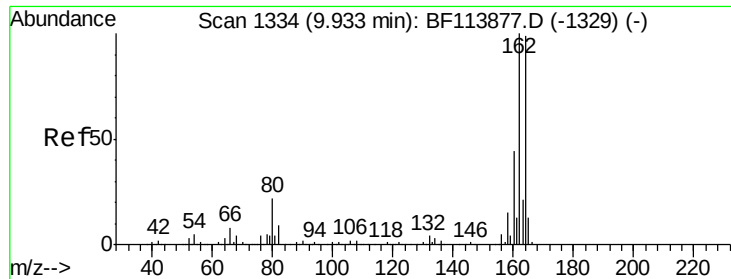
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.4	105.6
115	34.7	26.3	39.5



#38
1-Methylnaphthalene
Concen: 45.421 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.3	108.5
116	3.8	3.0	4.4

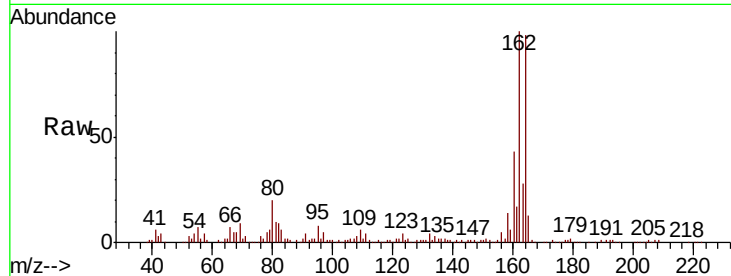




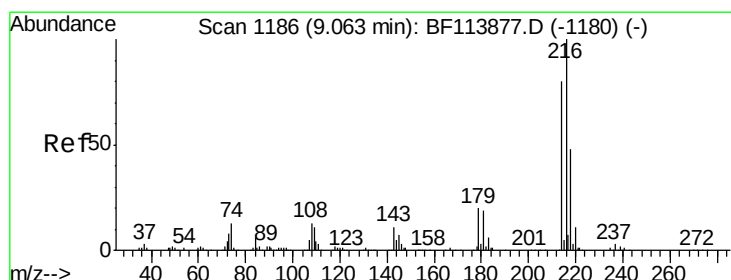
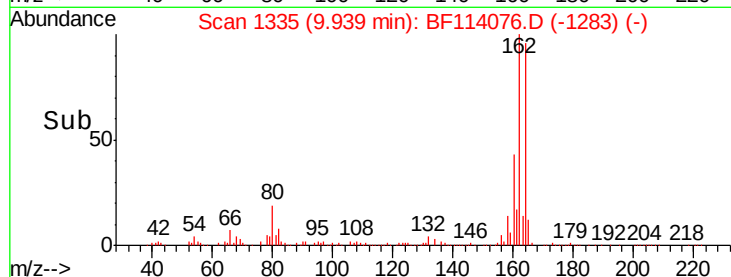
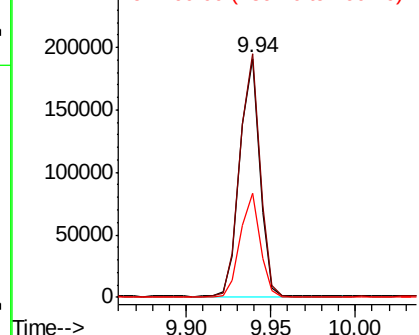
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

Tot Ion:164 Resp: 156031
Ion Ratio Lower Upper
164 100
162 101.9 81.1 121.7
160 43.8 35.8 53.6

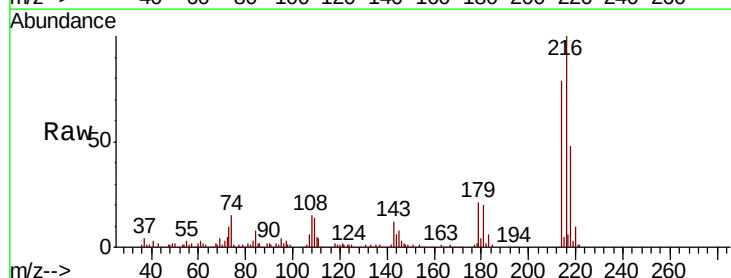


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

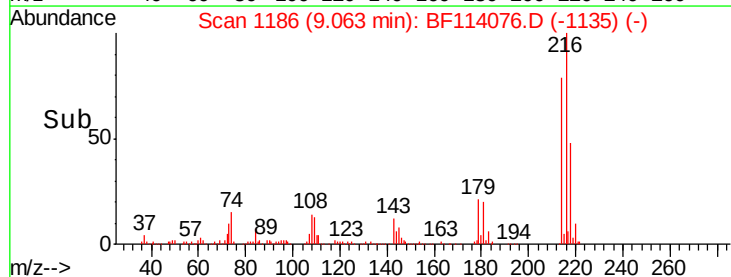
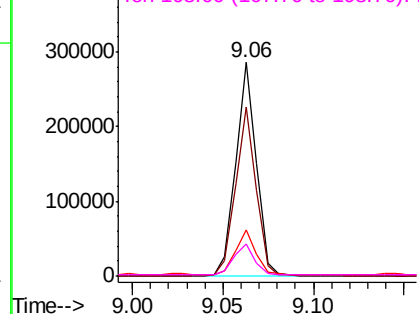


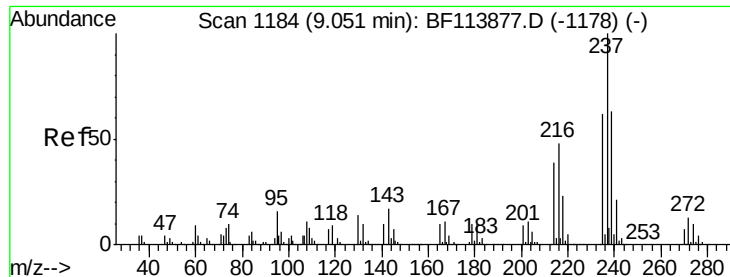
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.653 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:216 Resp: 226318
Ion Ratio Lower Upper
216 100
214 78.8 63.5 95.3
179 21.3 16.1 24.1
108 14.6 13.4 20.0



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: 2.962 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

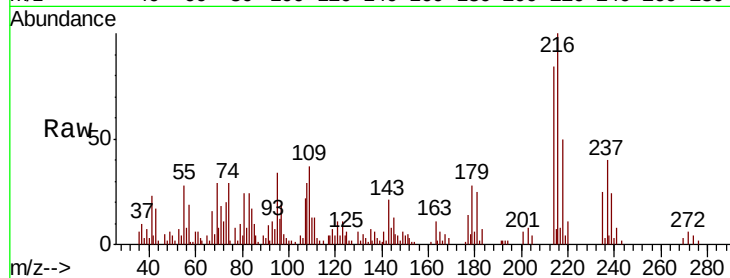
Tot Ion:237 Resp: 8373

Ion Ratio Lower Upper

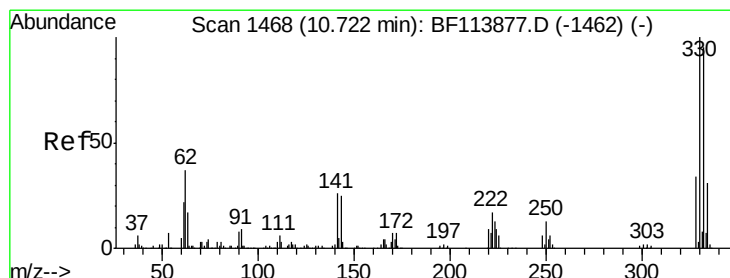
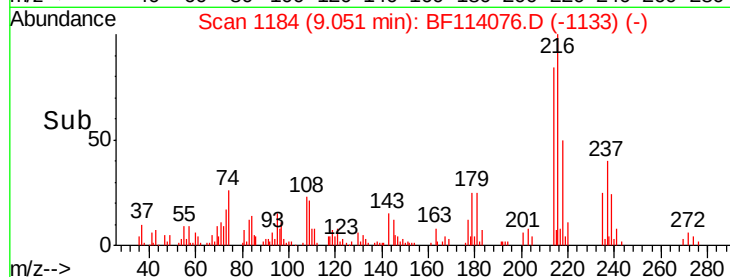
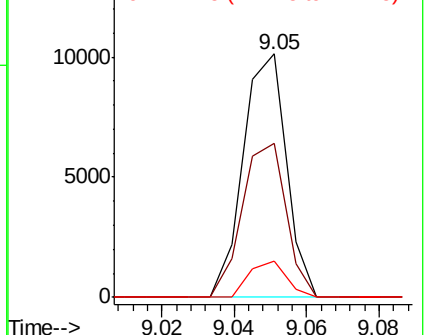
237 100

235 63.5 42.6 82.6

272 15.0 0.0 33.8



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: 121.751 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

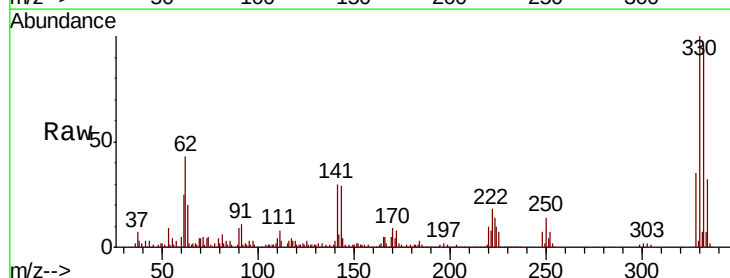
Tgt Ion:330 Resp: 231422

Ion Ratio Lower Upper

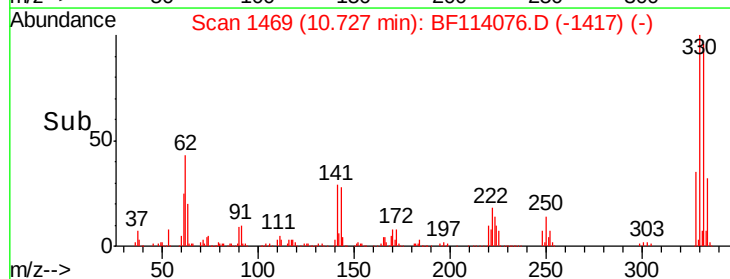
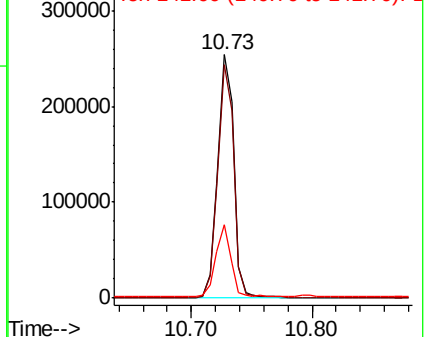
330 100

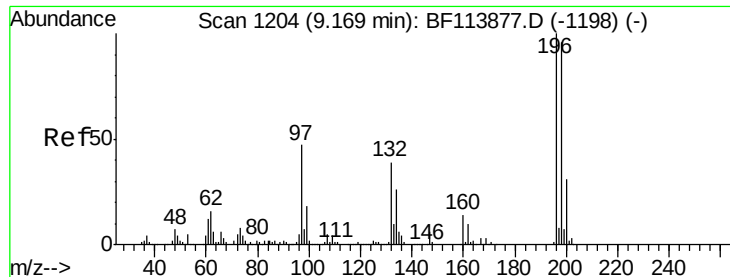
332 96.8 77.5 116.3

141 27.4 22.2 33.2



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

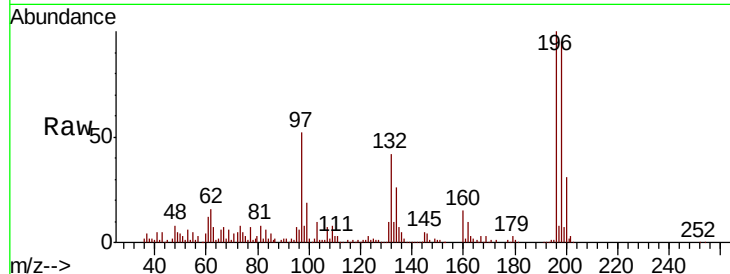




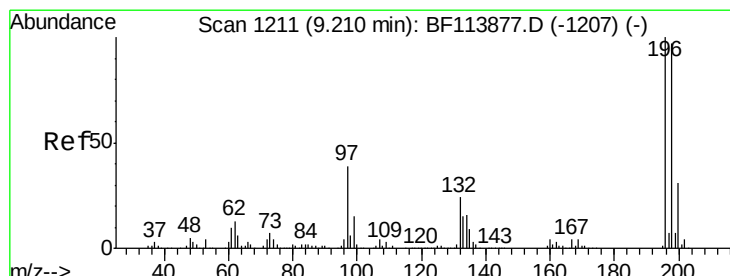
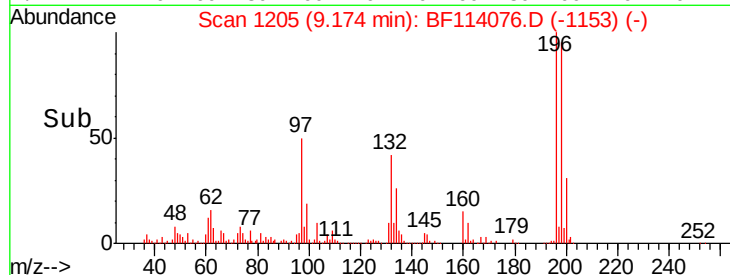
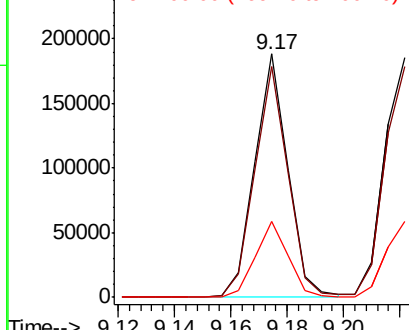
#43
2,4,6-Trichlorophenol
Concen: 47.718 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

Tot Ion:196 Resp: 153577
Ion Ratio Lower Upper
196 100
198 95.0 75.6 113.4
200 31.0 24.7 37.1

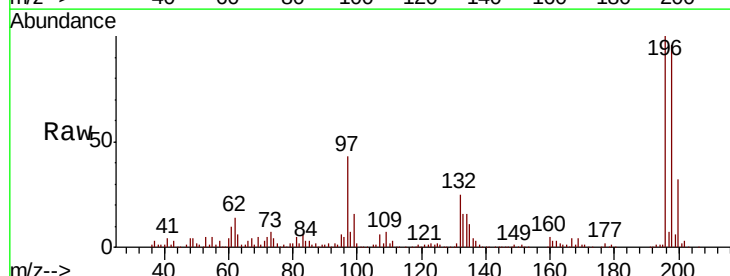


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

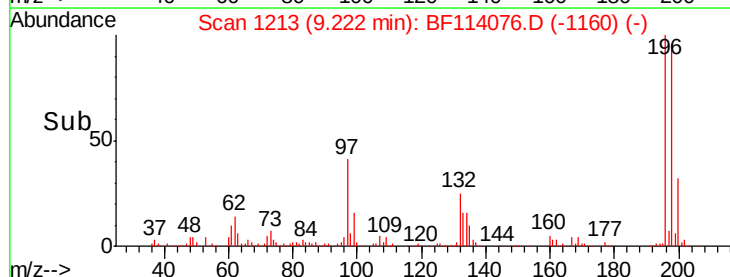
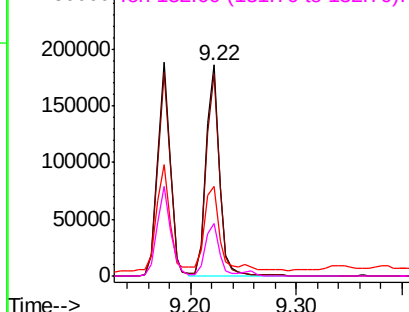


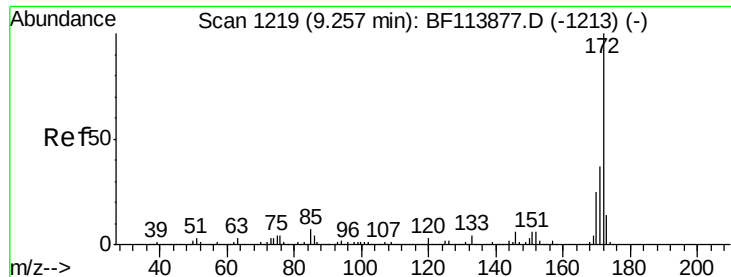
#44
2,4,5-Trichlorophenol
Concen: 45.677 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:196 Resp: 164889
Ion Ratio Lower Upper
196 100
198 95.9 76.2 114.4
97 42.8 35.8 53.8
132 24.7 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

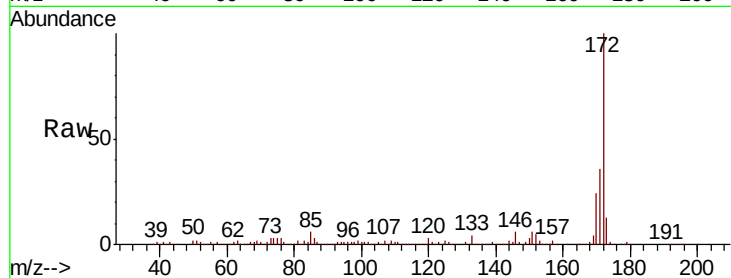




#45
2-Fluorobiphenyl
Concen: 79.674 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.9	19.9	29.9

