

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113995.D
 Acq On : 25 Apr 2019 23:05
 Operator : JU/SJ
 Sample : K2522-07MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 04:02:38 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	111950	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	434605	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	235217	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	502702	20.00	ng	0.00
76) Chrysene-d12	14.06	240	433812	20.00	ng	0.00
87) Perylene-d12	15.54	264	418516	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	689022	105.27	ng	0.00
7) Phenol-d6	6.53	99	907752	110.54	ng	0.00
23) Nitrobenzene-d5	7.46	82	544889	77.41	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	340929	118.98	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1094549	72.78	ng	0.00
79) Terphenyl-d14	13.00	244	1497903	70.79	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	90953	29.478	ng	97
3) Pyridine	3.45	79	245755	29.180	ng	97
4) n-Nitrosodimethylamine	3.39	42	93958	32.591	ng	100
6) Aniline	6.56	93	282179	25.024	ng	100
8) 2-Chlorophenol	6.69	128	265373	35.511	ng	94
9) Benzaldehyde	6.44	77	67312	9.875	ng	97
10) Phenol	6.54	94	347917	35.431	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	263092	35.604	ng	96
12) 1,3-Dichlorobenzene	6.84	146	295693	34.937	ng	98
13) 1,4-Dichlorobenzene	6.92	146	300875	35.344	ng	99
14) 1,2-Dichlorobenzene	7.07	146	285566	36.501	ng	99
15) Benzyl Alcohol	7.03	79	224244	40.545	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	294037	34.087	ng	93
17) 2-Methylphenol	7.15	107	237685	36.285	ng	98
18) Hexachloroethane	7.41	117	102686	34.411	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	187365	35.232	ng	97
20) 3+4-Methylphenols	7.30	107	285722	38.607	ng	# 74
22) Acetophenone	7.30	105	379298	39.219	ng	# 97
24) Nitrobenzene	7.47	77	292668	37.630	ng	98
25) Isophorone	7.72	82	523093	36.319	ng	99
26) 2-Nitrophenol	7.79	139	145451	40.993	ng	99
27) 2,4-Dimethylphenol	7.83	122	231754	40.089	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	331985	36.173	ng	99
29) 2,4-Dichlorophenol	8.03	162	252165	38.145	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	272203	36.929	ng	99
31) Naphthalene	8.20	128	790612	38.293	ng	99
32) Benzoic acid	7.92	122	55484	14.212	ng	98
33) 4-Chloroaniline	8.24	127	178703	20.456	ng	98
34) Hexachlorobutadiene	8.32	225	161304	35.104	ng	99
35) Caprolactam	8.60	113	60141	28.599	ng	87
36) 4-Chloro-3-methylphenol	8.73	107	254998	38.935	ng	98
37) 2-Methylnaphthalene	8.89	142	545739	39.198	ng	100
38) 1-Methylnaphthalene	8.99	142	511008	38.028	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	278280	36.421	ng	99

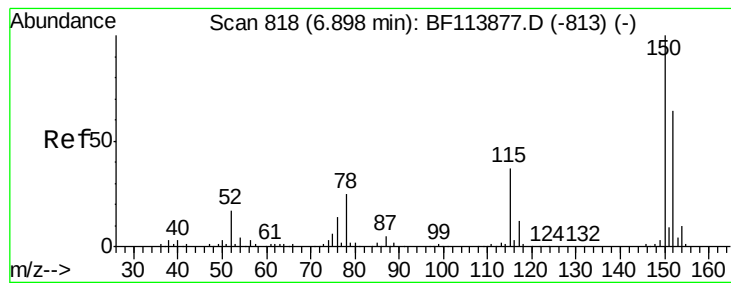
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	261422	61.356	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	191566	39.484	ng	97
44) 2,4,5-Trichlorophenol	9.21	196	211630	38.889	ng	98
46) 1,1'-Biphenyl	9.36	154	680868	37.892	ng	98
47) 2-Chloronaphthalene	9.38	162	549451	37.601	ng	99
48) 2-Nitroaniline	9.47	65	157242	41.048	ng	94
49) Acenaphthylene	9.80	152	856088	37.422	ng	97
50) Dimethylphthalate	9.65	163	870000	51.142	ng	100
51) 2,6-Dinitrotoluene	9.71	165	151661	41.556	ng	95
52) Acenaphthene	9.97	154	553858	40.967	ng	97
53) 3-Nitroaniline	9.88	138	113211	29.520	ng	# 89
54) 2,4-Dinitrophenol	9.99	184	120774	76.853	ng	# 4
55) Dibenzofuran	10.14	168	782763	38.653	ng	99
56) 4-Nitrophenol	10.04	139	256231	84.384	ng	94
57) 2,4-Dinitrotoluene	10.12	165	208138	45.183	ng	95
58) Fluorene	10.48	166	603575	39.587	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	193528	40.467	ng	99
60) Diethylphthalate	10.35	149	645795	39.977	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	312106	38.653	ng	97
62) 4-Nitroaniline	10.49	138	160003	42.753	ng	99
63) Azobenzene	10.63	77	589212	37.634	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	89185	40.122	ng	92
66) n-Nitrosodiphenylamine	10.59	169	558549	37.030	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	209002	34.416	ng	95
68) Hexachlorobenzene	11.03	284	230147	34.487	ng	100
69) Atrazine	11.12	200	197246	40.199	ng	98
70) Pentachlorophenol	11.23	266	271678	71.903	ng	97
71) Phenanthrene	11.45	178	976840	38.666	ng	99
72) Anthracene	11.49	178	985270	38.620	ng	98
73) Carbazole	11.65	167	905373	39.778	ng	99
74) Di-n-butylphthalate	11.97	149	1041529	38.901	ng	99
75) Fluoranthene	12.63	202	1105047	40.091	ng	97
77) Benzidine	12.75	184	336991	26.071	ng	97
78) Pyrene	12.86	202	1123665	37.039	ng	98
80) Butylbenzylphthalate	13.47	149	472020	39.546	ng	96
81) Benzo(a)anthracene	14.05	228	1020675	39.933	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	303678	32.416	ng	98
83) Chrysene	14.09	228	1005014	40.374	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	659584	43.432	ng	99
85) Di-n-octyl phthalate	14.66	149	1130303	47.551	ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	939186	39.832	ng	98
88) Benzo(b)fluoranthene	15.12	252	1002535	37.861	ng	99
89) Benzo(k)fluoranthene	15.14	252	931014	40.876	ng	99
90) Benzo(a)pyrene	15.49	252	900764	39.329	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	788856	36.691	ng	99
92) Benzo(g,h,i)perylene	17.49	276	775259	35.732	ng	98

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

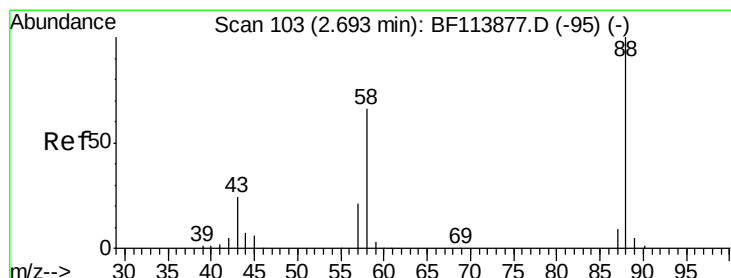
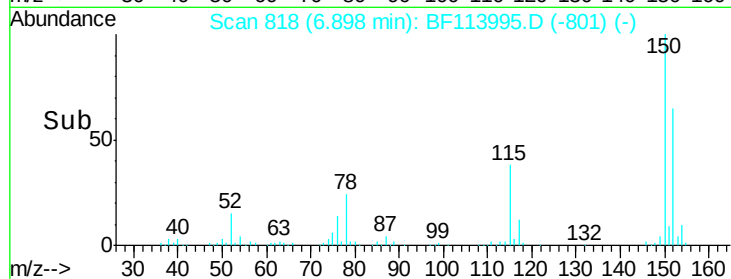
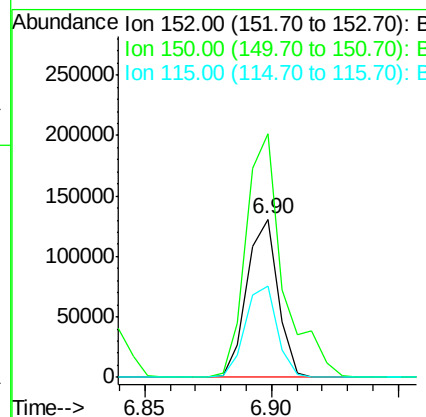
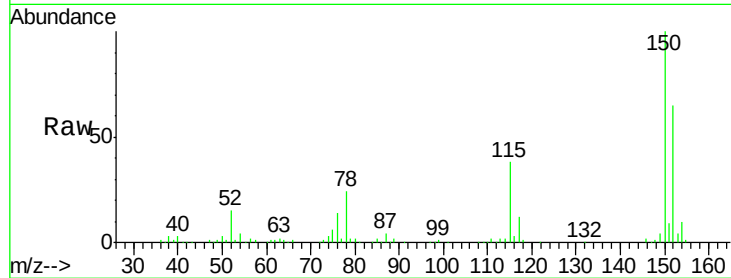