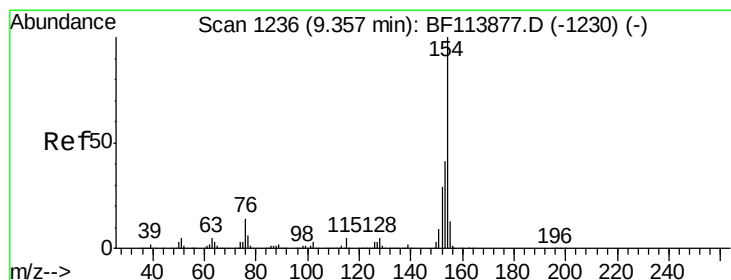
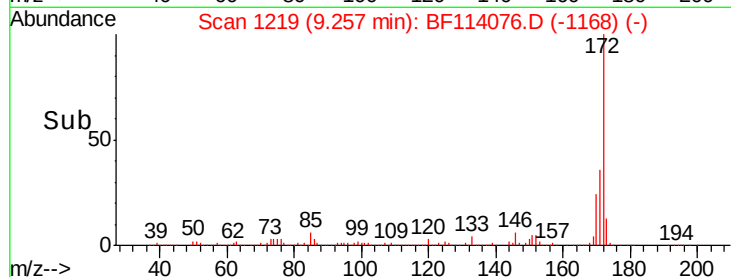
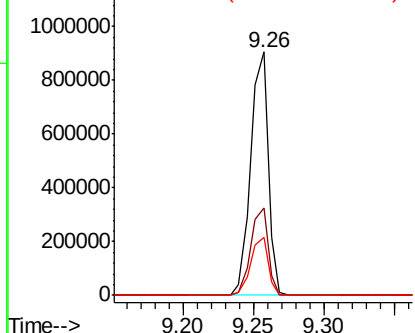


Abundance

Ion 172.00 (171.70 to 172.70): E

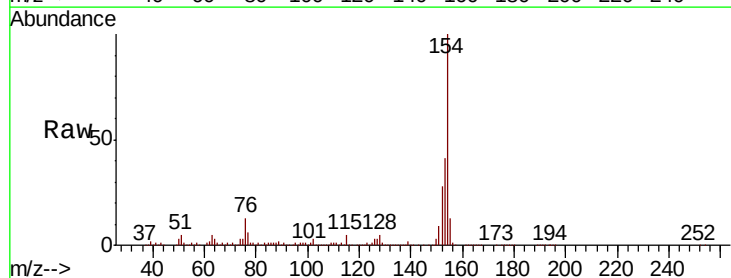
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.423 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	13.4	0.0	35.2

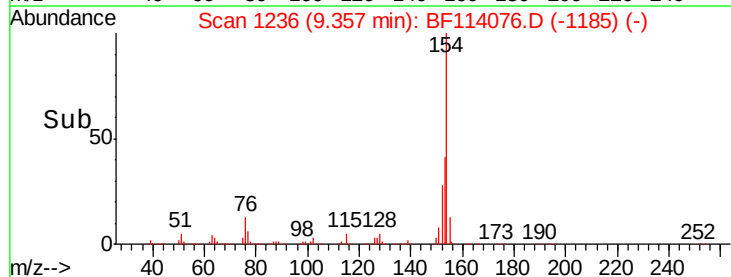
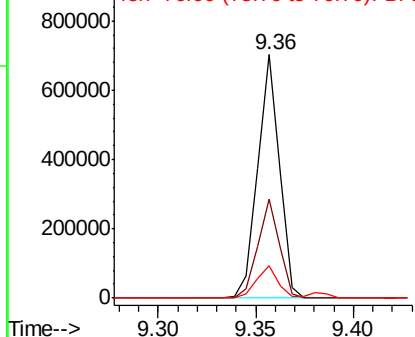


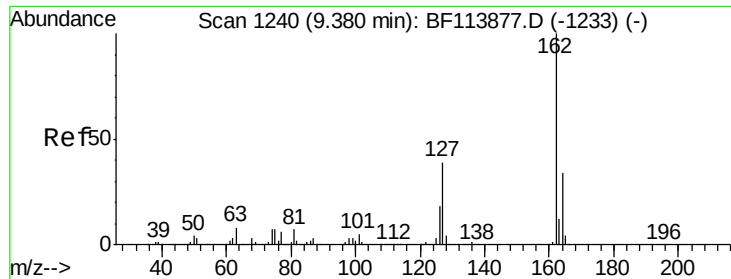
Abundance

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

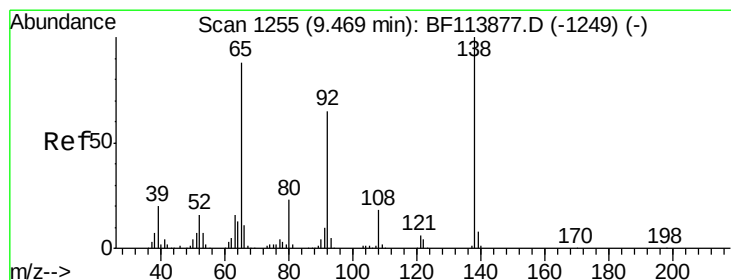
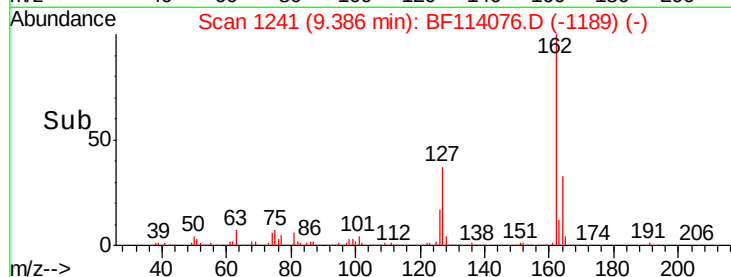
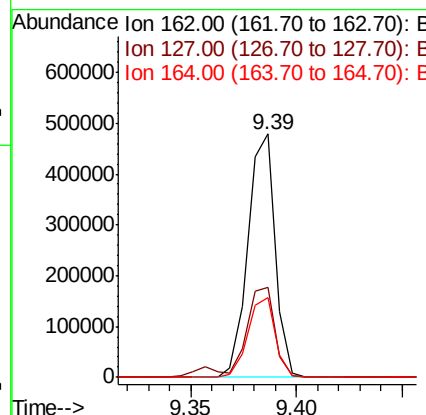
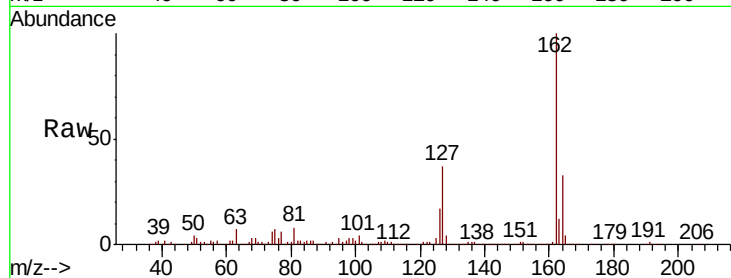




#47
 2-Chloronaphthalene
 Concen: 44.199 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

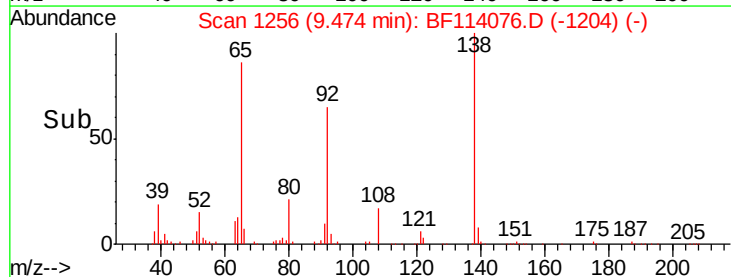
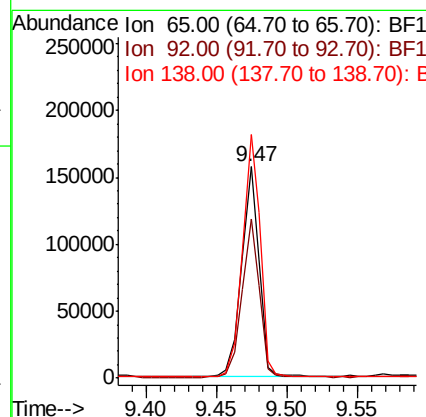
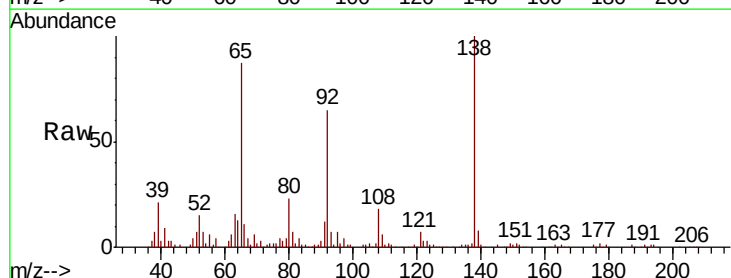
Instrument :
 BNA_F
 ClientSampleId :
 P-66-TPMSDRE

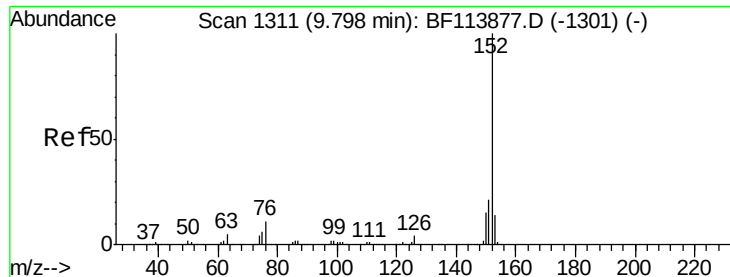
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	29.3	43.9
164	32.6	27.1	40.7



#48
 2-Nitroaniline
 Concen: 53.223 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	57.4	86.0
138	115.3	85.4	128.0





#49

Acenaphthylene

Concen: 42.231 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

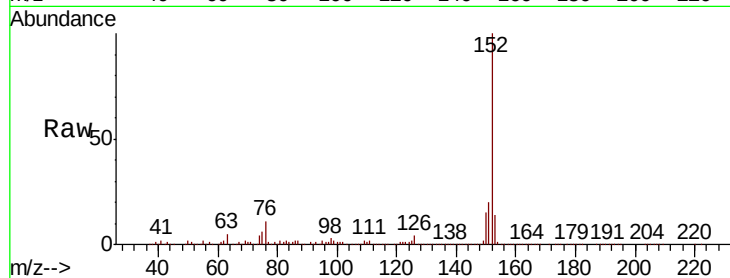
Tot Ion:152 Resp: 640860

Ion Ratio Lower Upper

152 100

151 20.1 17.0 25.4

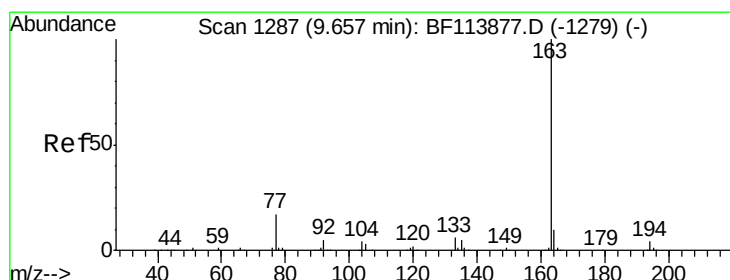
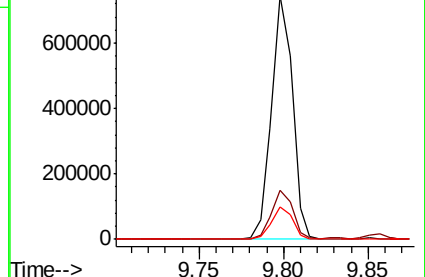
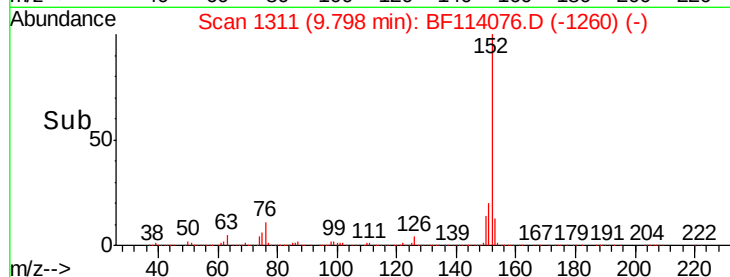
153 13.5 11.0 16.6



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: 56.714 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

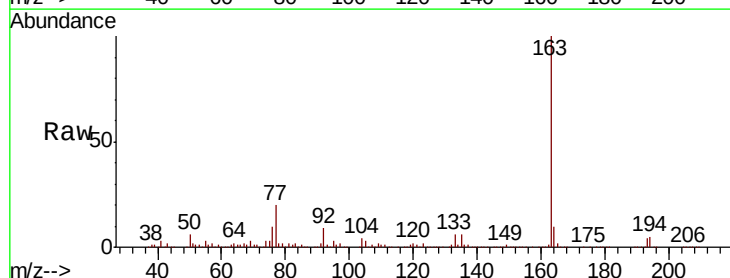
Tgt Ion:163 Resp: 639986

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

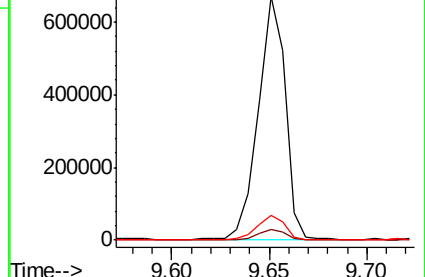
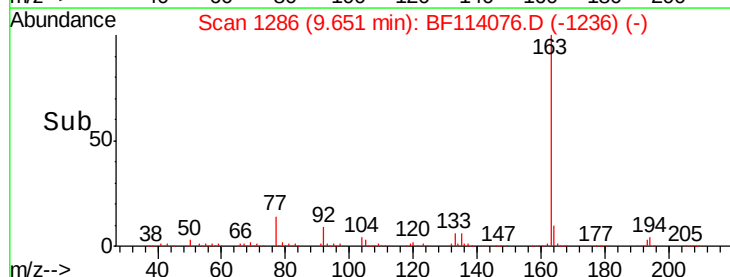
164 10.4 8.5 12.7

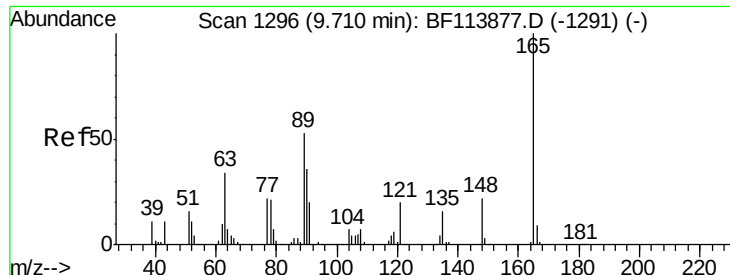


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.041 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

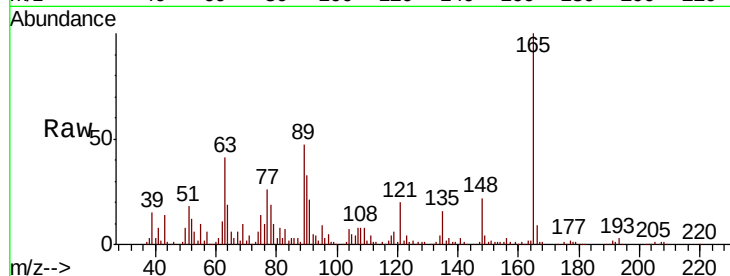
Tot Ion:165 Resp: 106621

Ion Ratio Lower Upper

165 100

63 41.2 33.8 50.8

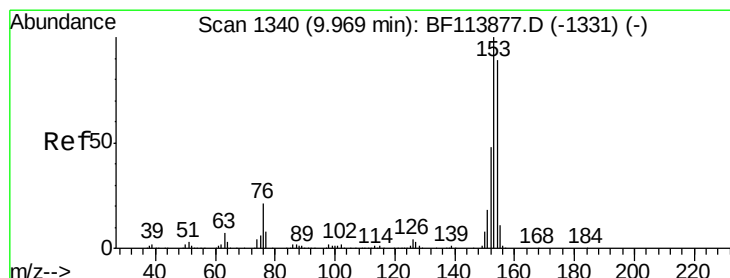
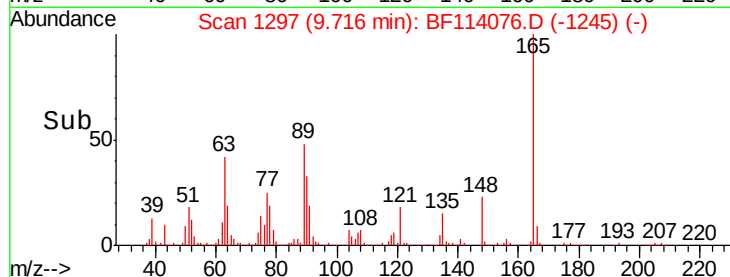
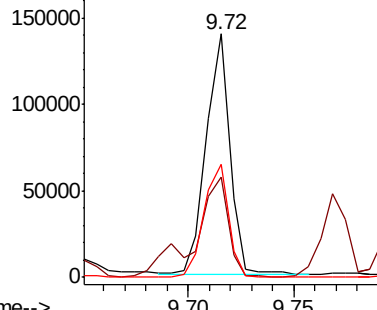
89 46.7 38.2 57.2



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: 41.770 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