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Instrument :
BNA_F
ClientSampleId :

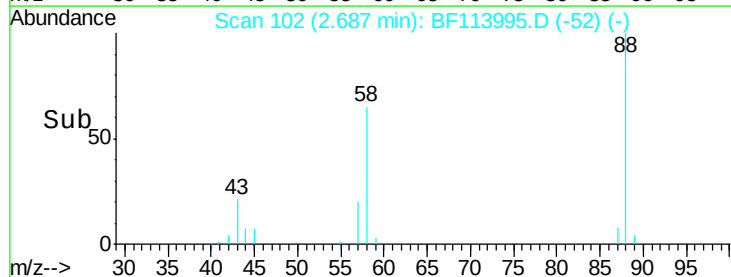
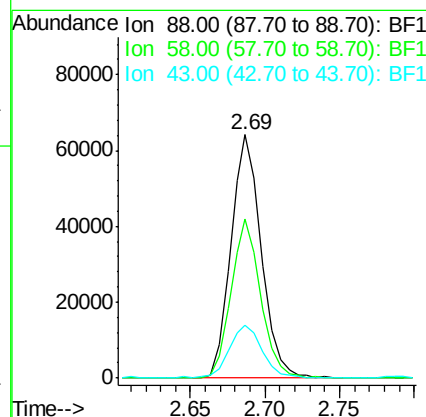
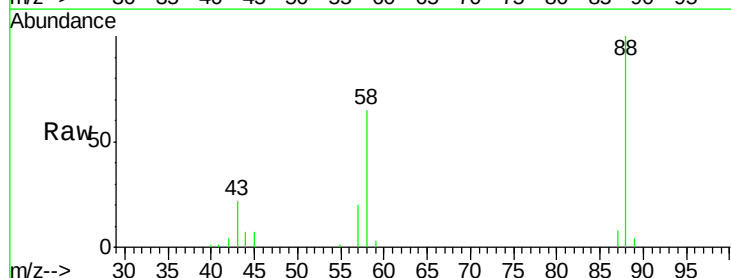
Tot Ion:152 Resp: 111950
Ion Ratio Lower Upper
152 100
150 154.0 125.9 188.9
115 58.1 45.9 68.9

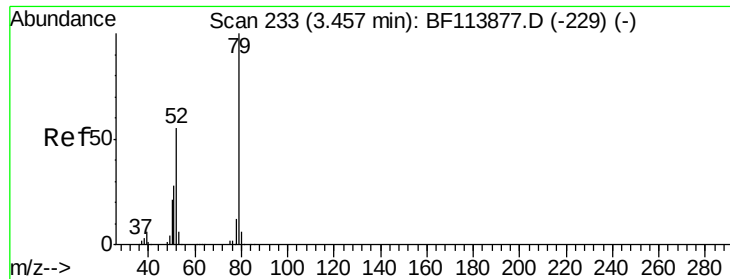


#2

1,4-Dioxane
Concen: 29.478 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.01 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion: 88 Resp: 90953
Ion Ratio Lower Upper
88 100
58 63.5 53.3 79.9
43 23.8 19.0 28.4





#3

Pvridine

Concen: 29.180 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

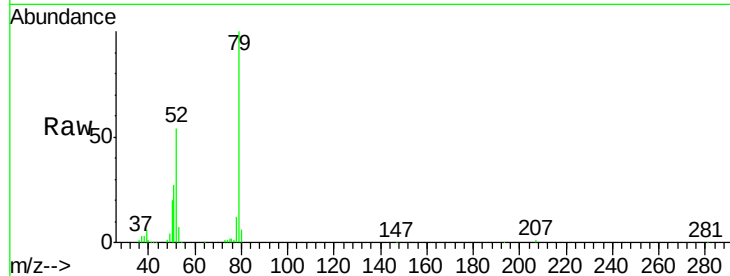
Tot Ion: 79 Resp: 245755

Ion Ratio Lower Upper

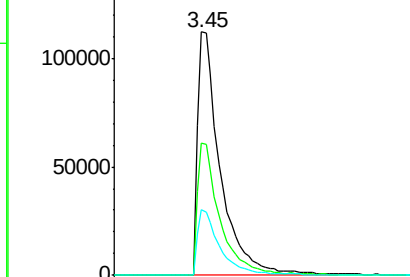
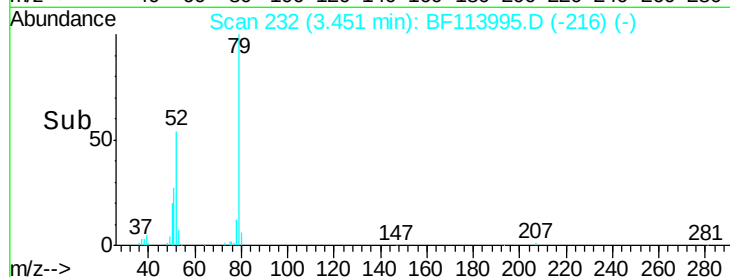
79 100

52 54.4 45.3 67.9

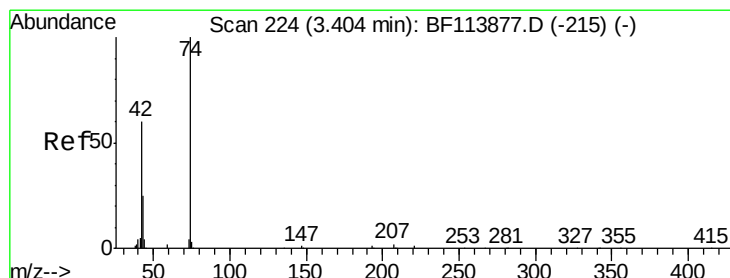
51 26.8 22.1 33.1



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



Time-->



#4

n-Nitrosodimethylamine

Concen: 32.591 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.02 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

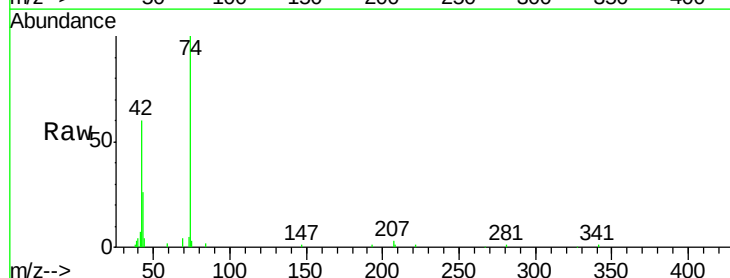
Tgt Ion: 42 Resp: 93958

Ion Ratio Lower Upper

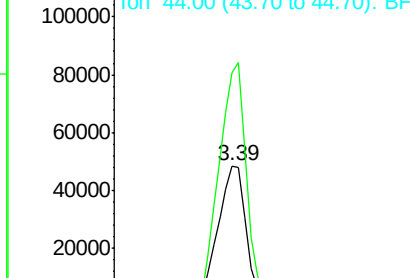
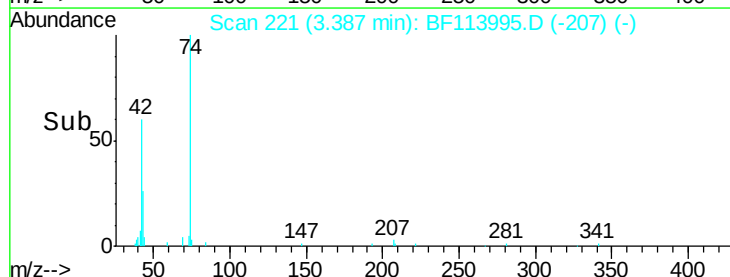
42 100

74 166.3 132.6 198.8

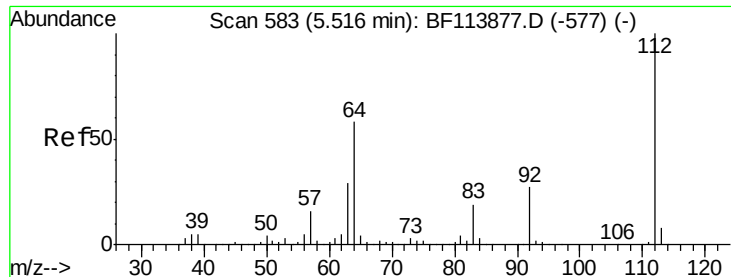
44 6.7 5.8 8.8



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



Time-->



#5

2-Fluorophenol

Concen: 105.268 ng

RT: 5.52 min Scan# 584

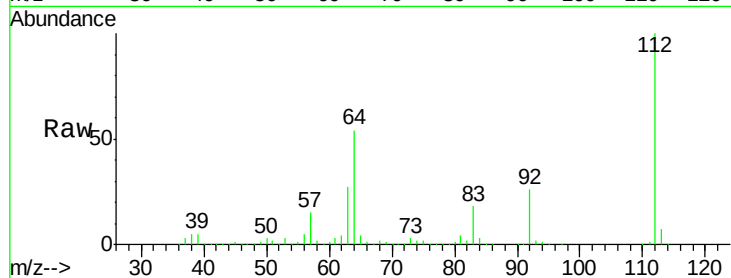
Delta R.T. 0.01 min

Lab File: BF113995.D

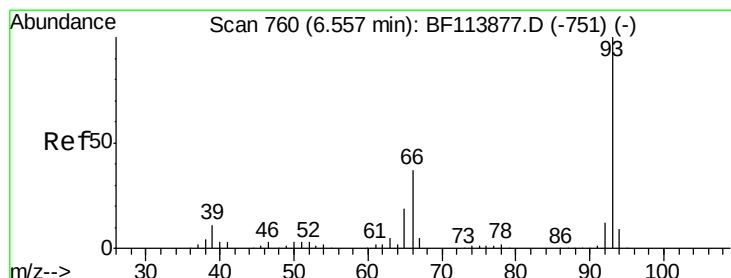
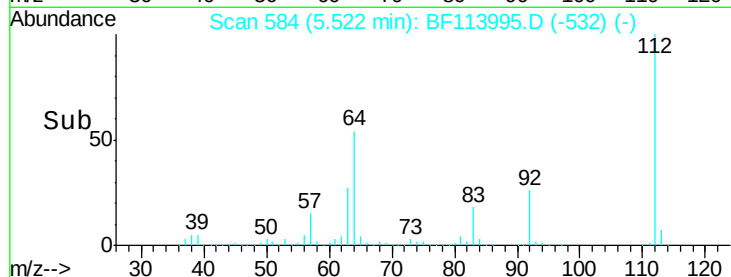
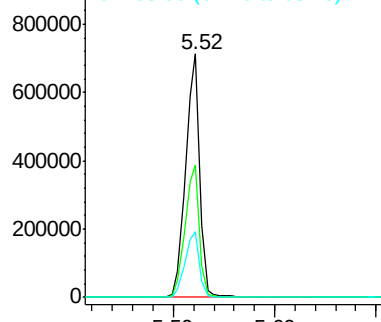
Acq: 25 Apr 2019 23:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	689022
Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.6	69.8
63	27.1	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 25.024 ng

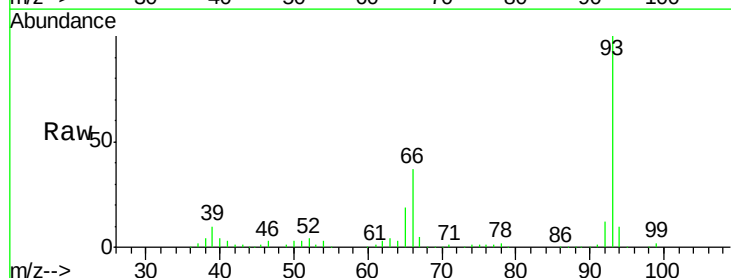
RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

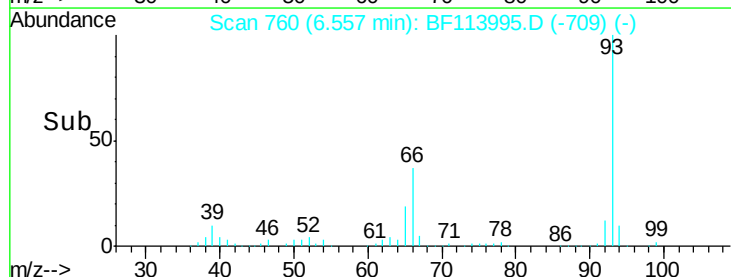
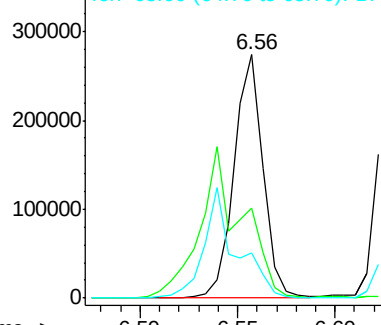
Lab File: BF113995.D

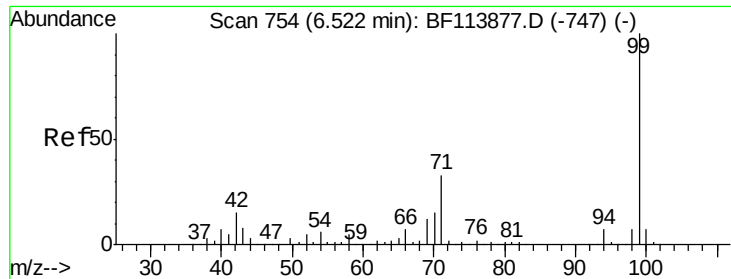
Acq: 25 Apr 2019 23:05

Tgt Ion:	93	Resp:	282179
Ion	Ratio	Lower	Upper
93	100		
66	37.2	29.8	44.6
65	18.7	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 110.540 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

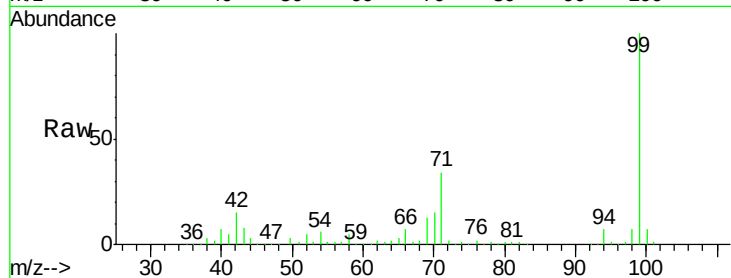
Tot Ion: 99 Resp: 907752

Ion Ratio Lower Upper

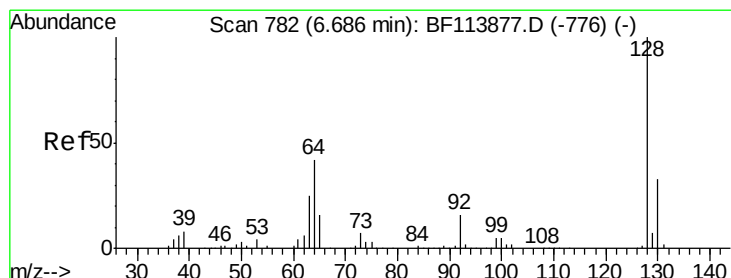
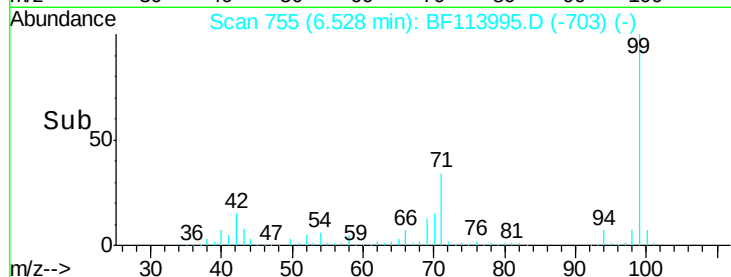
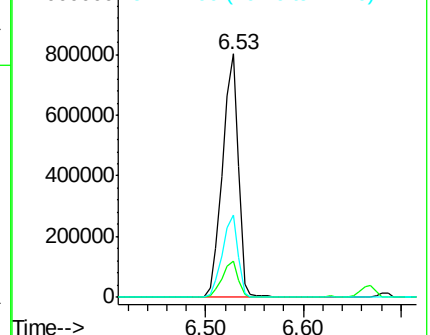
99 100

42 14.9 12.5 18.7

71 33.7 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: 35.511 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

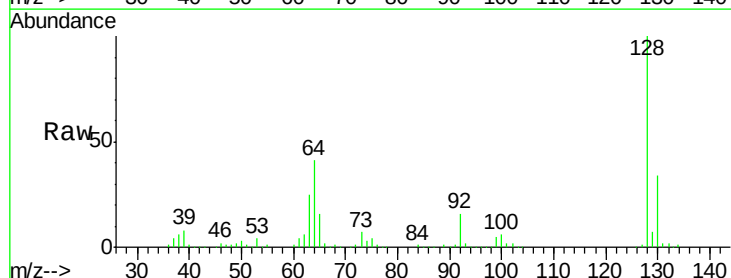
Tgt Ion: 128 Resp: 265373

Ion Ratio Lower Upper

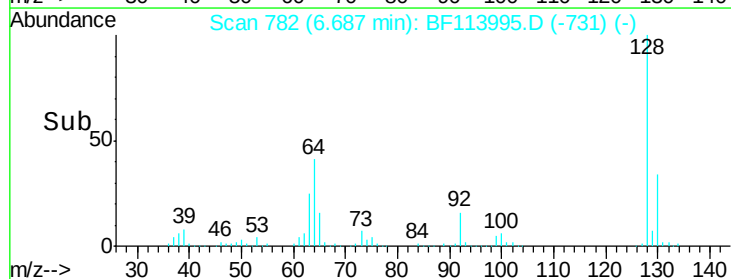
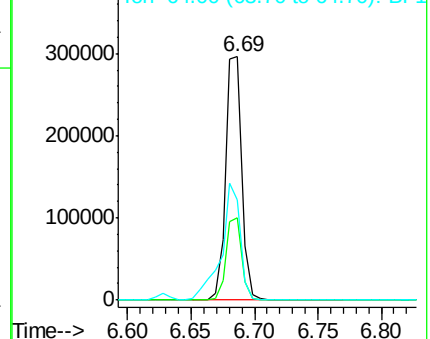
128 100