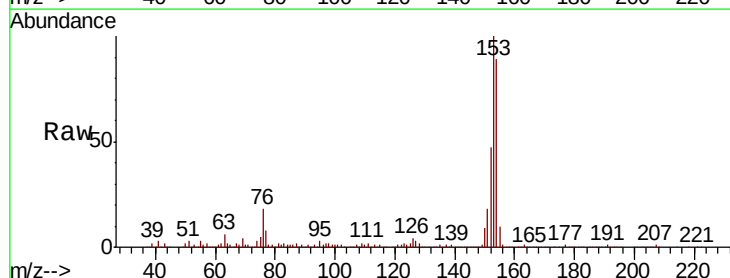
Tgt Ion:154 Resp: 374599

Ion Ratio Lower Upper

154 100

153 111.9 87.2 130.8

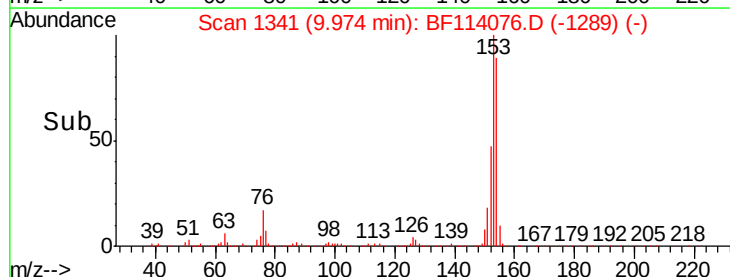
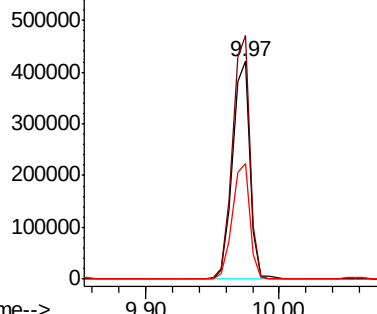
152 53.1 42.3 63.5

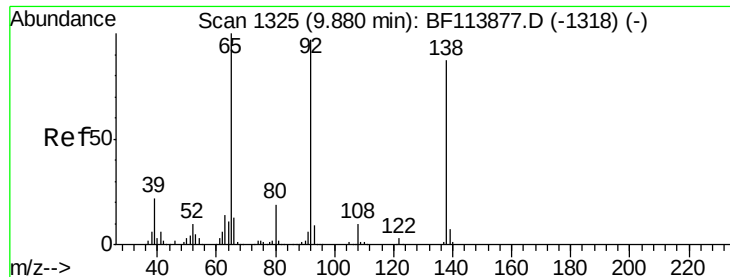


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

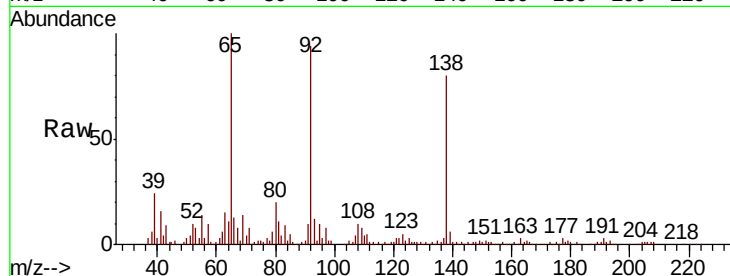




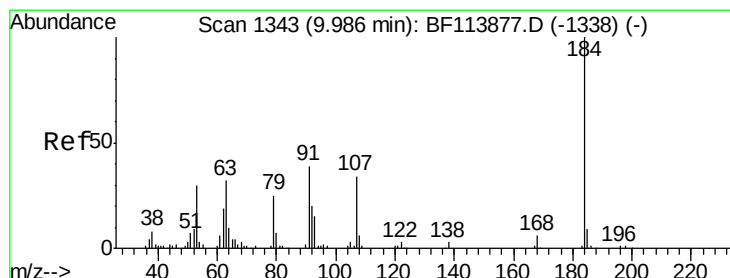
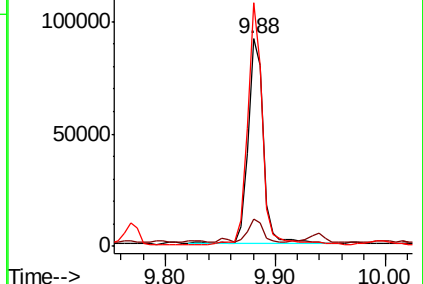
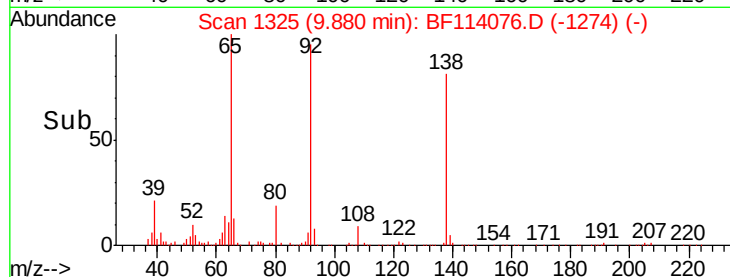
#53
3-Nitroaniline
Concen: 34.728 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

Tot Ion:138 Resp: 88347
Ion Ratio Lower Upper
138 100
108 12.9 9.4 14.2
92 117.3 94.1 141.1

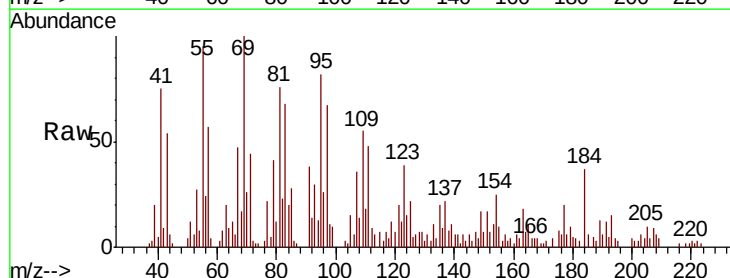


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

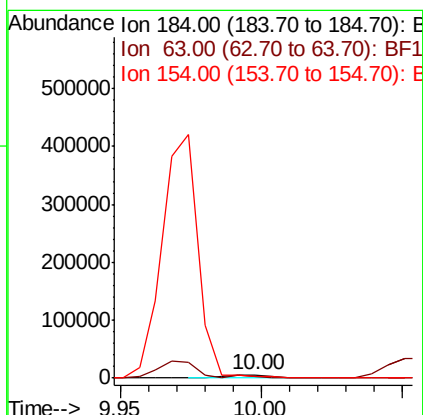
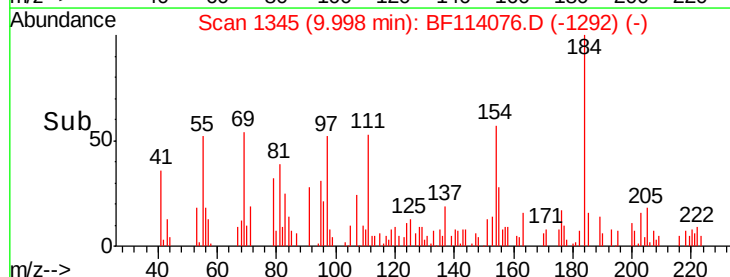


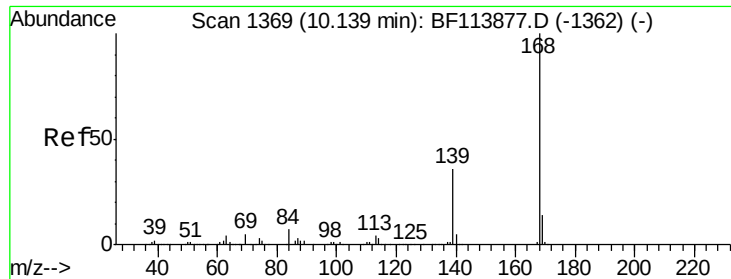
#54
2,4-Dinitrophenol
Concen: 13.766 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:184 Resp: 6367
Ion Ratio Lower Upper
184 100
63 53.7 54.6 81.8#
154 66.7 218.6 328.0#



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

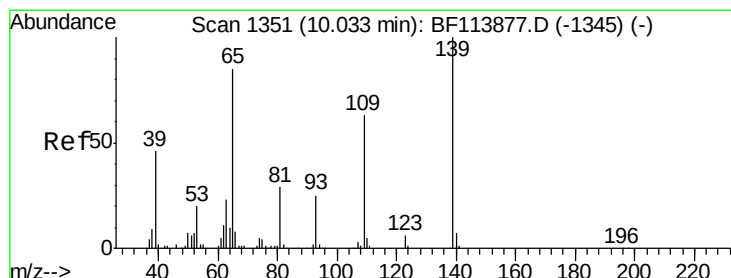
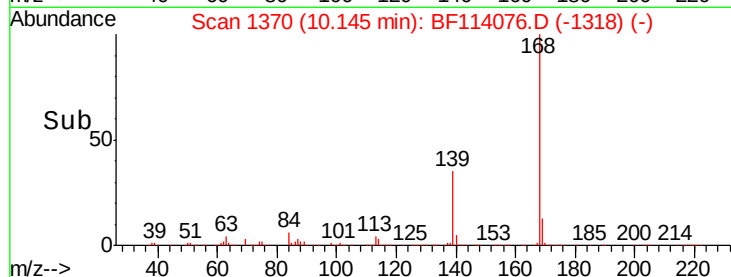
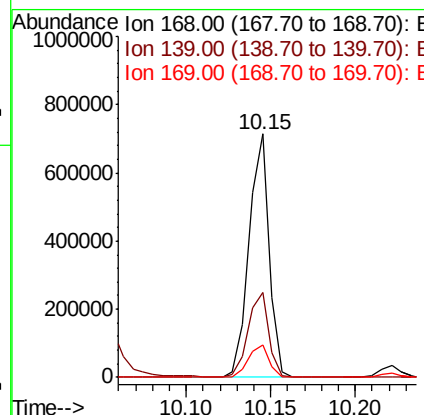
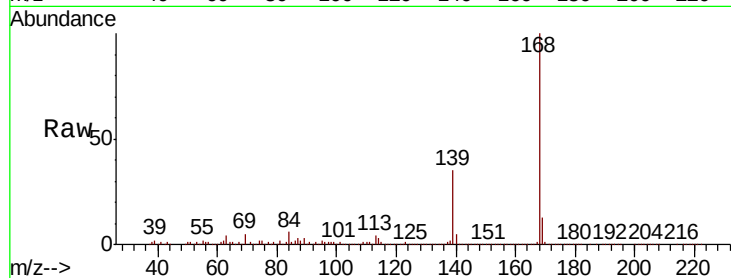




#55
Dibenzofuran
Concen: 44.097 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

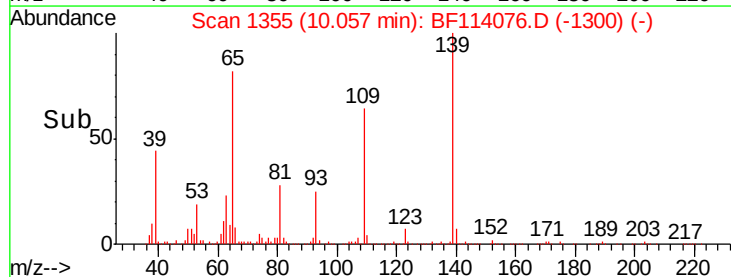
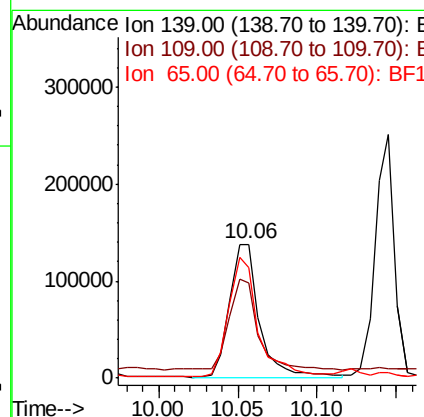
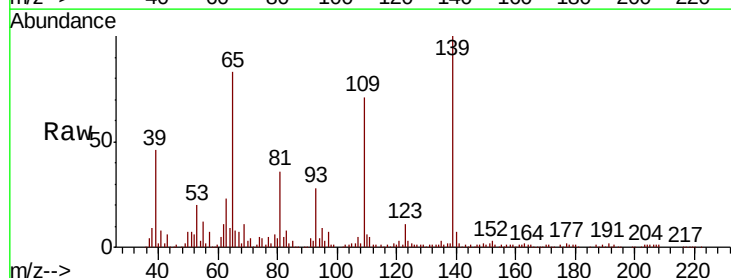
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

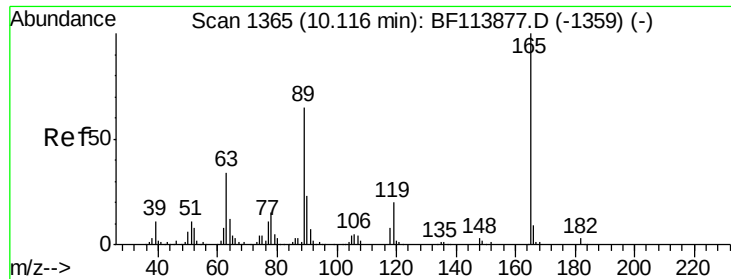
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	27.8	41.6
169	13.2	11.0	16.6



#56
4-Nitrophenol
Concen: 88.292 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.9	42.9	82.9
65	82.6	64.4	104.4

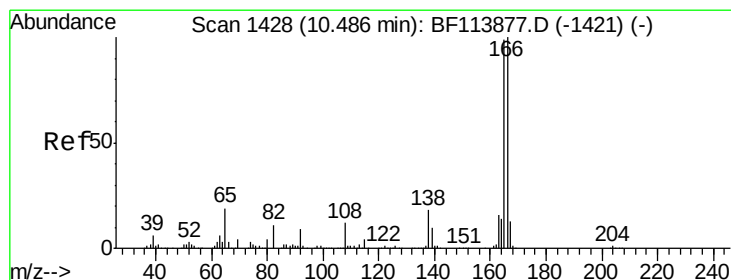
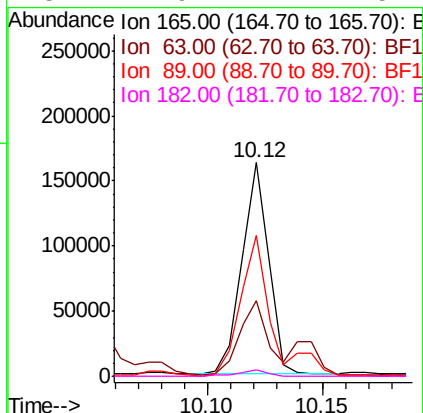
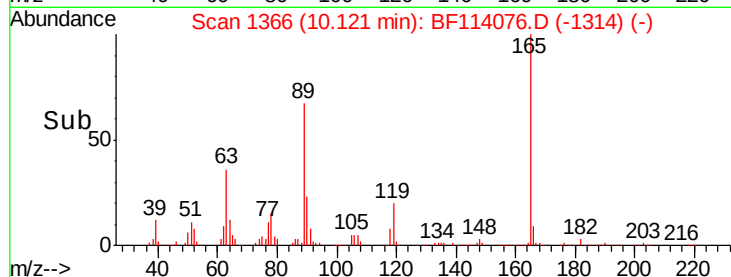
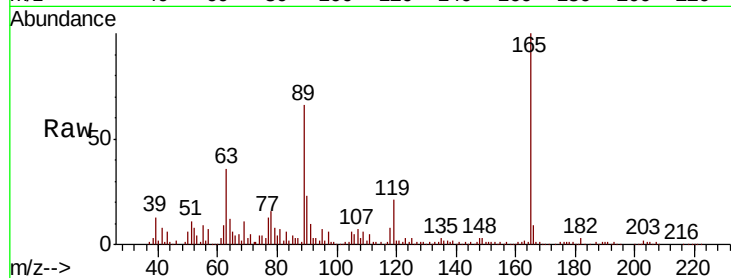




#57
 2,4-Dinitrotoluene
 Concen: 42.722 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

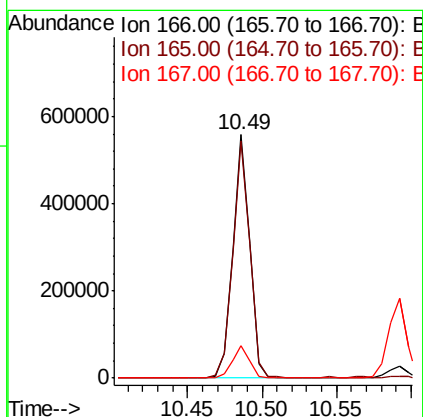
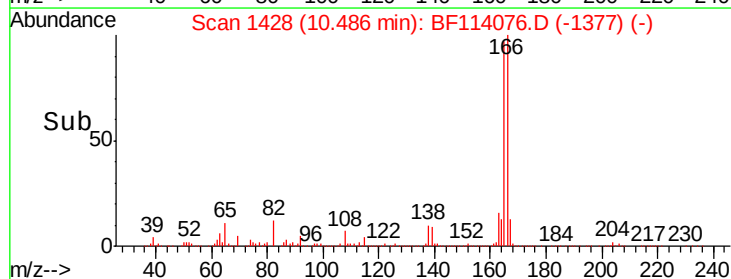
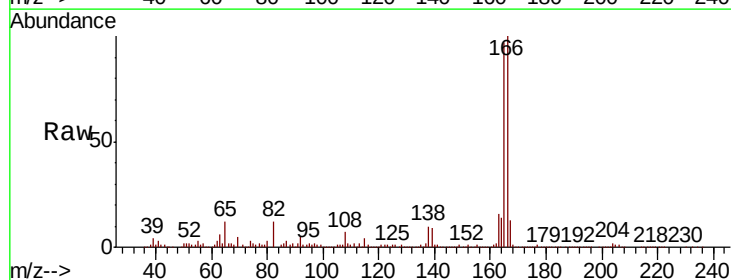
Instrument :
 BNA_F
 ClientSampleId :
 P-66-TPMSDRE

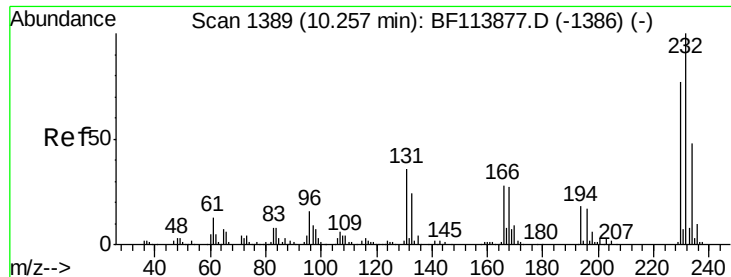
Tot	Ion:165	Resp:	130547
Ion	Ratio	Lower	Upper
165	100		
63	35.5	27.4	41.0
89	66.2	51.8	77.6
182	2.9	2.2	3.2