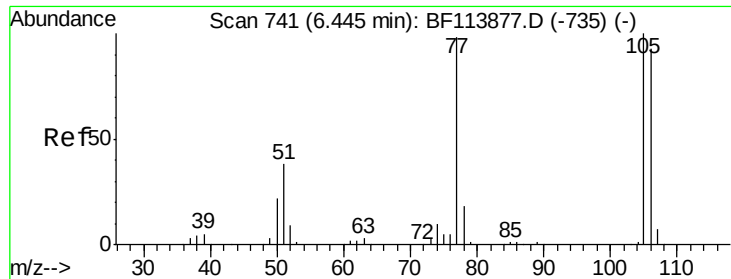
130 33.8 12.3 52.3

64 41.0 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

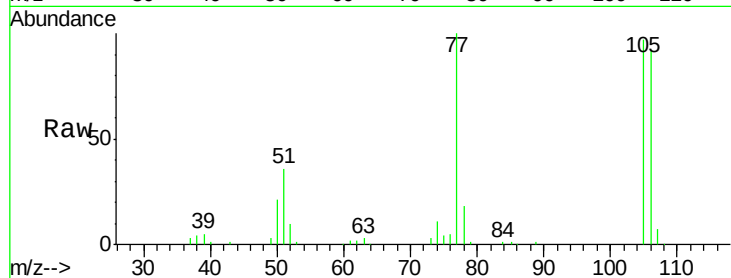




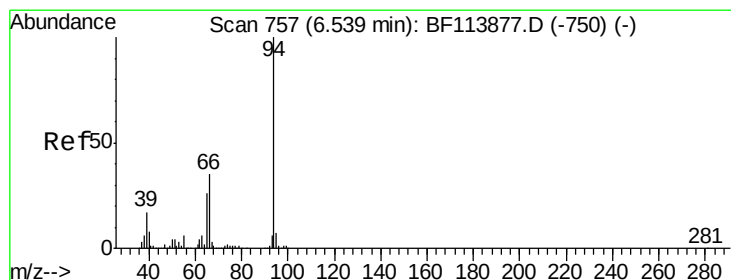
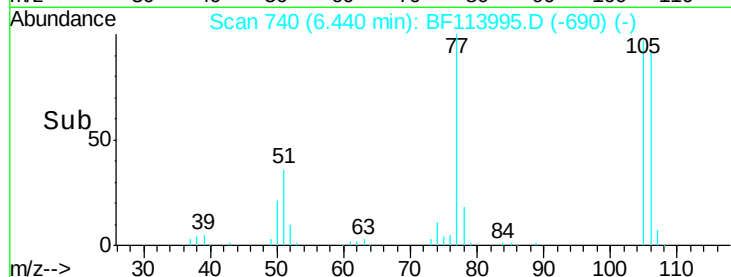
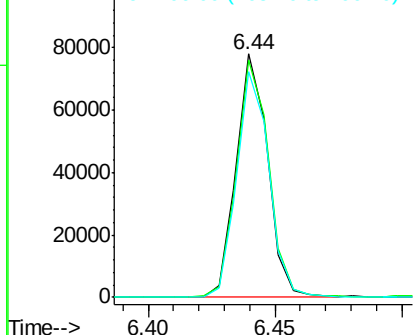
#9
Benzaldehyde
Concen: 9.875 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 67312
Ion Ratio Lower Upper
77 100
105 97.4 74.1 114.1
106 92.5 70.3 110.3

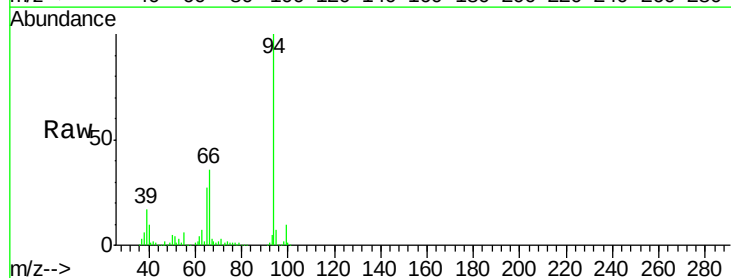


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

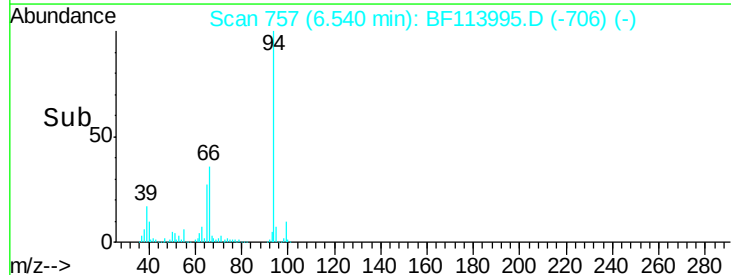
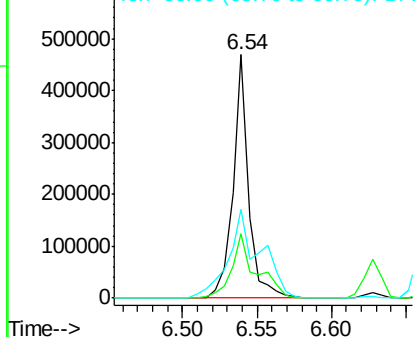


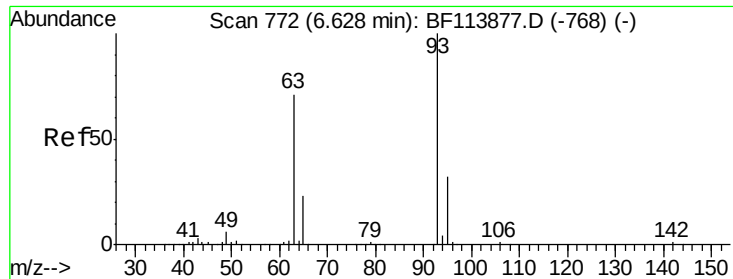
#10
Phenol
Concen: 35.431 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion: 94 Resp: 347917
Ion Ratio Lower Upper
94 100
65 26.6 8.1 48.1
66 36.2 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

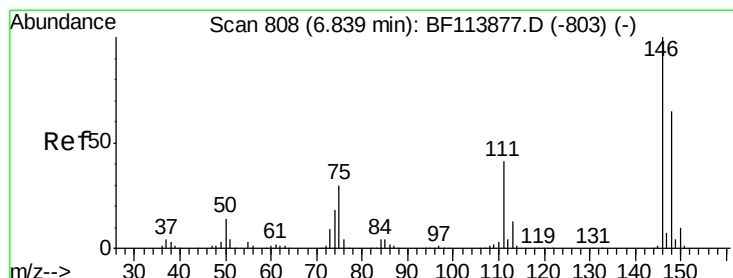
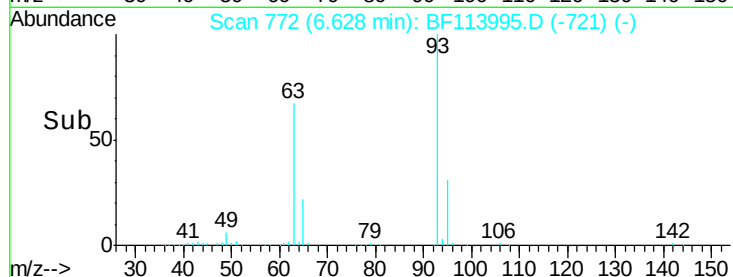
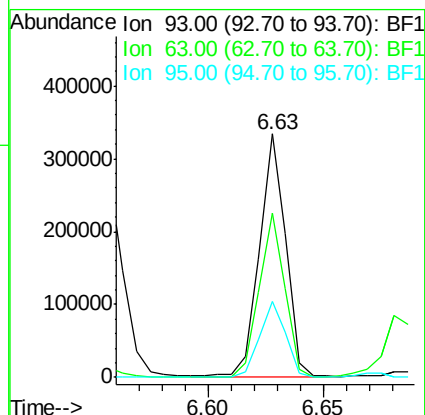
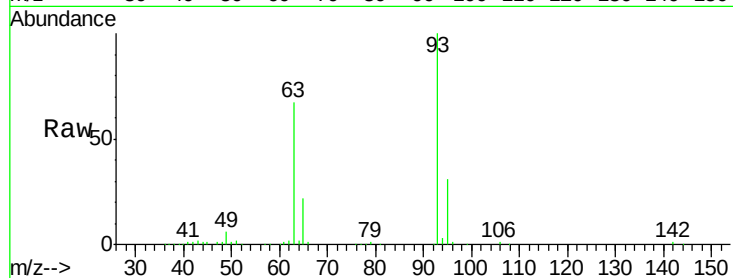




#11
bis(2-Chloroethyl)ether
Concen: 35.604 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