#58
 Fluorene
 Concen: 44.152 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt	Ion:166	Resp:	446551
Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	13.2	10.9	16.3

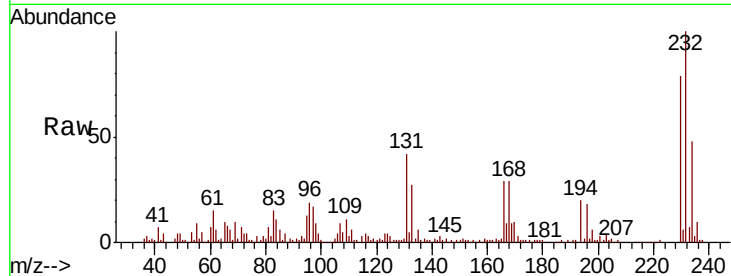




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.013 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.9	30.2	45.2
130	2.0	1.5	2.3
166	26.8	22.2	33.4



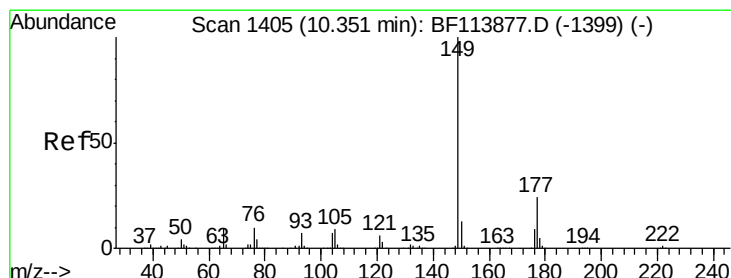
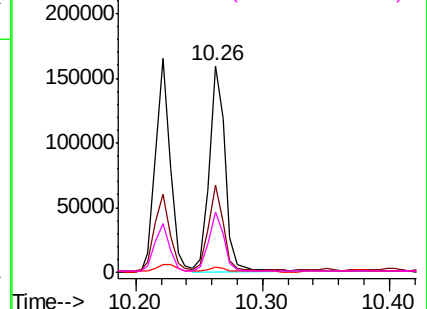
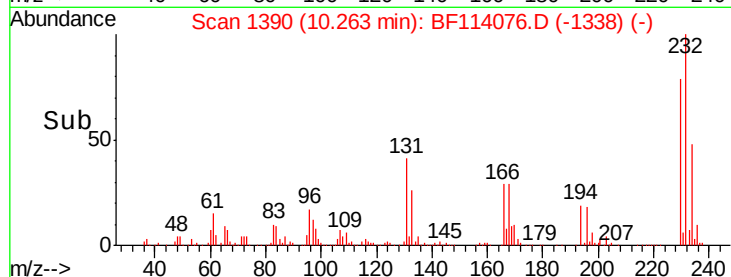
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

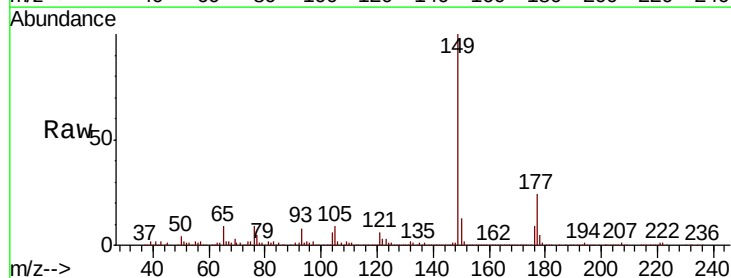
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.332 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.2	28.8
150	12.9	10.3	15.5

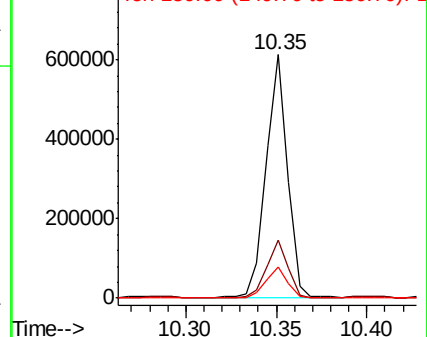
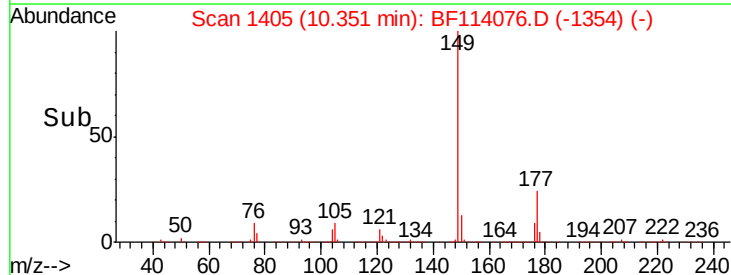


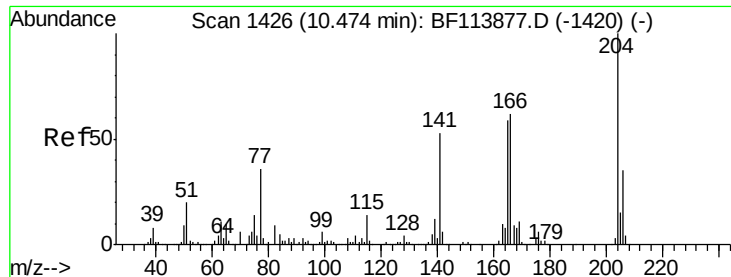
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

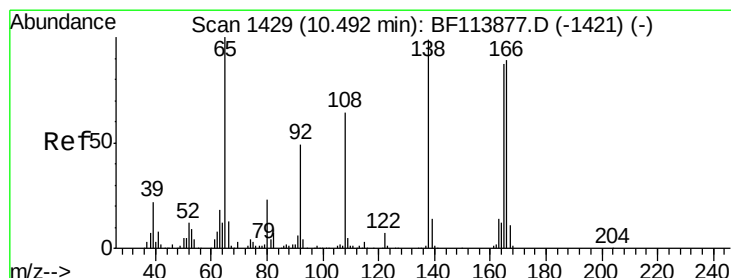
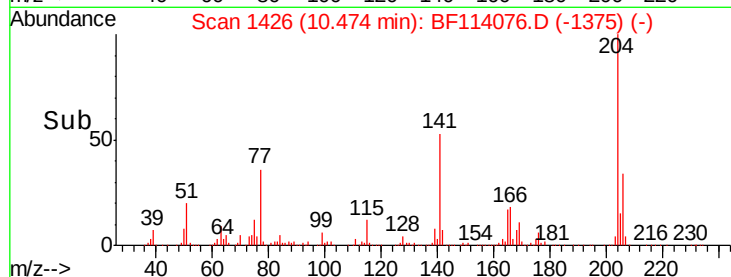
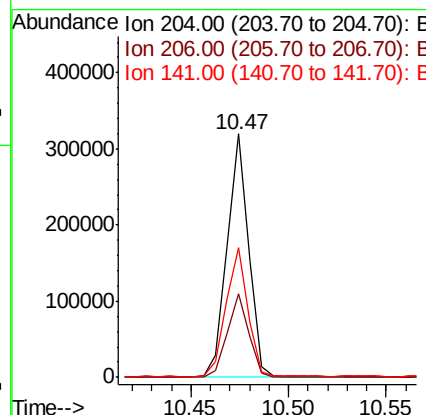
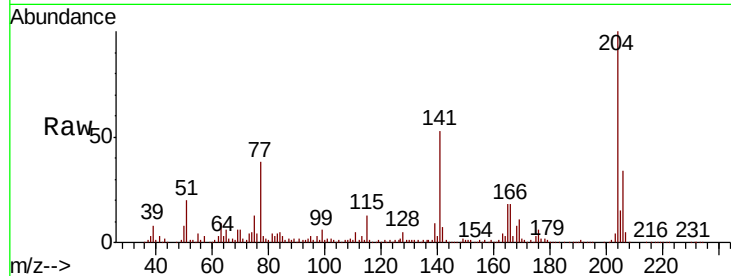




#61
4-Chlorophenyl-phenylether
Concen: 45.267 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

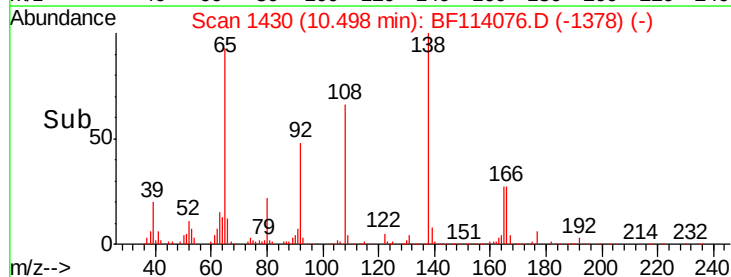
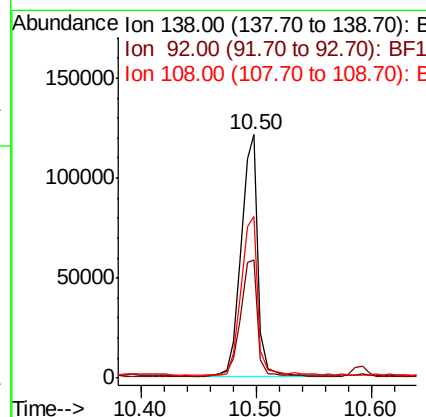
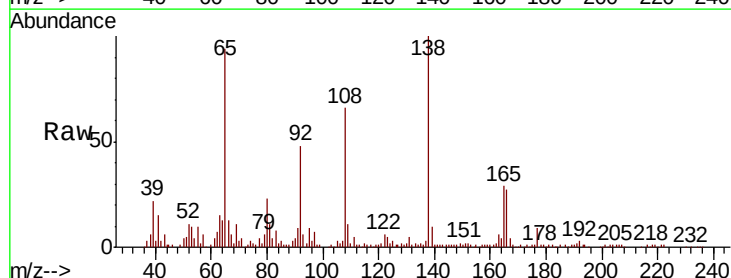
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

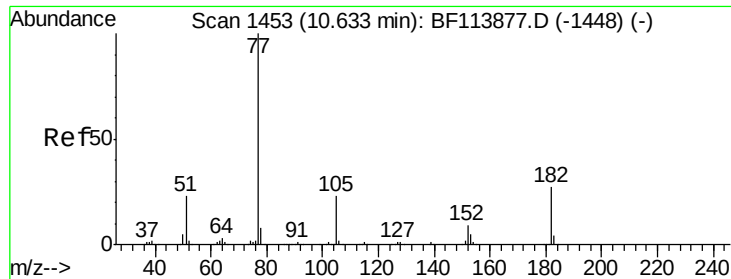
Tot Ion:204 Resp: 242459
Ion Ratio Lower Upper
204 100
206 34.5 27.4 41.2
141 53.3 42.6 63.8



#62
4-Nitroaniline
Concen: 48.435 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:138 Resp: 120243
Ion Ratio Lower Upper
138 100
92 48.4 31.3 71.3
108 66.5 48.9 88.9

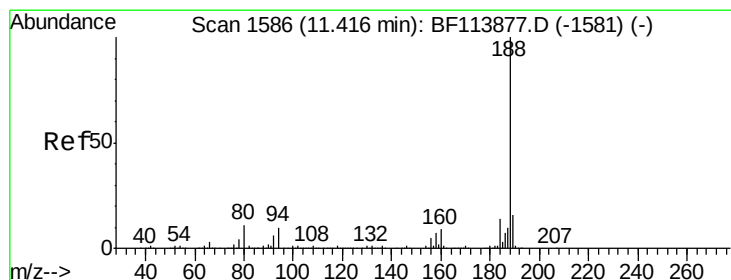
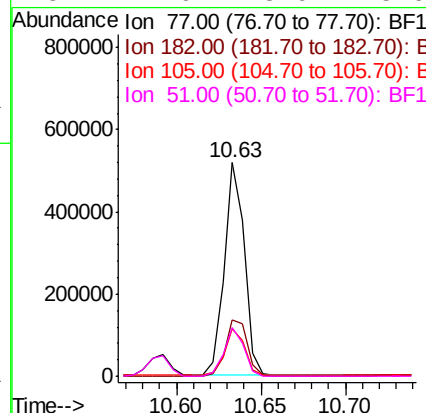
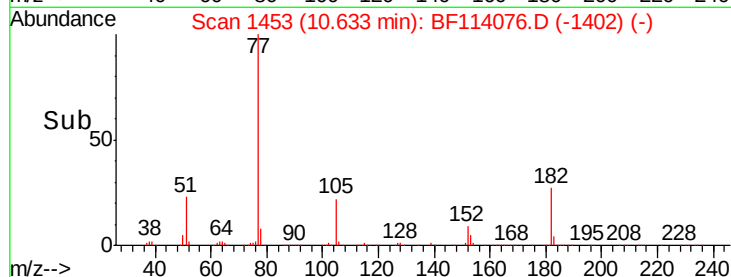
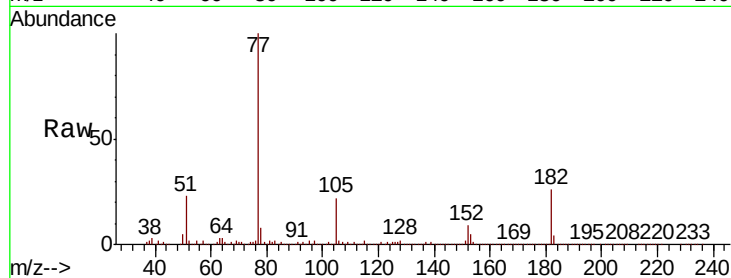




#63
Azobenzene
Concen: 41.090 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

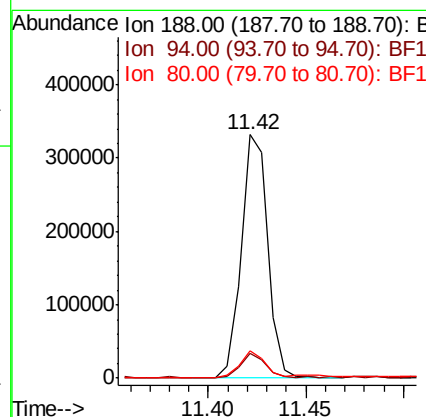
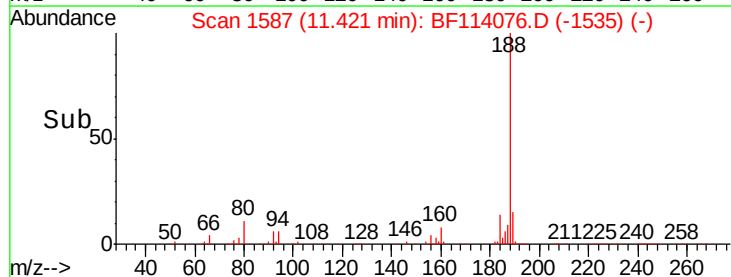
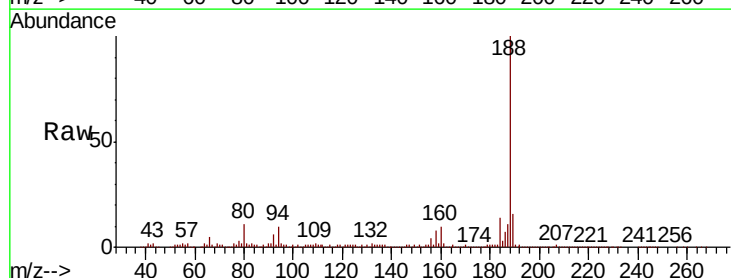
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

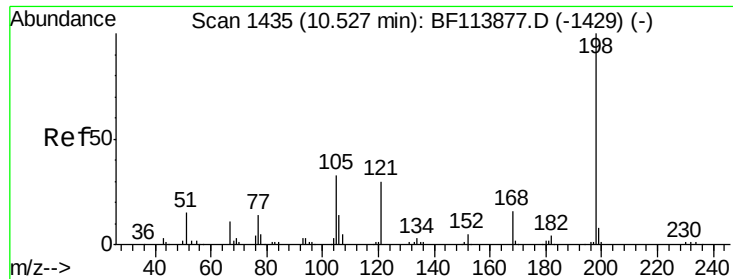
Tot Ion:	77	Resp:	426751
Ion	Ratio	Lower	Upper
77	100		
182	26.4	4.4	44.4
105	22.4	2.2	42.2
51	22.9	3.9	43.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:	188	Resp:	309260
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.4
80	11.4	9.0	13.6

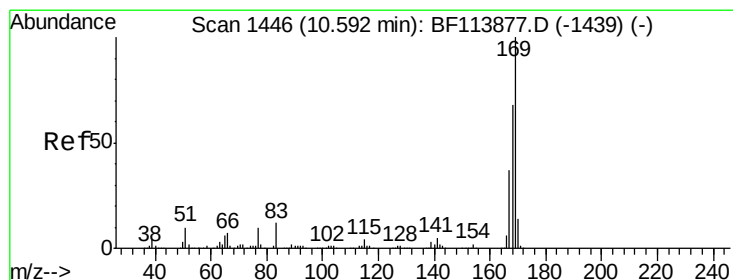
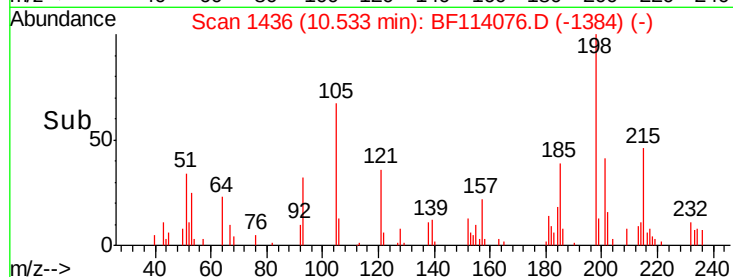
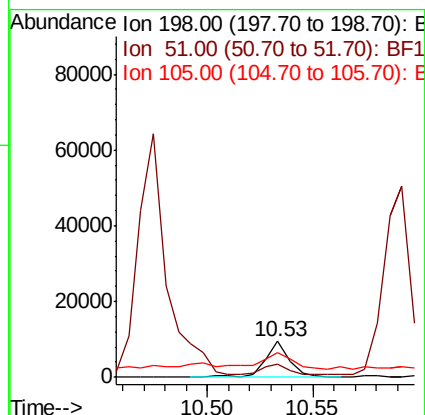
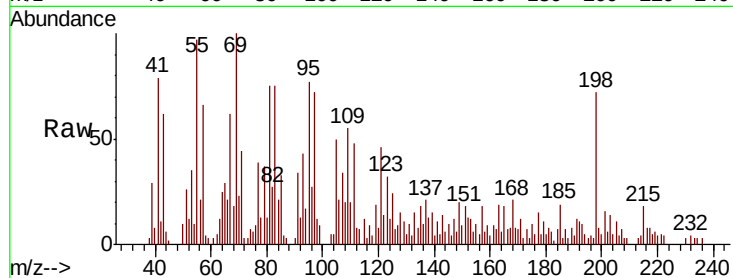




#65
4,6-Dinitro-2-methylphenol
Concen: 11.913 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

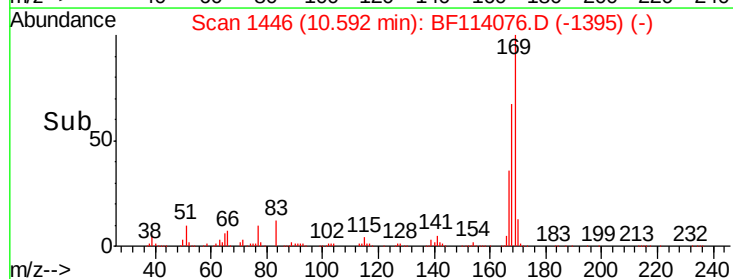
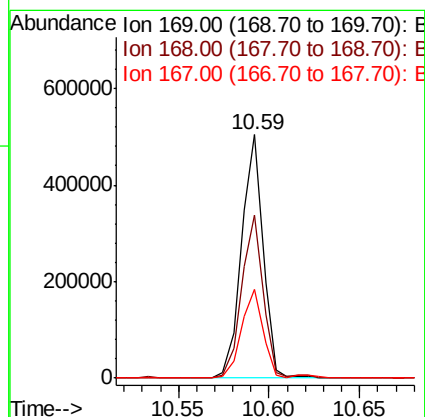
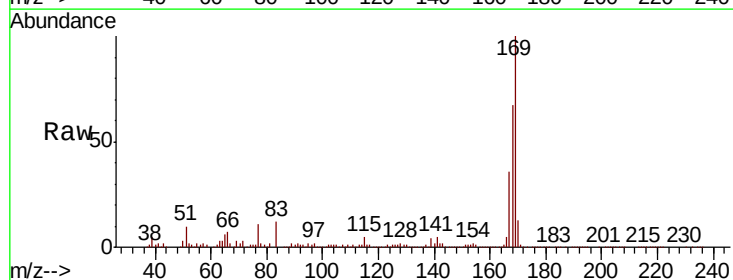
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

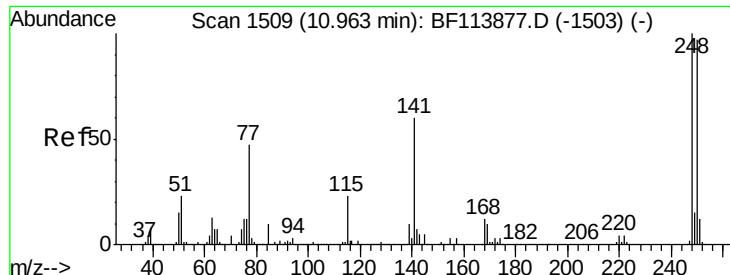
Tot Ion:198 Resp: 7700
Ion Ratio Lower Upper
198 100
51 36.4 11.1 51.1
105 70.0 20.7 60.7#



#66
n-Nitrosodiphenylamine
Concen: 44.810 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:169 Resp: 415810
Ion Ratio Lower Upper
169 100
168 66.9 54.3 81.5
167 36.3 29.4 44.0

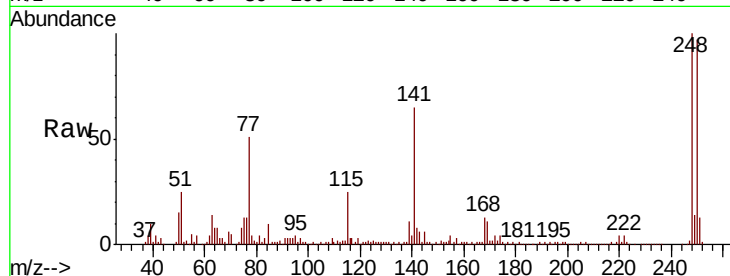




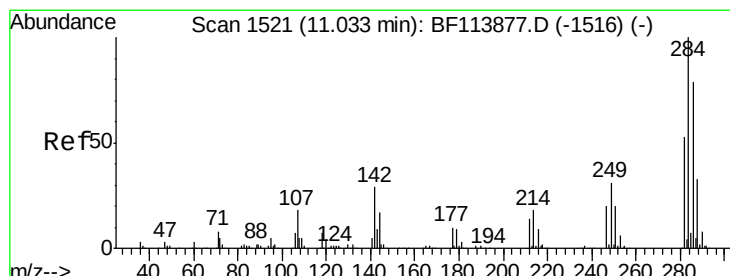
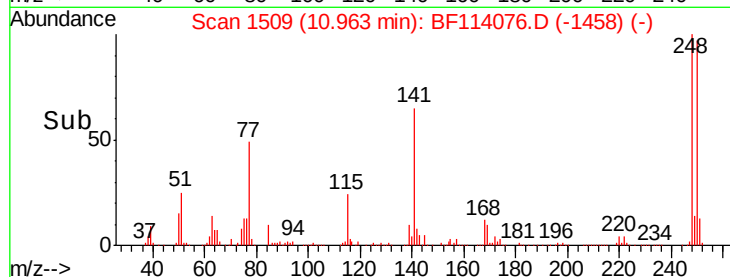
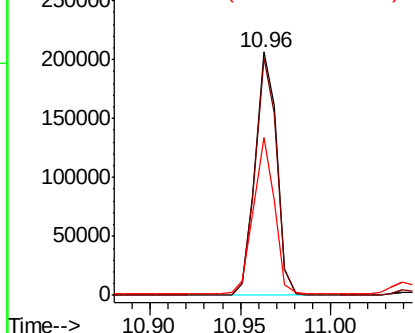
#67
4-Bromophenyl-phenylether
Concen: 46.231 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

Tot Ion:248 Resp: 172718
Ion Ratio Lower Upper
248 100
250 97.4 75.8 113.6
141 65.1 50.2 75.4

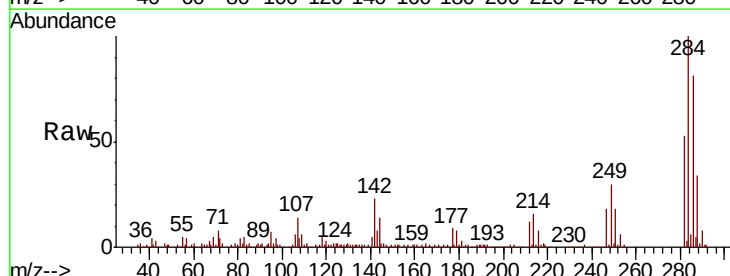


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

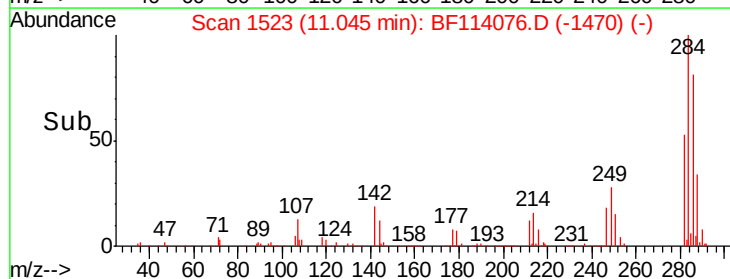
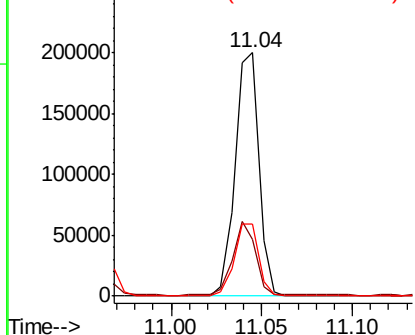


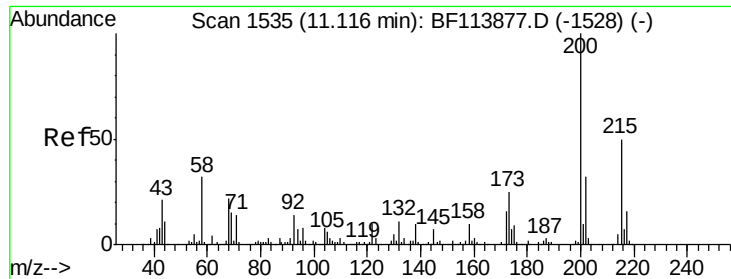
#68
Hexachlorobenzene
Concen: 44.721 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:284 Resp: 183600
Ion Ratio Lower Upper
284 100
142 23.4 23.0 34.4
249 29.6 24.4 36.6



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: 48.546 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

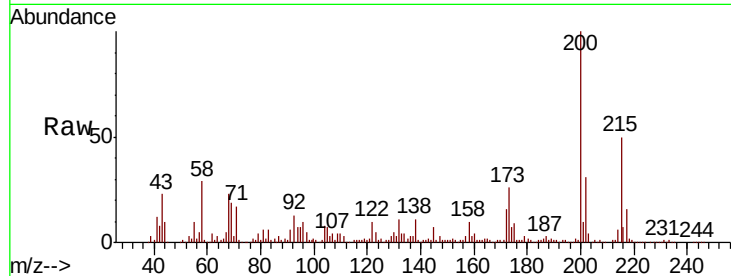
Tot Ion:200 Resp: 146542

Ion Ratio Lower Upper

200 100

173 26.2 5.9 45.9

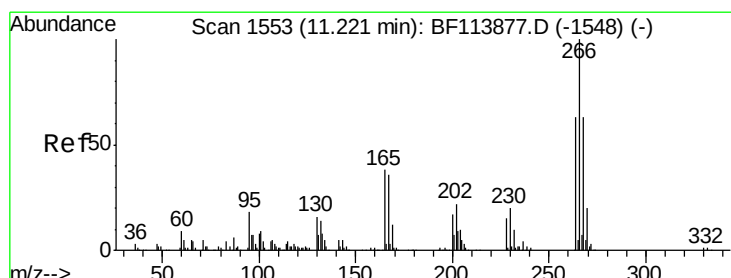
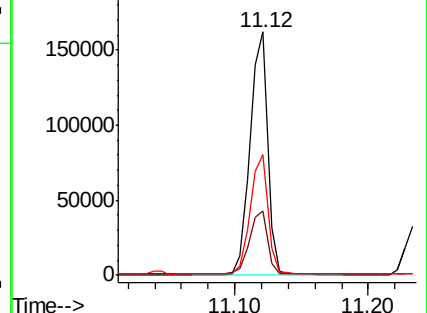
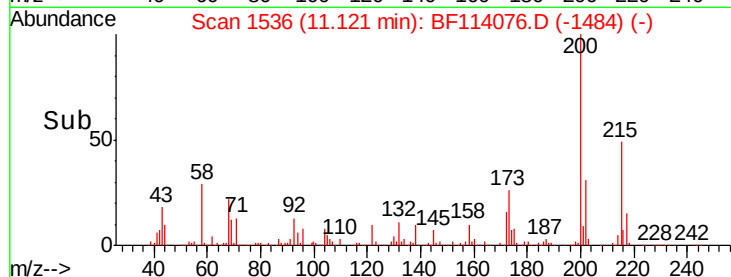
215 49.6 29.3 69.3



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: 78.084 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

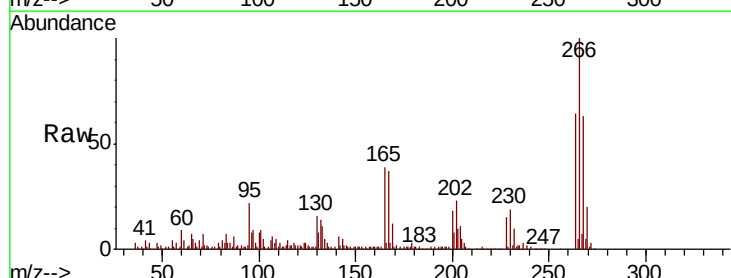
Tgt Ion:266 Resp: 181503

Ion Ratio Lower Upper

266 100

268 63.4 53.5 80.3

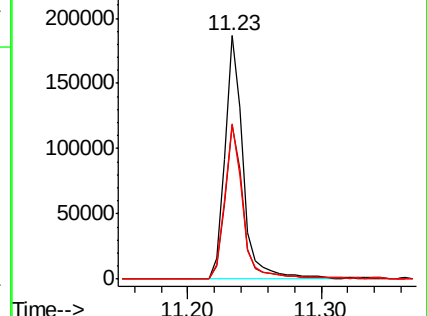
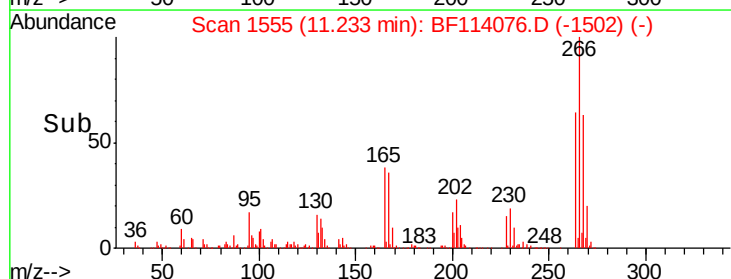
264 64.0 51.0 76.6

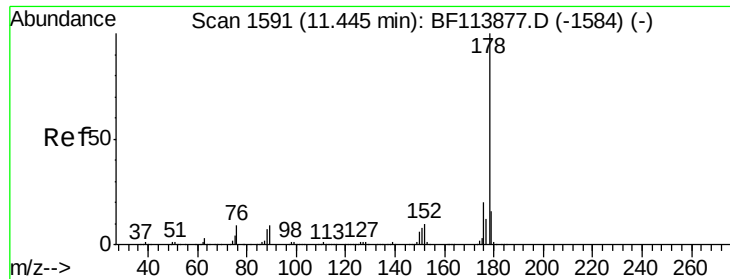


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

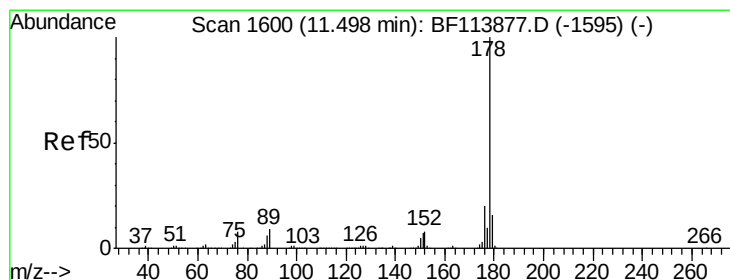
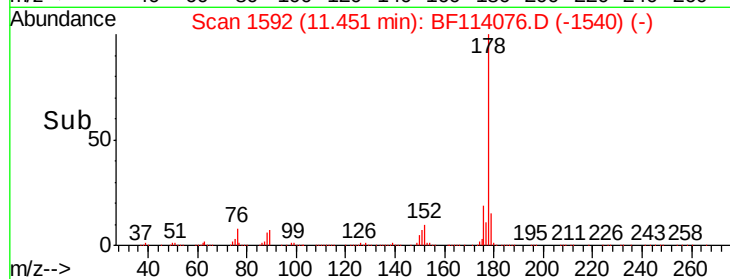
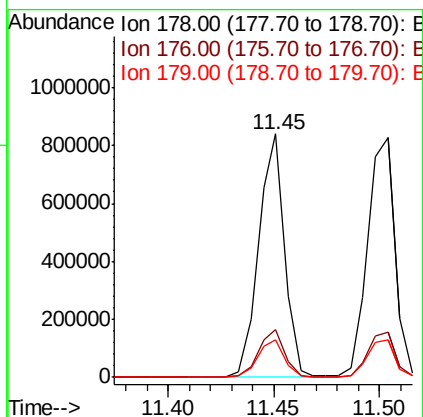
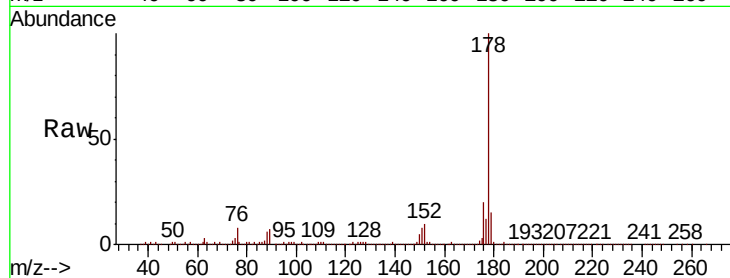




#71
Phenanthrene
Concen: 46.028 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