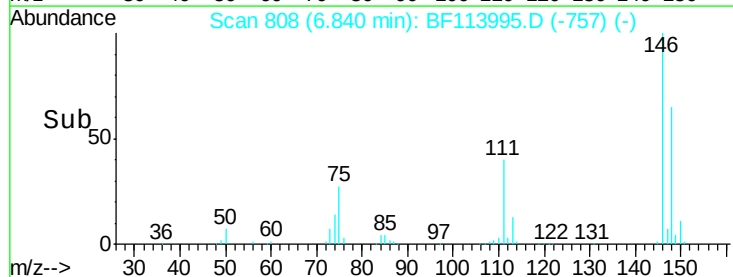
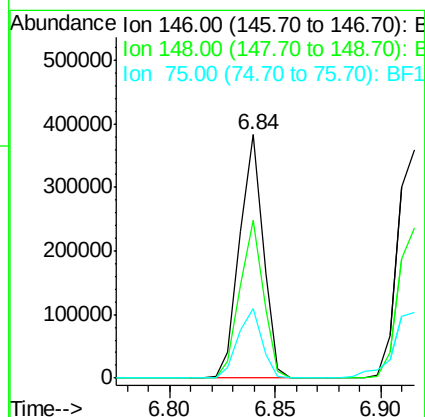
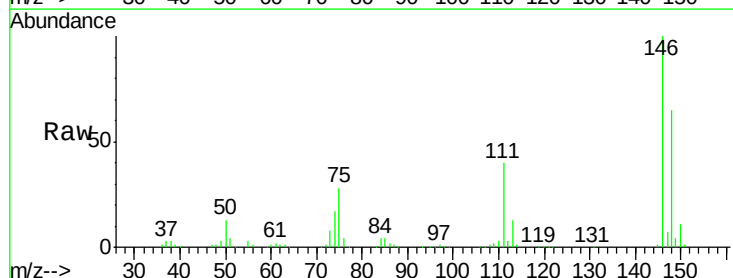
Instrument :
BNA_F
ClientSampleId :

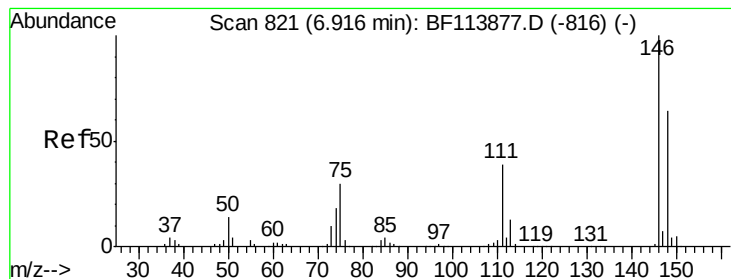
Tot Ion: 93 Resp: 263092
Ion Ratio Lower Upper
93 100
63 67.3 50.7 90.7
95 31.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 34.937 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion: 146 Resp: 295693
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
75 28.4 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 35.344 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

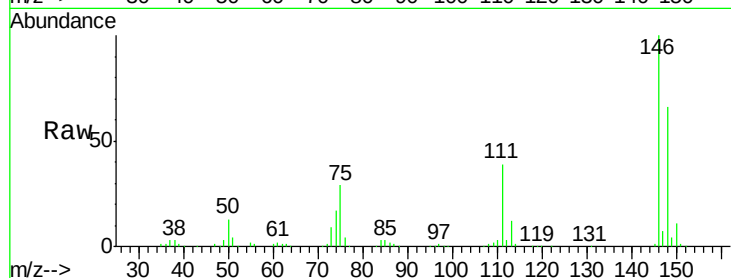
Tot Ion:146 Resp: 300875

Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.8

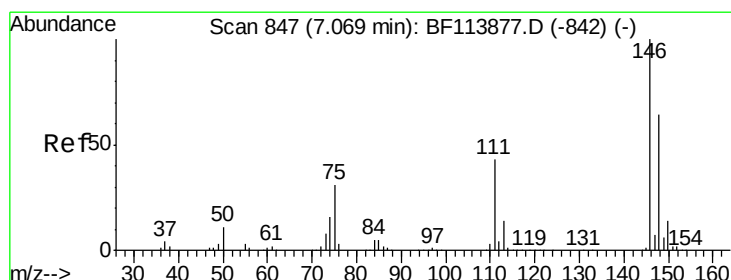
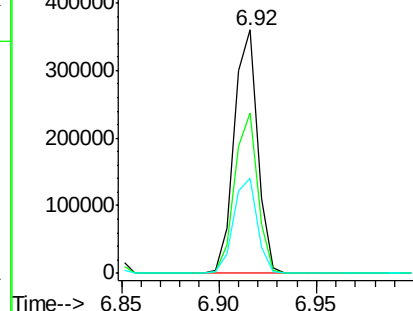
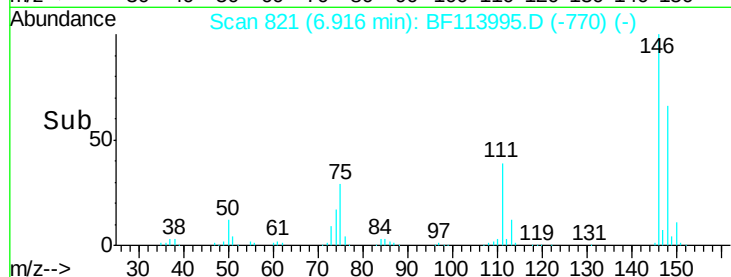
111 39.2 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.501 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

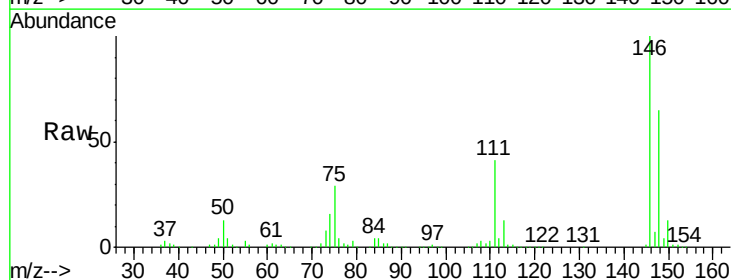
Tgt Ion:146 Resp: 285566

Ion Ratio Lower Upper

146 100

148 64.8 52.1 78.1

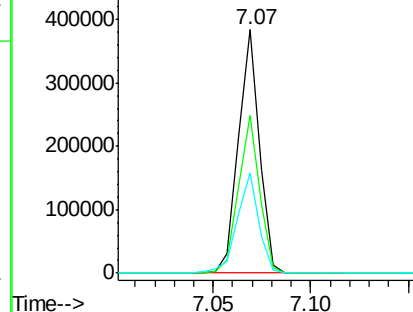
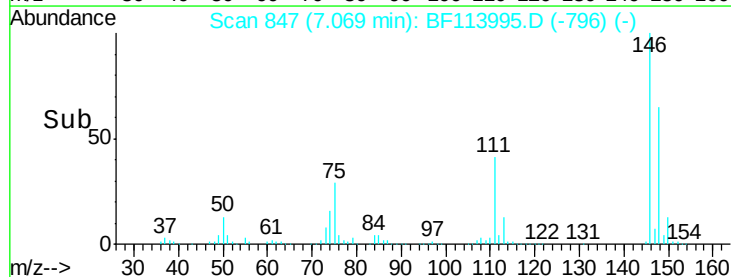
111 41.0 34.2 51.4

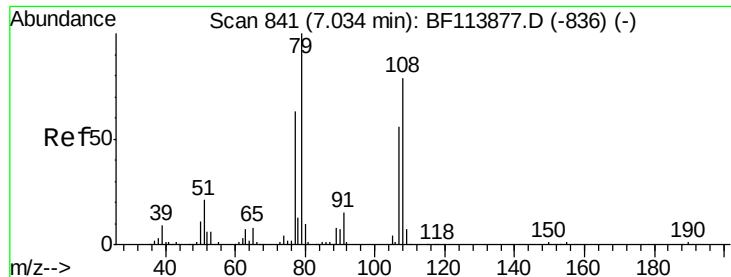


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.545 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

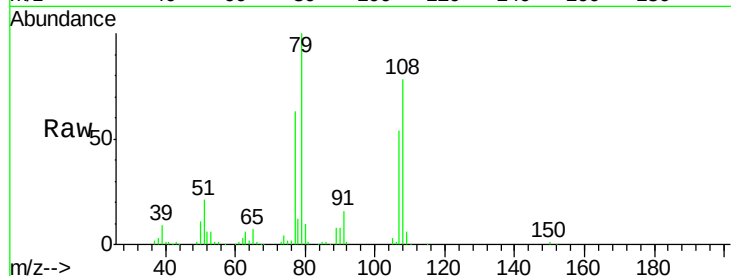
Tot Ion: 79 Resp: 224244

Ion Ratio Lower Upper

79 100

108 78.1 61.4 92.0

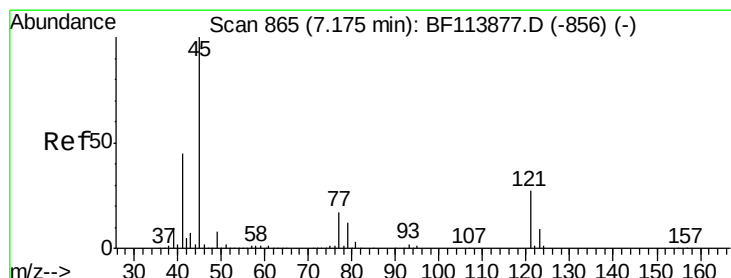
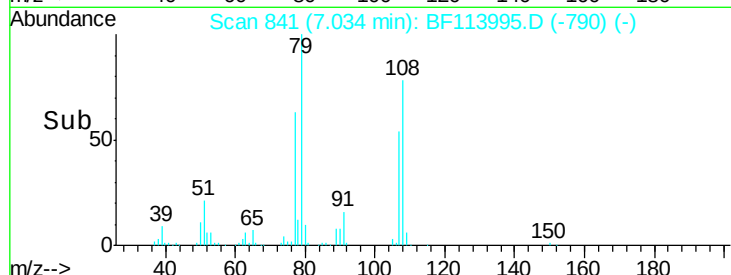
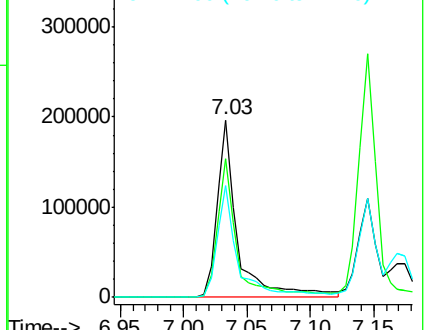
77 63.2 51.6 77.4