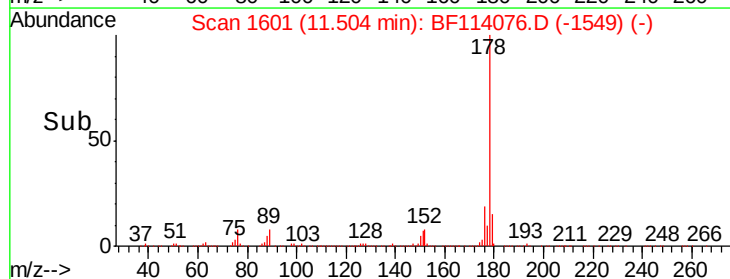
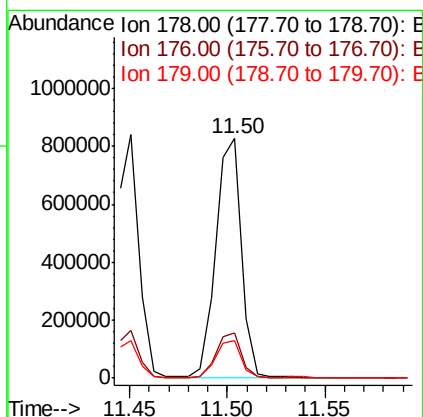
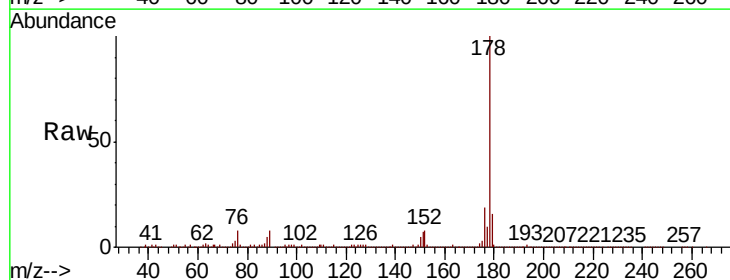
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

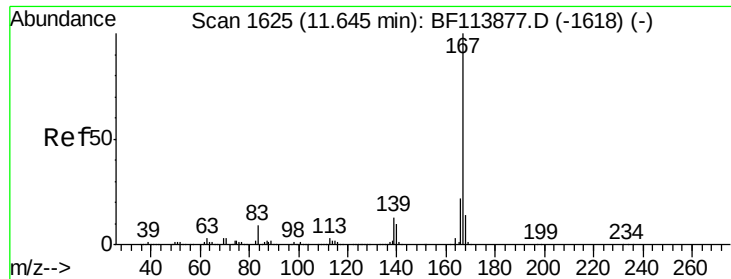
Tot Ion:178 Resp: 715369
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 15.3 12.8 19.2



#72
Anthracene
Concen: 47.612 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:178 Resp: 747273
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.5 13.0 19.4

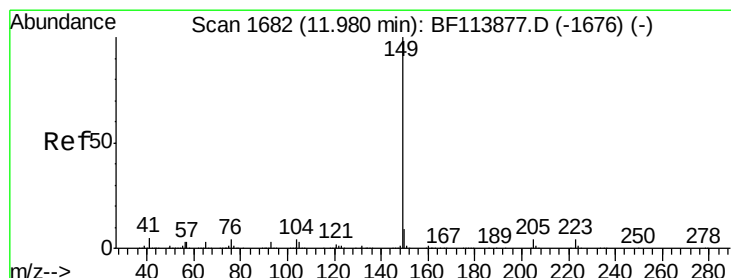
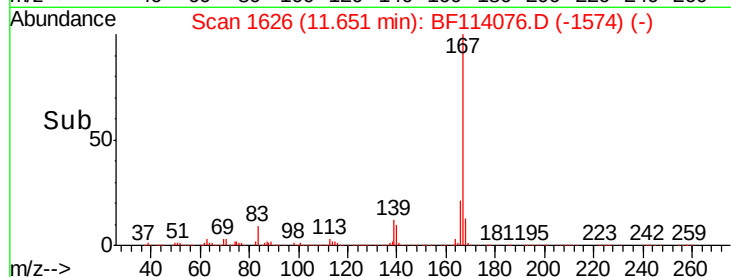
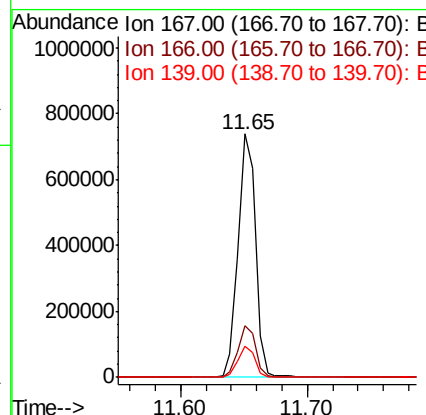
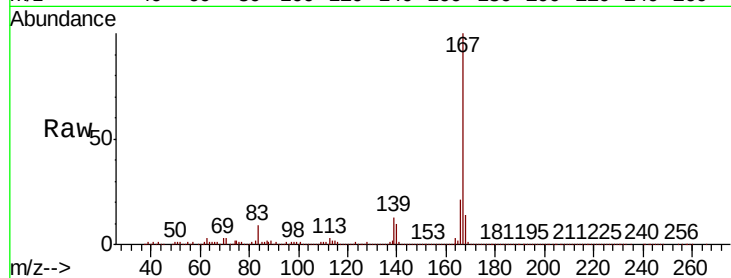




#73
 Carbazole
 Concen: 49.479 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

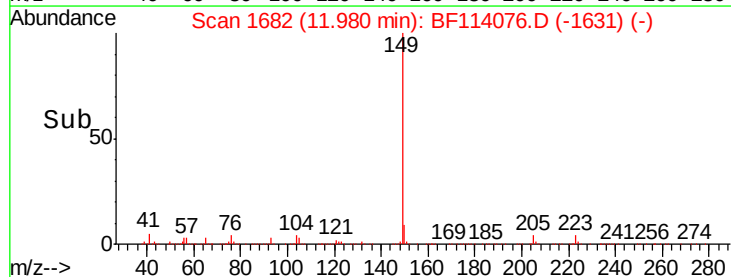
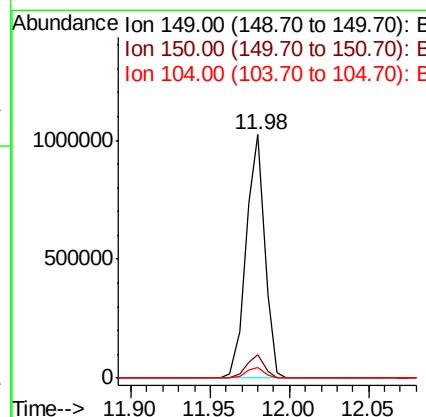
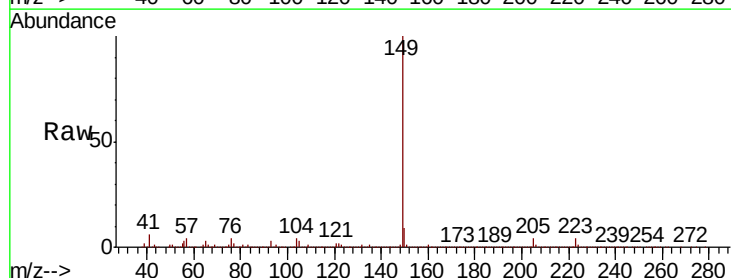
Instrument :
 BNA_F
 ClientSampleId :
 P-66-TPMSDRE

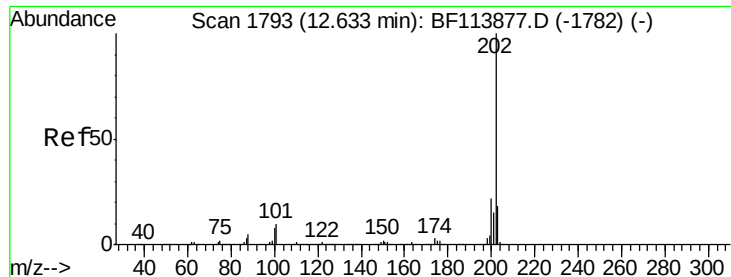
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.7	26.5
139	12.6	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 50.210 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.5	3.8	5.8

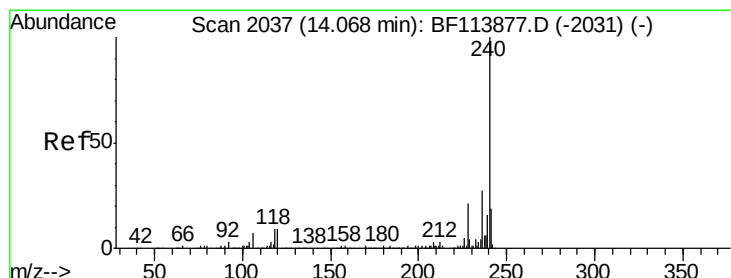
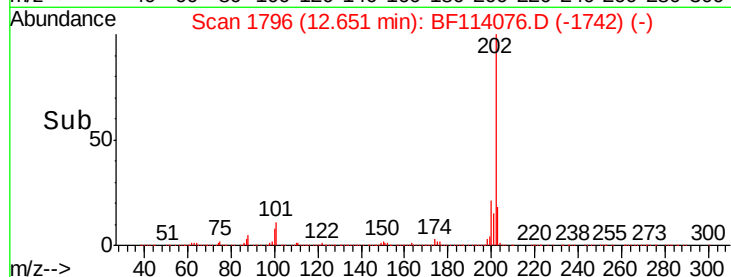
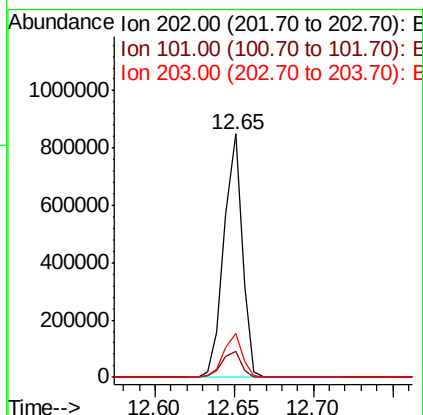
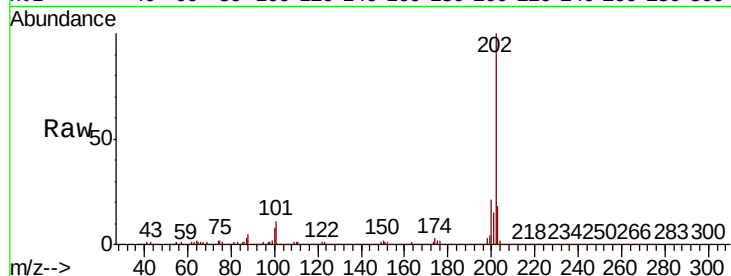




#75
Fluoranthene
Concen: 40.262 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.02 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

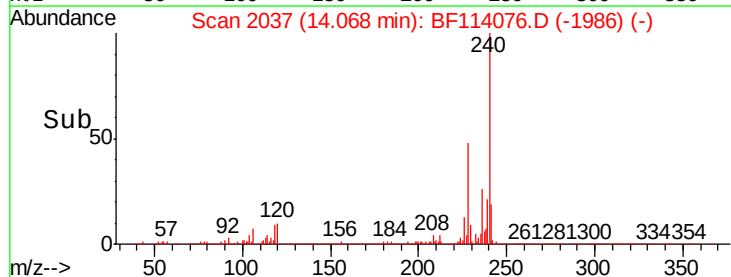
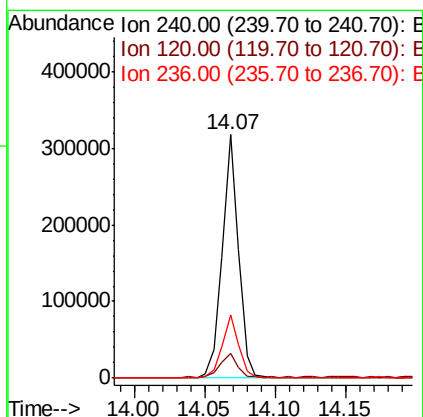
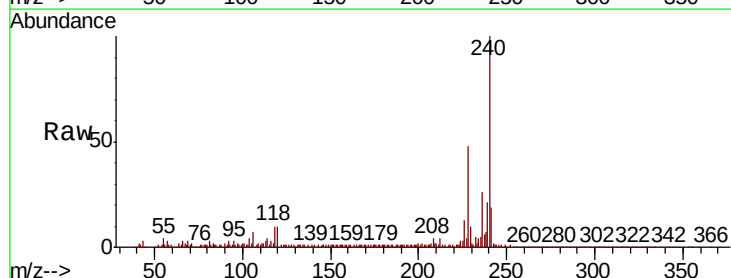
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

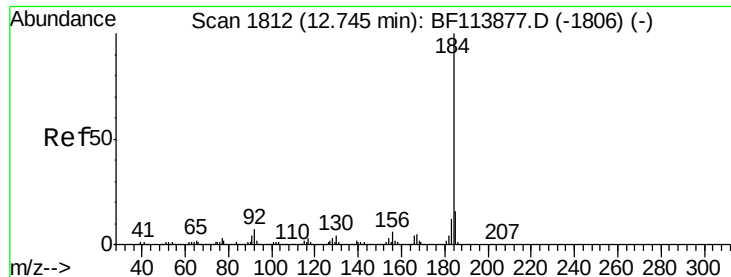
Tot Ion:202 Resp: 682712
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.9
203 17.8 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:240 Resp: 254394
Ion Ratio Lower Upper
240 100
120 10.1 9.3 13.9
236 25.9 21.2 31.8





#77

Benzidine

Concen: 8.778 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

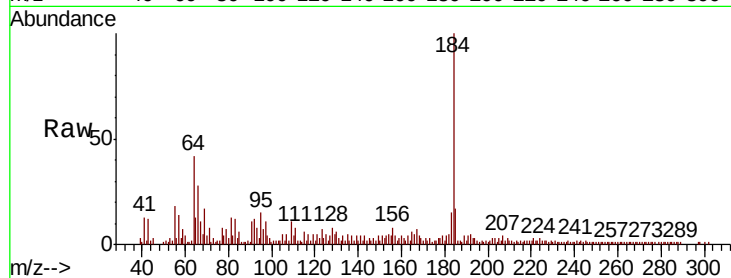
Tot Ion:184 Resp: 66538

Ion Ratio Lower Upper

184 100

185 16.6 13.0 19.6

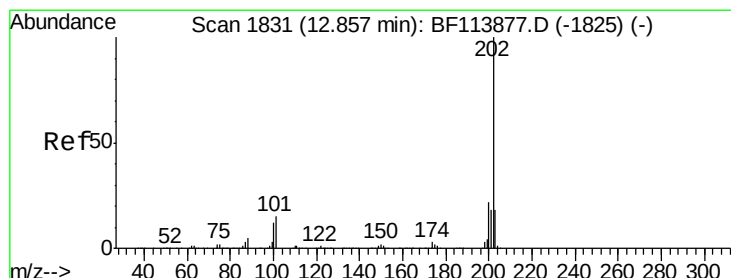
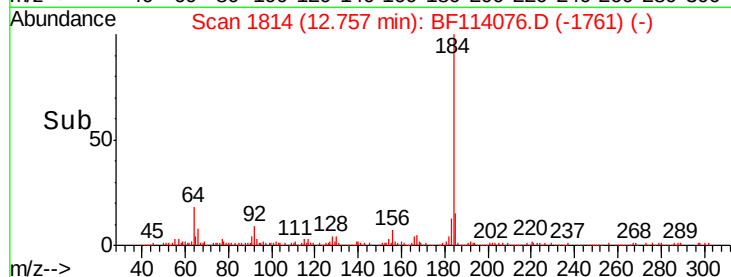
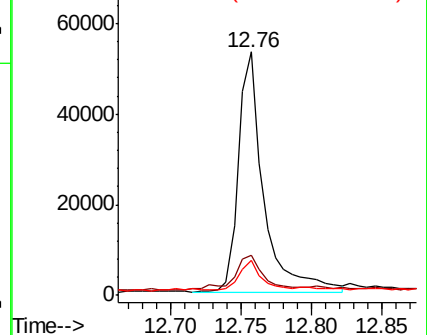
183 14.6 9.4 14.0#



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: 39.065 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

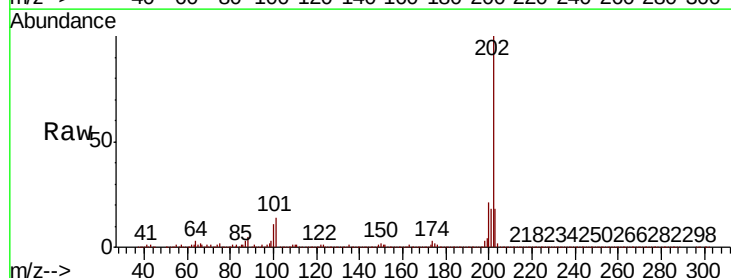
Tgt Ion:202 Resp: 694977

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

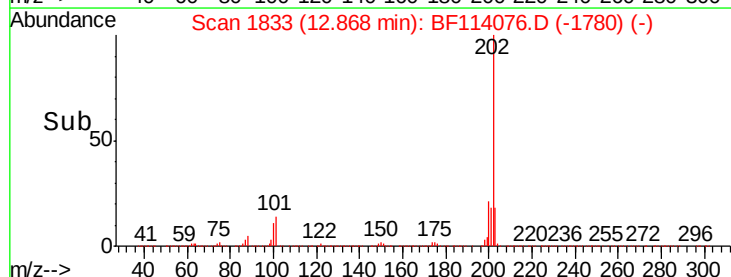
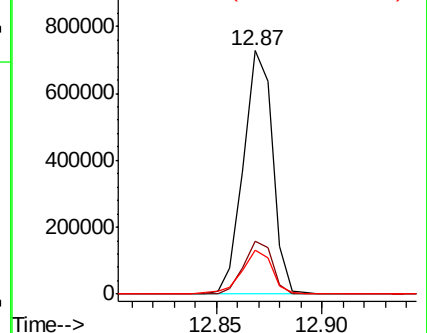
203 18.0 15.0 22.6