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: 34.087 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

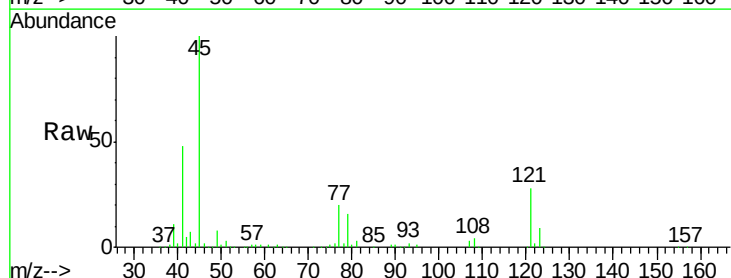
Tgt Ion: 45 Resp: 294037

Ion Ratio Lower Upper

45 100

77 20.2 0.0 37.0

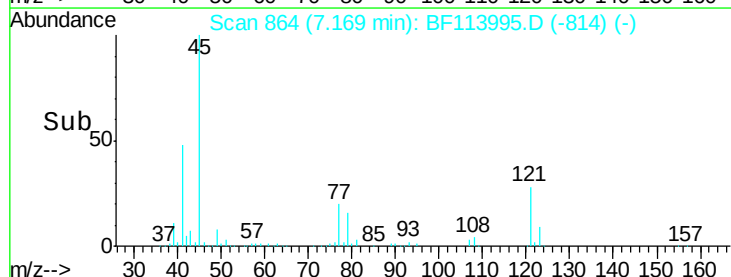
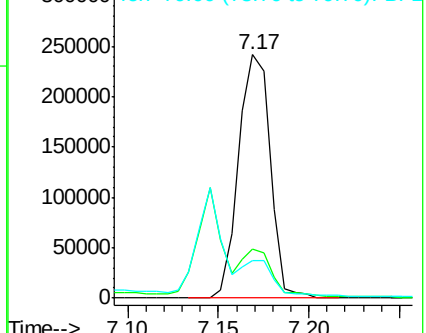
79 15.6 0.0 32.7

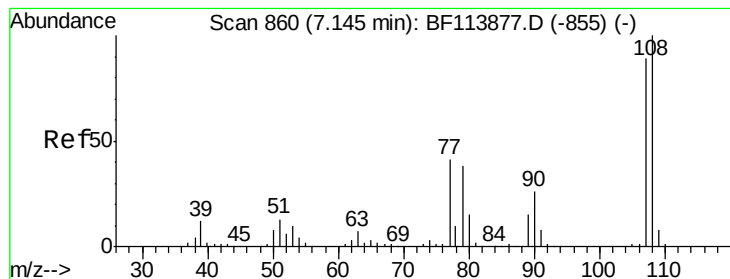


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

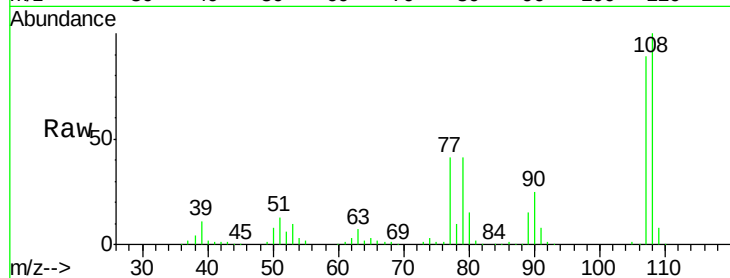




#17
2-Methylphenol
Concen: 36.285 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.5	137.3
77	45.5	36.2	54.4
79	45.8	35.4	53.0



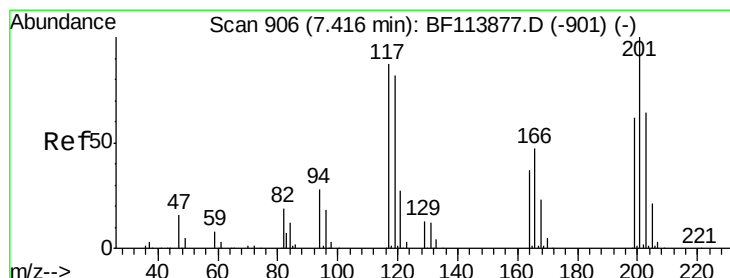
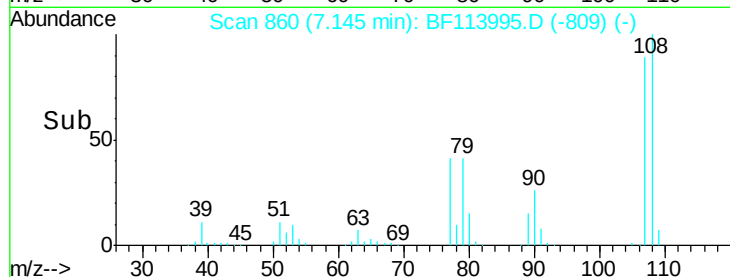
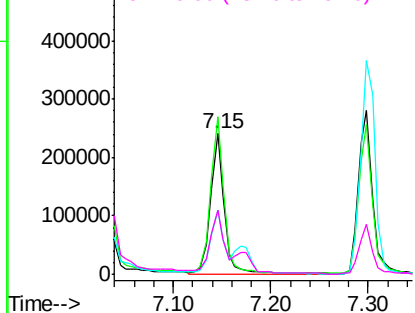
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

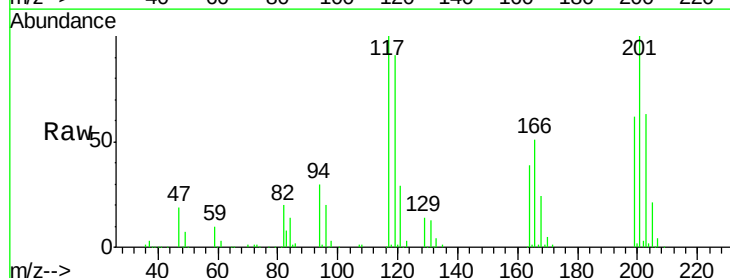
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.411 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	74.4	111.6
201	100.4	90.2	135.2

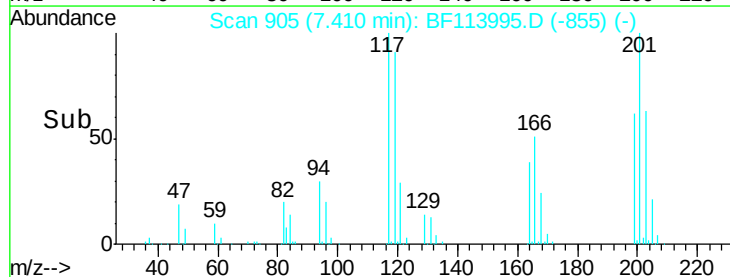
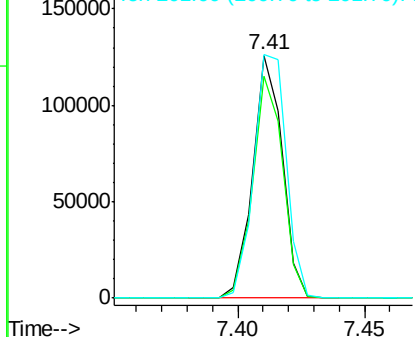


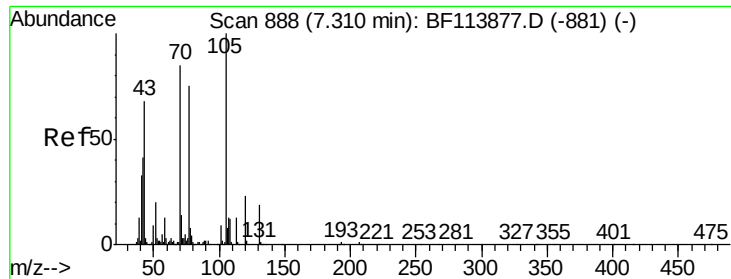
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

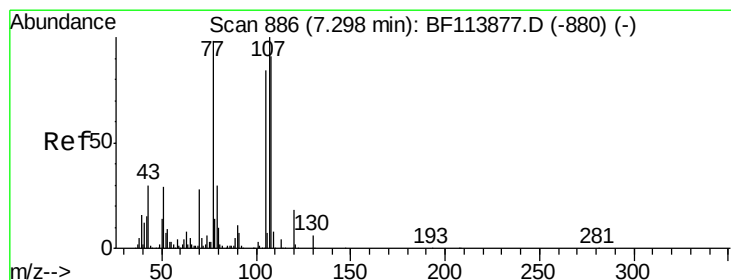
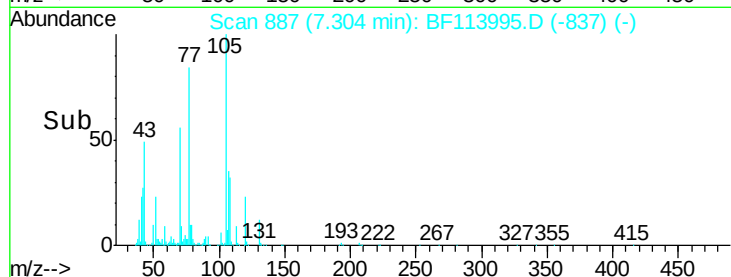
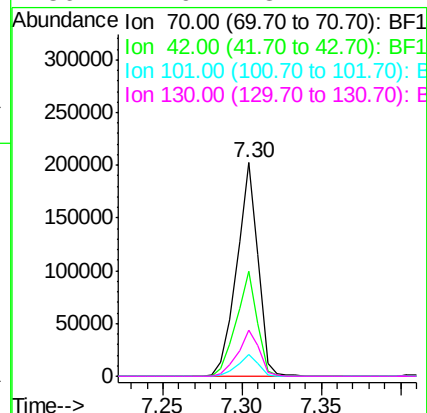
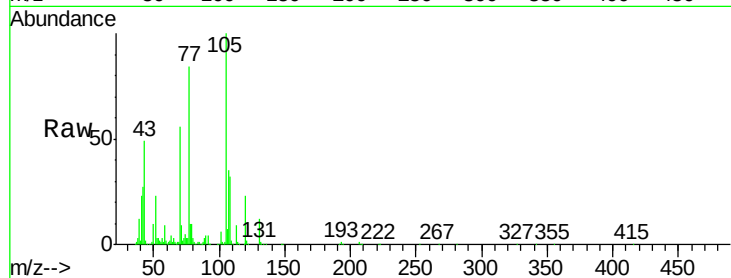




#19
n-Nitroso-di-n-propylamine
Concen: 35.232 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

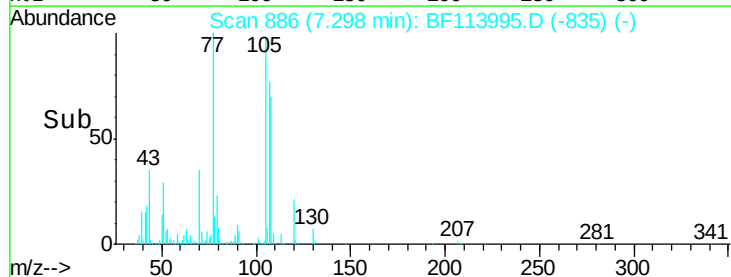
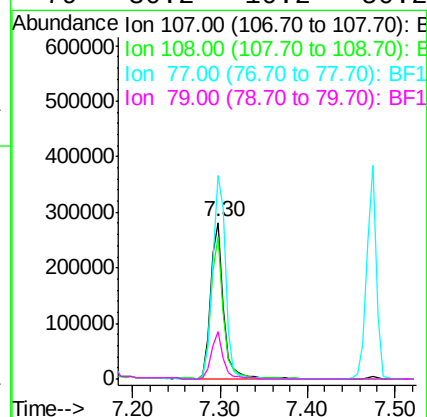
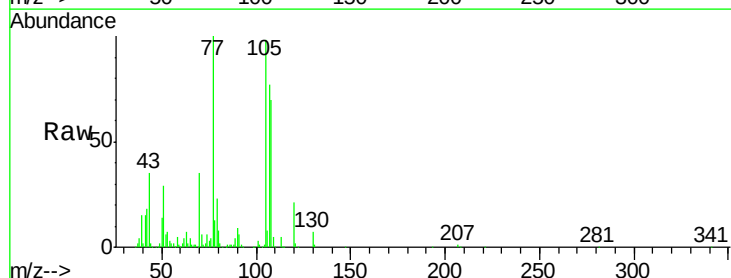
Instrument :
BNA_F
ClientSampleId :

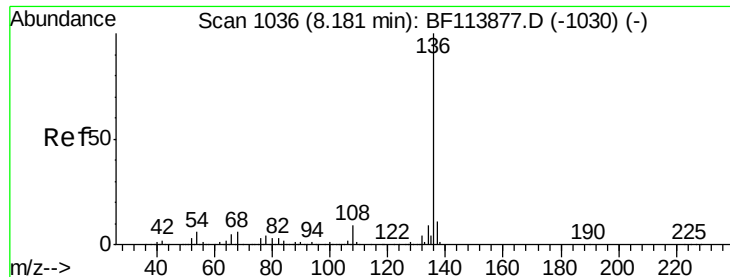
Tot Ion:	70	Resp:	187365
Ion	Ratio	Lower	Upper
70	100		
42	48.9	37.3	55.9
101	9.9	7.8	11.8
130	21.9	18.2	27.2



#20
3+4-Methylphenols
Concen: 38.607 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion:	107	Resp:	285722
Ion	Ratio	Lower	Upper
107	100		
108	91.3	70.1	110.1
77	130.2	52.9	92.9#
79	30.2	10.2	50.2

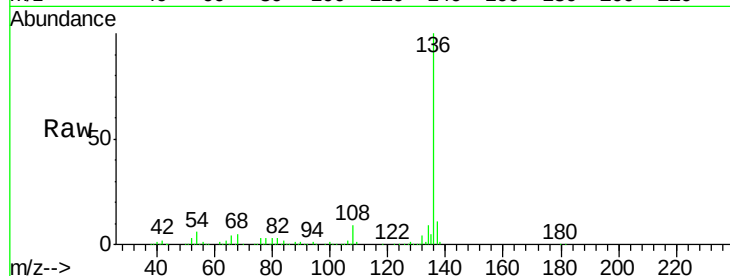




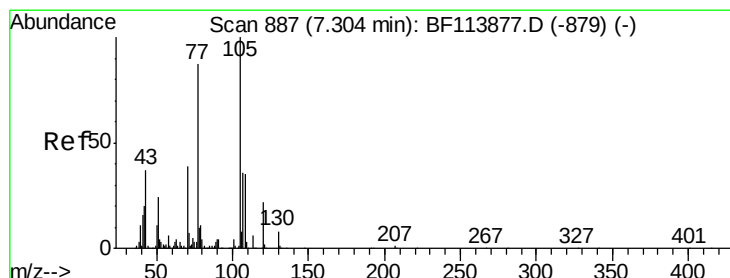
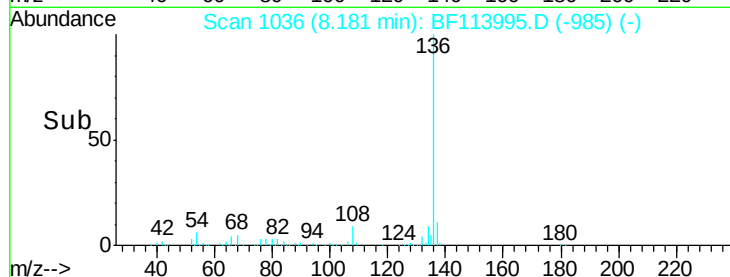
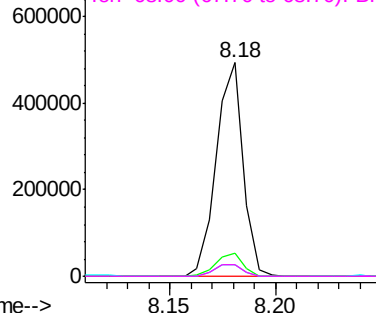
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	434605
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 12.8
54	5.6	5.0 7.6
68	5.4	4.9 7.3

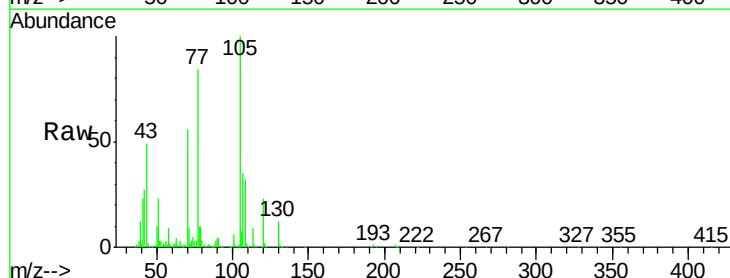


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

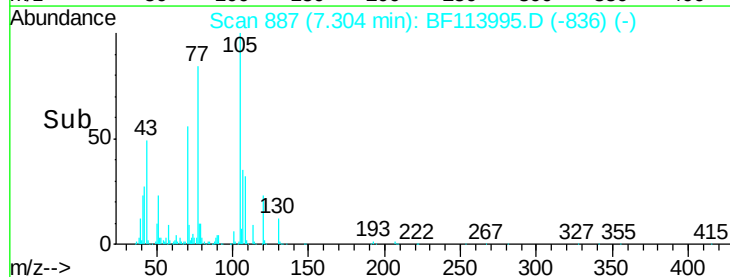
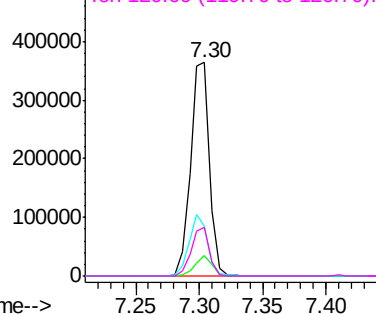