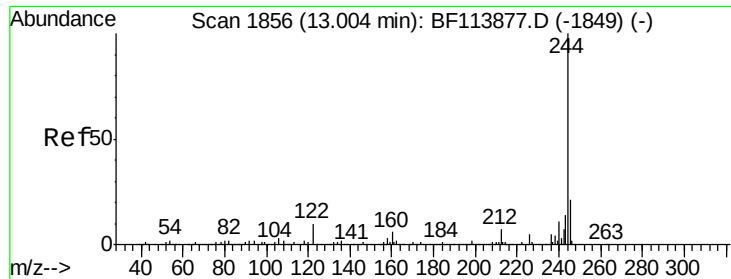


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.719 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

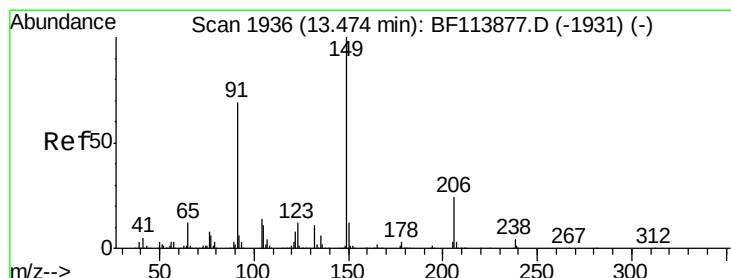
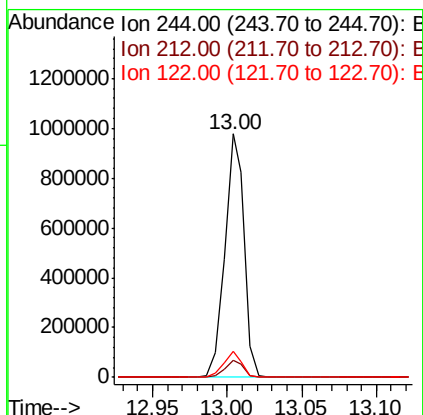
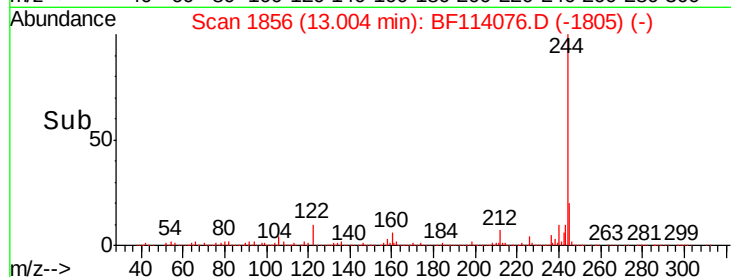
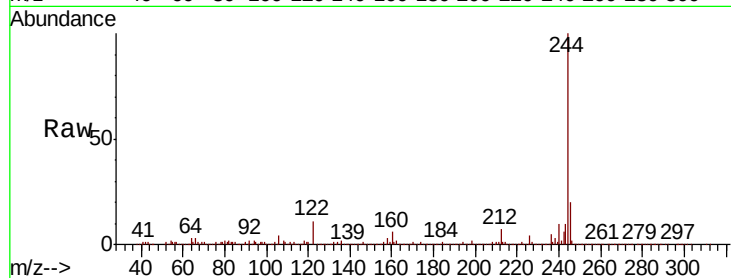
Tot Ion:244 Resp: 889941

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.5 7.6 11.4



#80

Butylbenzylphthalate

Concen: 45.938 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

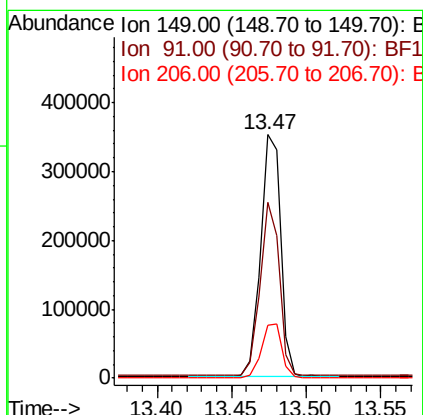
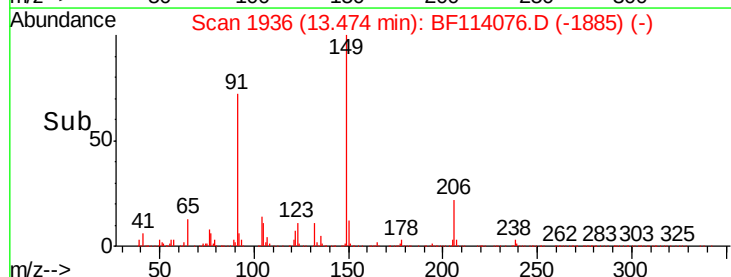
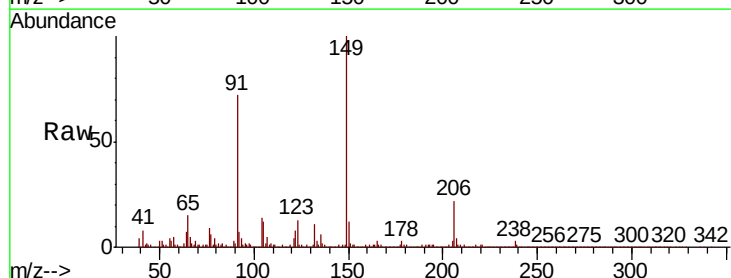
Tgt Ion:149 Resp: 321543

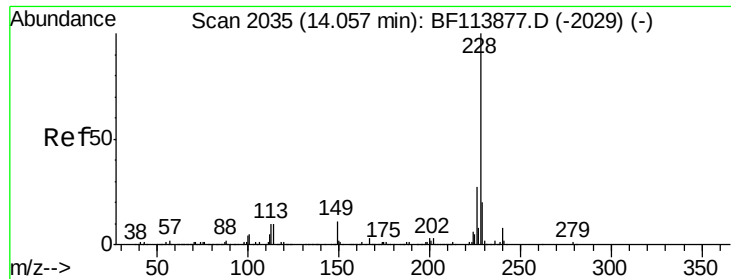
Ion Ratio Lower Upper

149 100

91 72.0 56.3 84.5

206 21.7 19.0 28.6

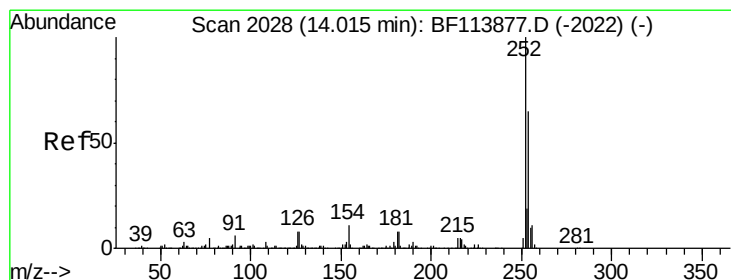
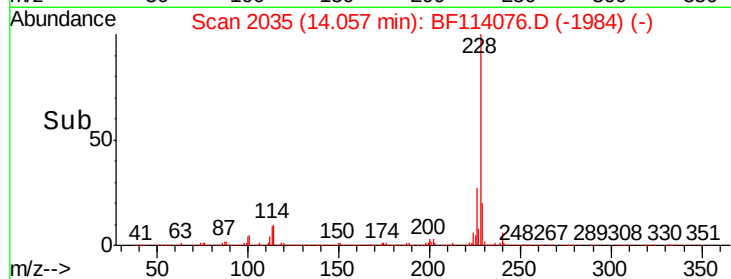
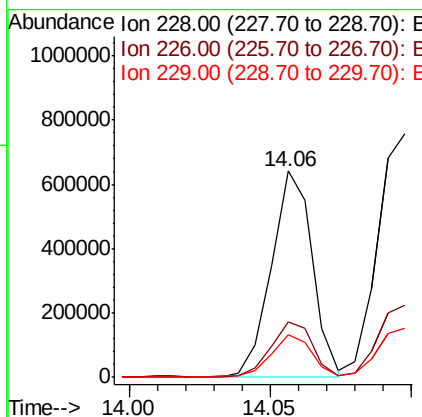
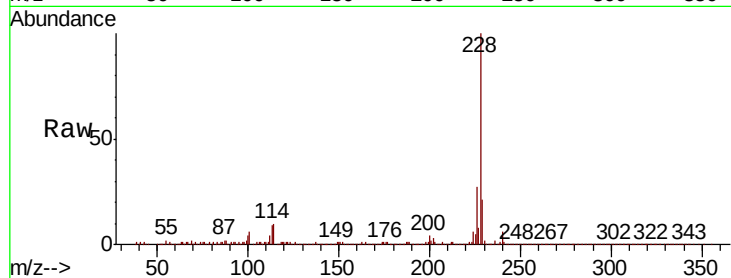




#81
Benzo(a)anthracene
Concen: 42.798 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

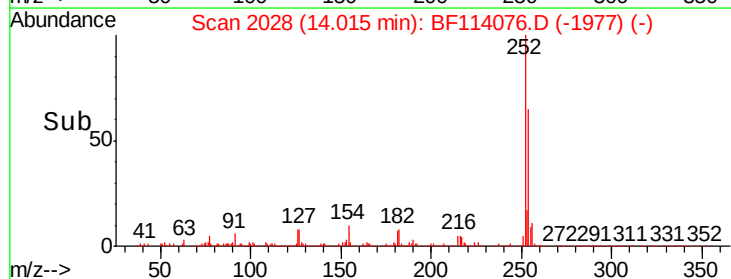
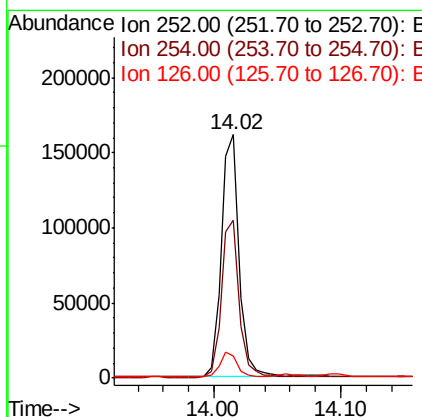
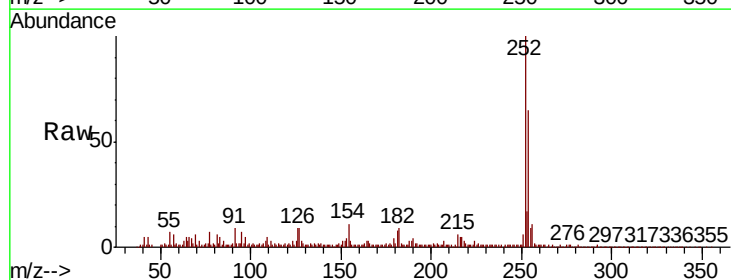
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

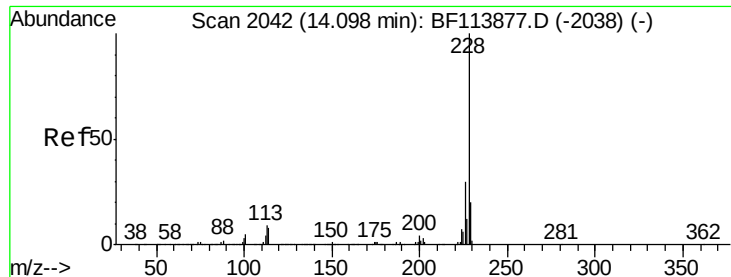
Tot Ion:228 Resp: 641477
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 20.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 29.044 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:252 Resp: 159558
Ion Ratio Lower Upper
252 100
254 64.8 52.1 78.1
126 8.9 9.3 13.9#

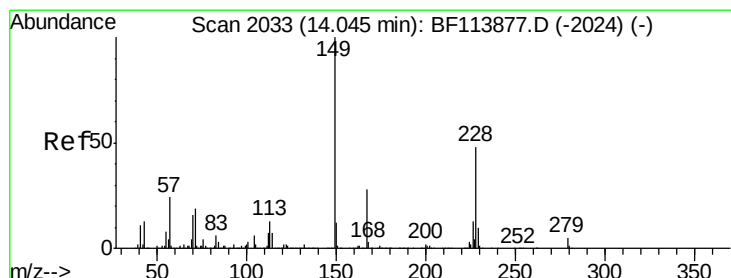
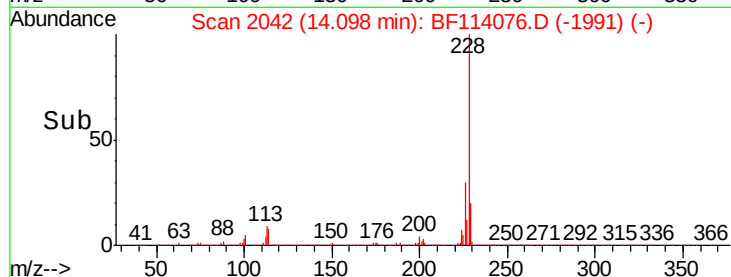
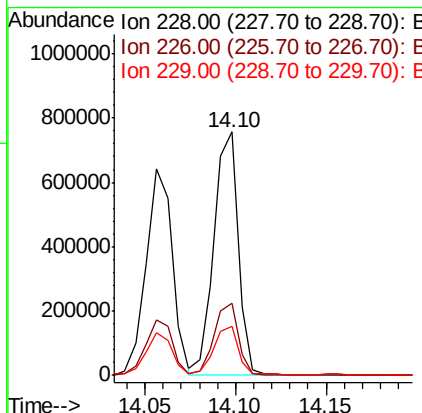
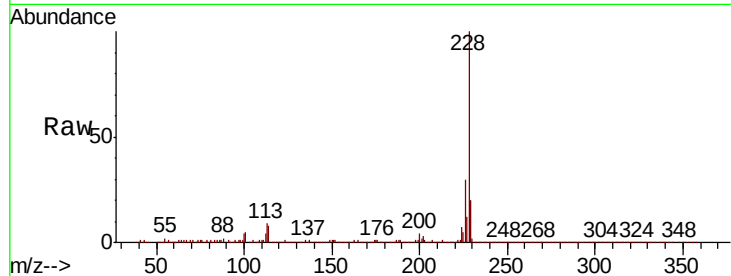




#83
Chrysene
Concen: 48.136 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

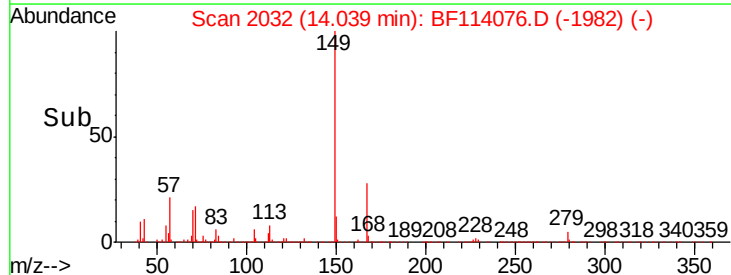
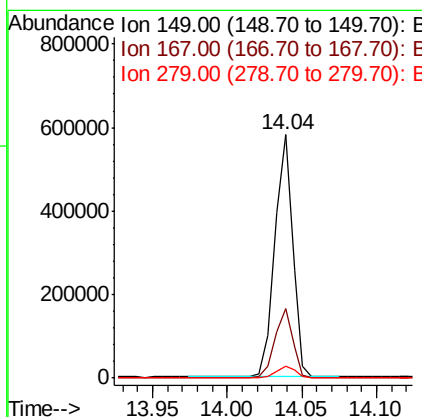
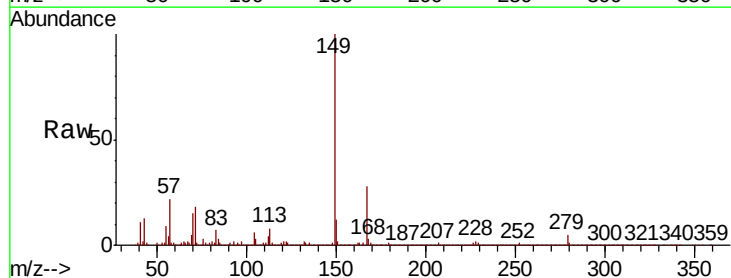
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

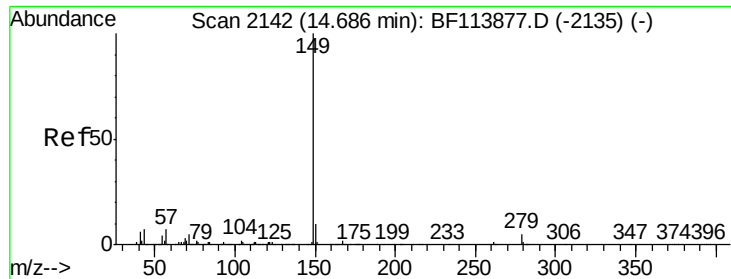
Tot Ion:228 Resp: 702662
Ion Ratio Lower Upper
228 100
226 29.8 25.2 37.8
229 20.0 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.461 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:149 Resp: 485009
Ion Ratio Lower Upper
149 100
167 28.3 22.9 34.3
279 4.9 4.2 6.2

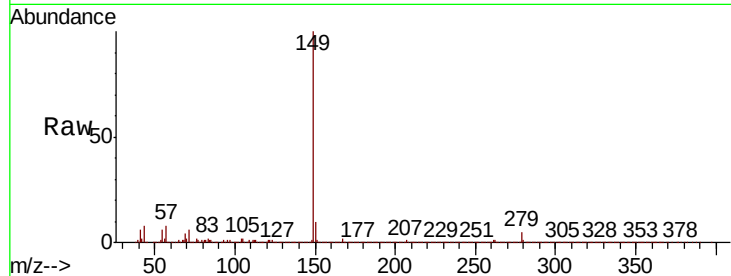




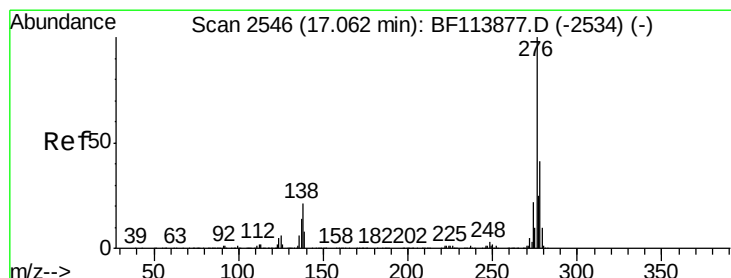
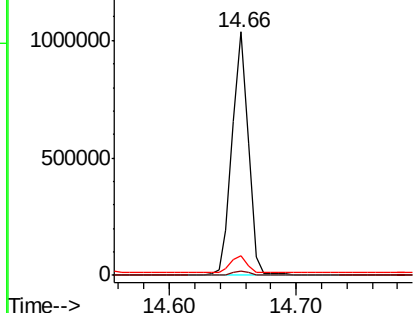
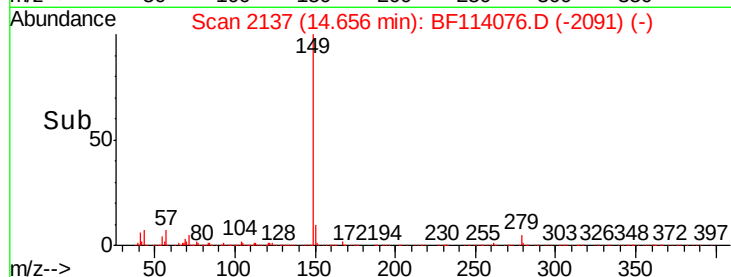
#85
Di-n-octyl phthalate
Concen: 64.297 ng
RT: 14.66 min Scan# 2137
Delta R.T. -0.03 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.6	10.0

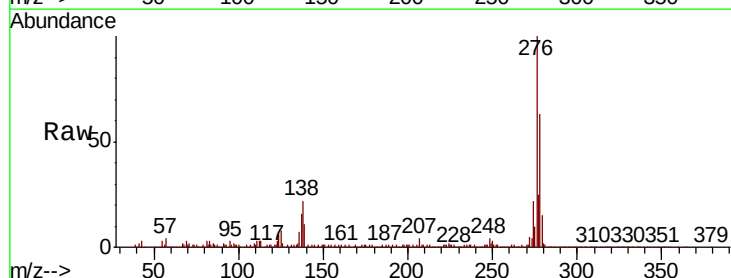


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

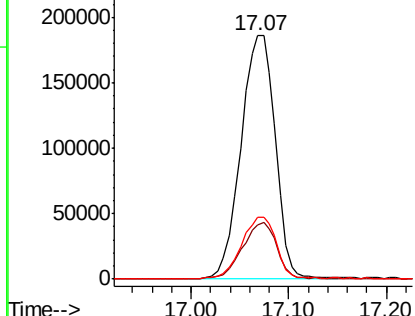
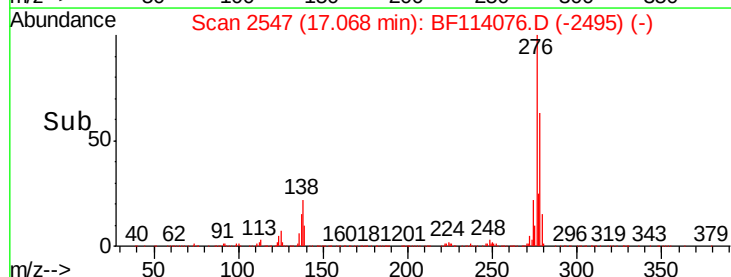


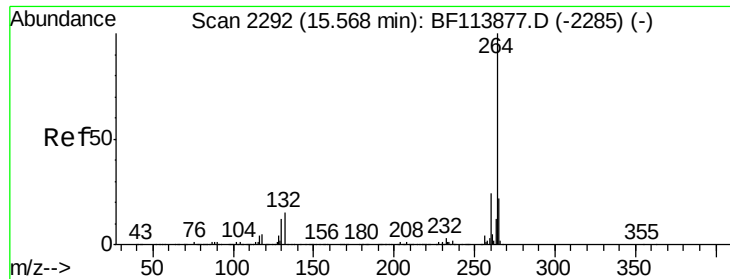
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.841 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.6	29.4
277	25.3	20.2	30.4



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

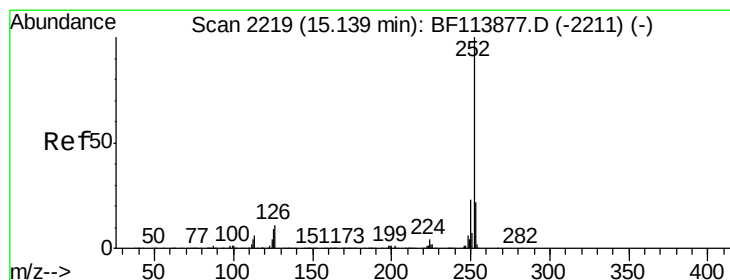
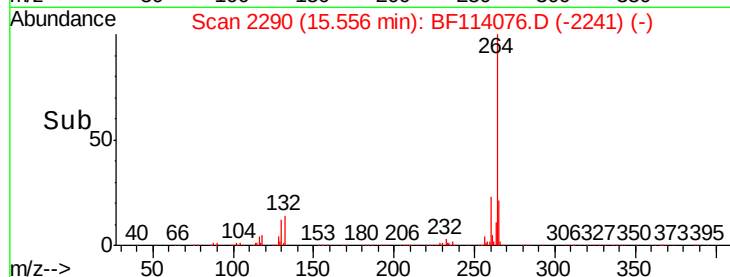
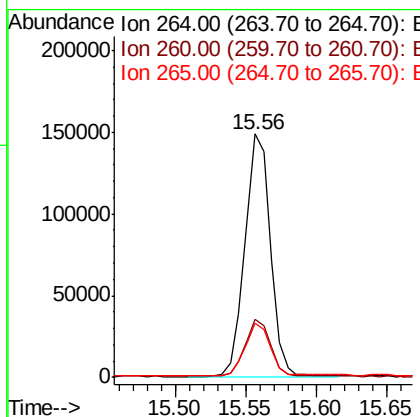
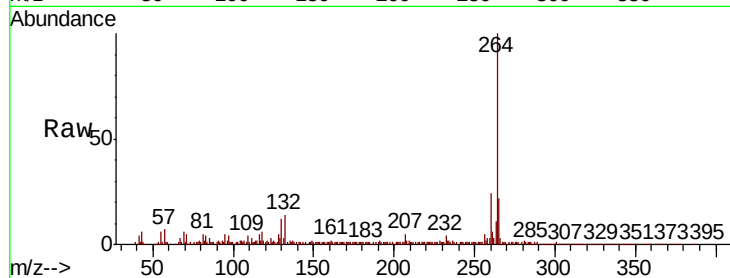




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

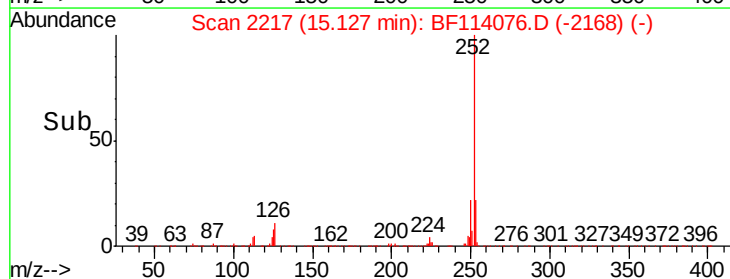
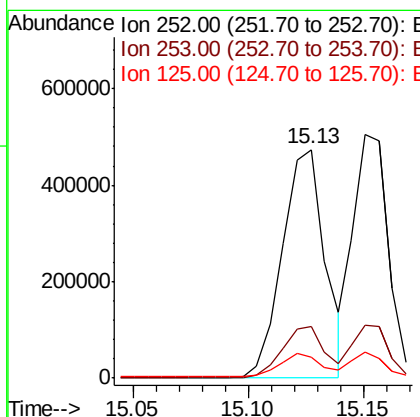
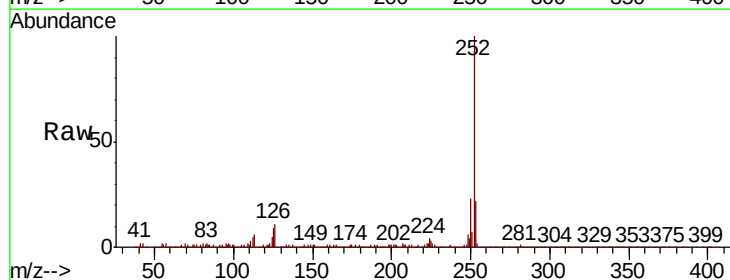
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

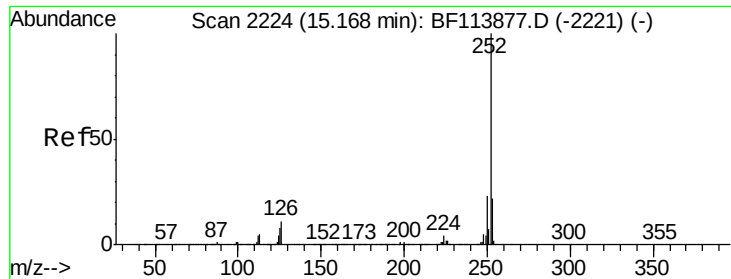
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 50.912 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.0	7.0	10.6

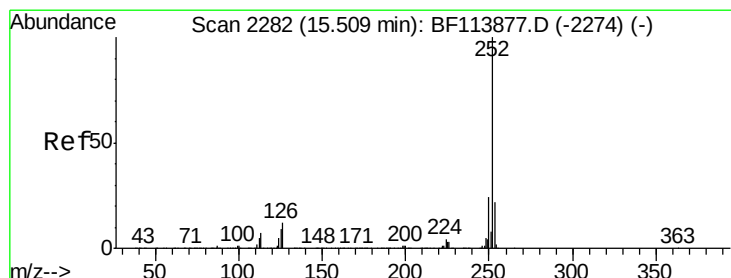
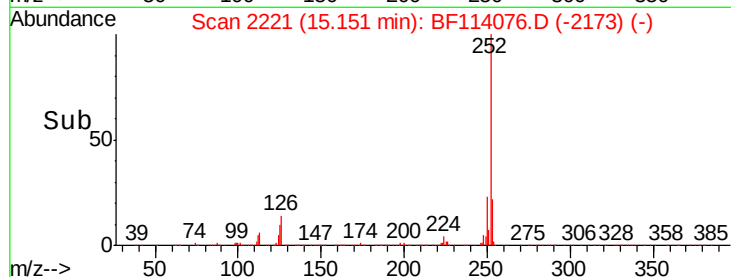
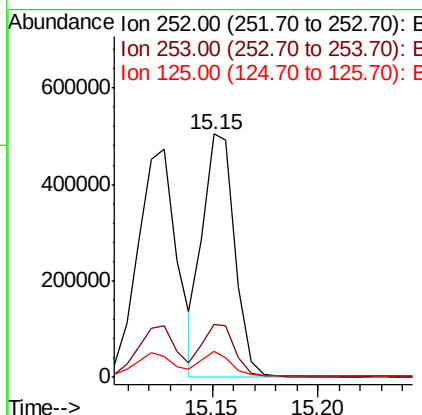
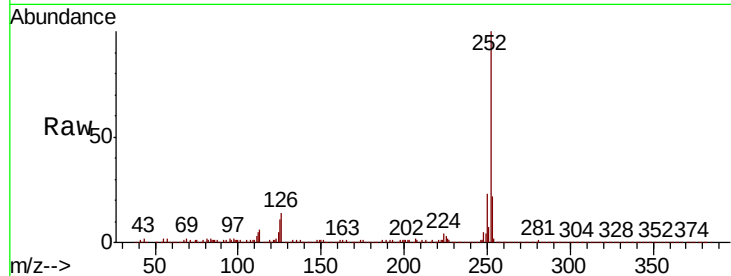




#89
Benzo(k)fluoranthene
Concen: 51.827 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

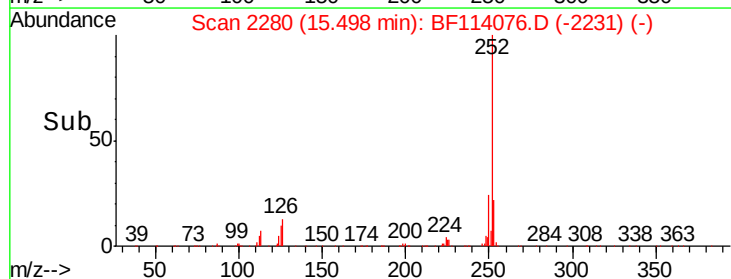
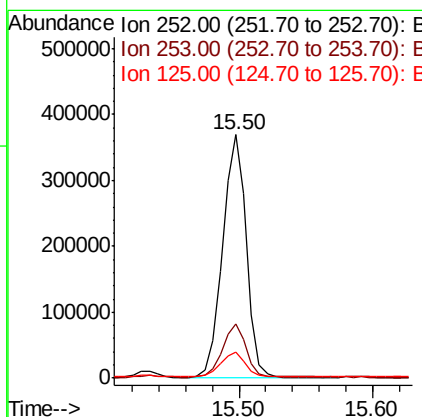
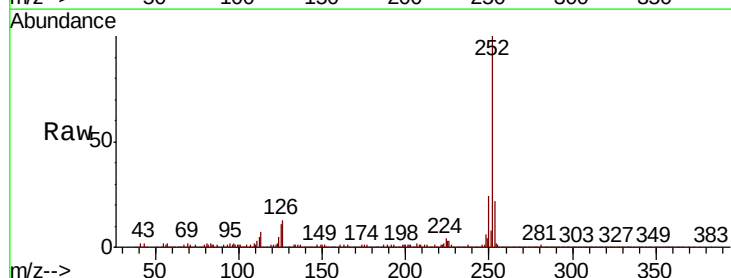
Instrument :
BNA_F
ClientSampleId :
P-66-TPMSDRE

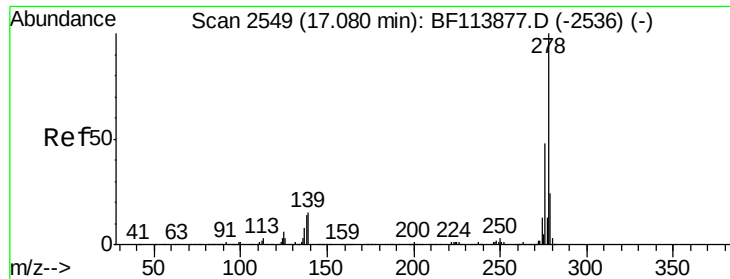
Tot Ion:252 Resp: 530685
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.741 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:252 Resp: 460672
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.5 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 41.053 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

P-66-TPMSDRE

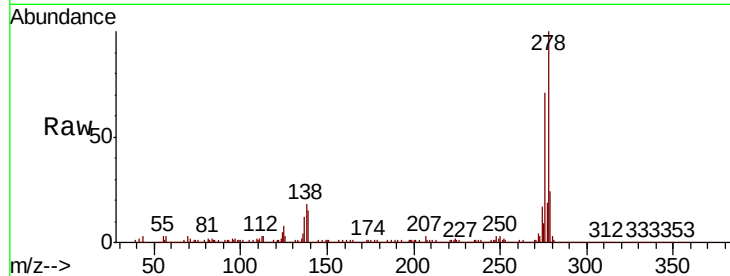
Tot Ion:278 Resp: 396792

Ion Ratio Lower Upper

278 100

139 14.9 11.6 17.4

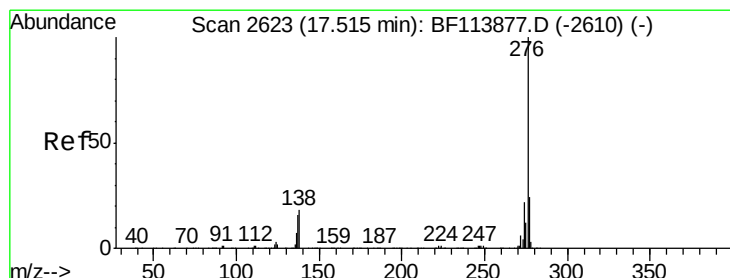
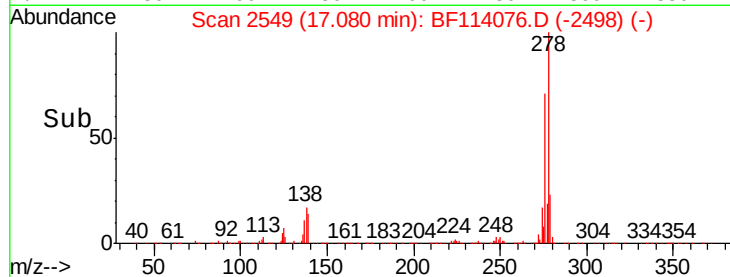
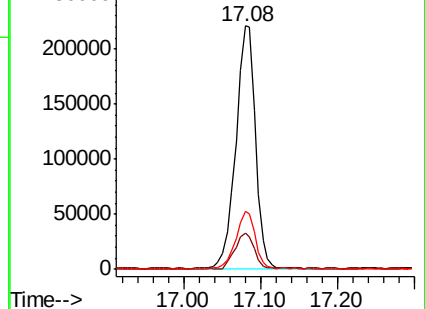
279 23.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.917 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

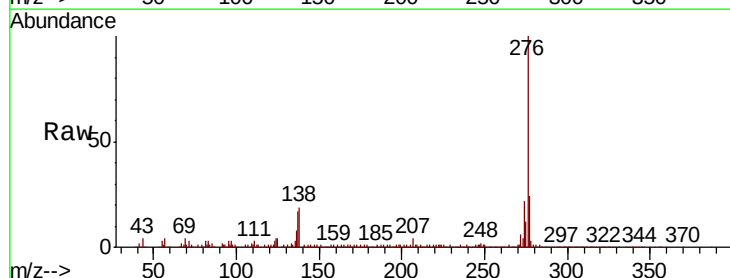
Tgt Ion:276 Resp: 369845

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 19.4 16.6 25.0



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