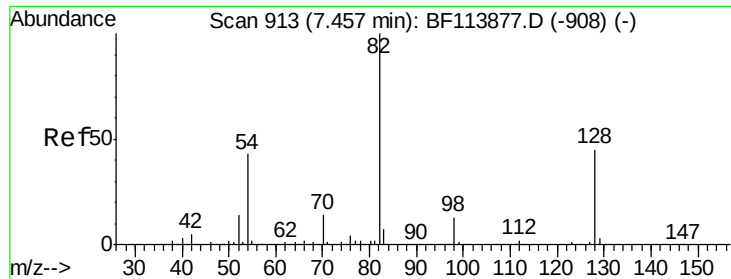
#22
Acetophenone
Concen: 39.219 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion:105	Resp:	379298
Ion Ratio	Lower	Upper
105	100	
71	9.5	6.1 9.1#
51	23.2	16.8 25.2
120	22.5	17.6 26.4



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

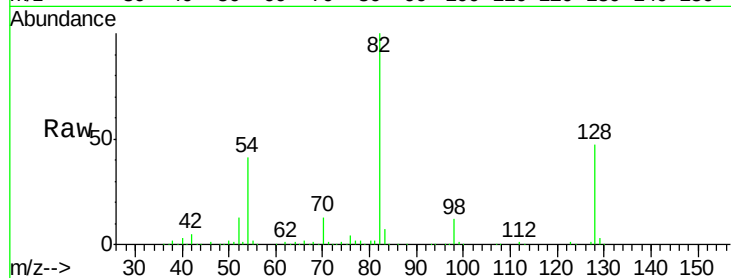




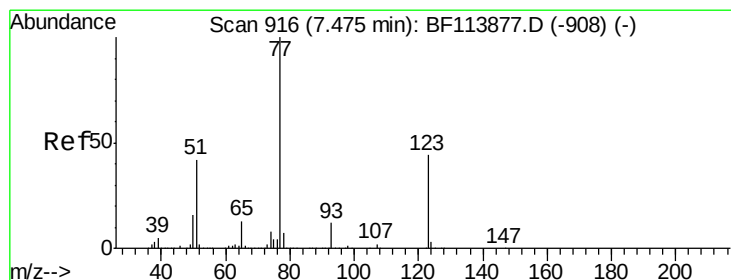
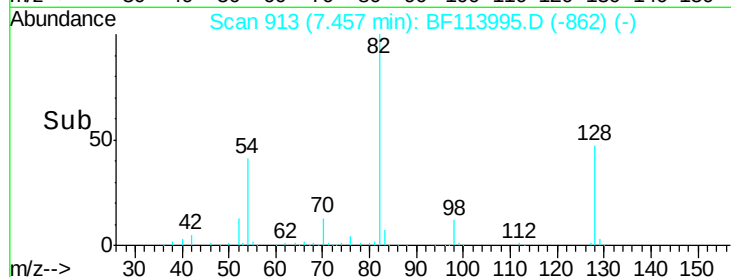
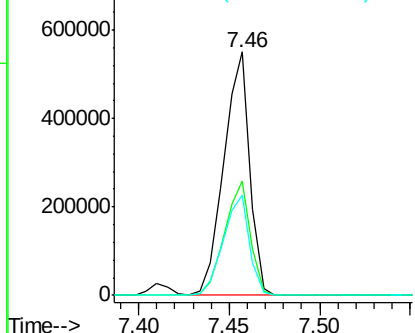
#23
Nitrobenzene-d5
Concen: 77.412 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	544889
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.8	55.2
54	41.4	33.8	50.6

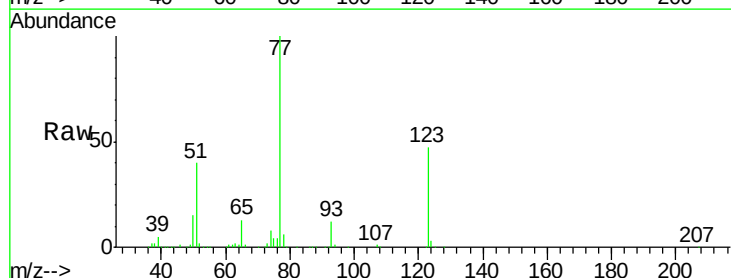


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

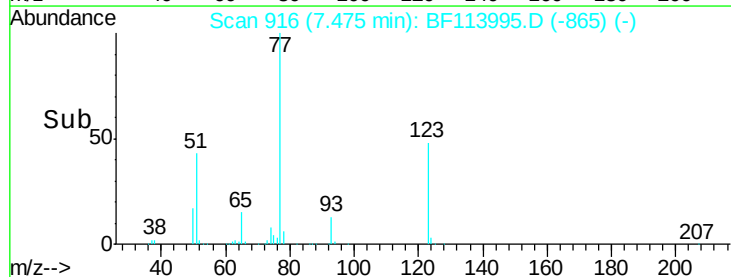
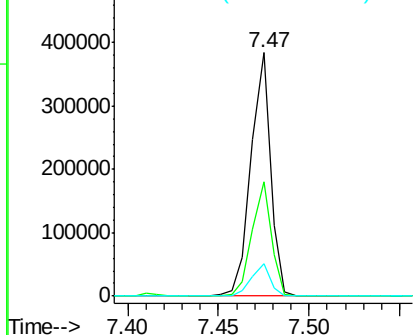


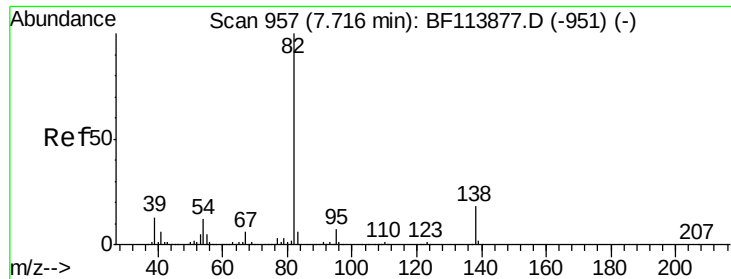
#24
Nitrobenzene
Concen: 37.630 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion	77	Resp	292668
Ion Ratio	Lower	Upper	
77	100		
123	47.1	36.3	54.5
65	13.1	10.3	15.5



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





#25

Isophorone

Concen: 36.319 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

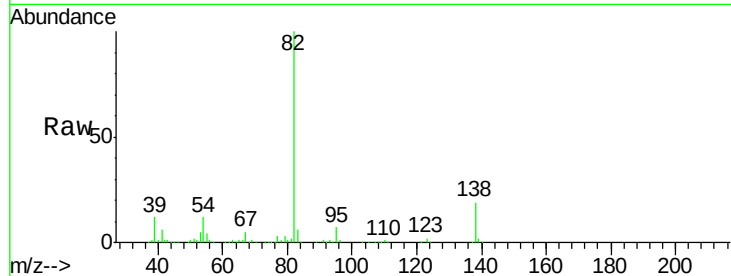
Tot Ion: 82 Resp: 523093

Ion Ratio Lower Upper

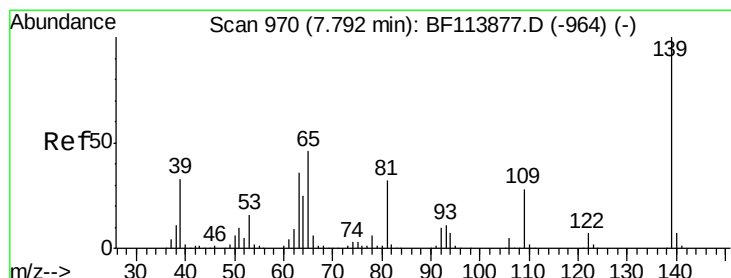
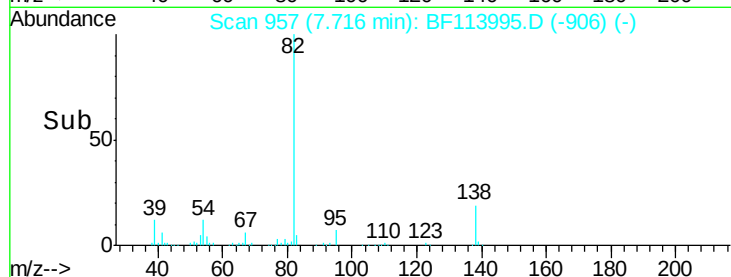
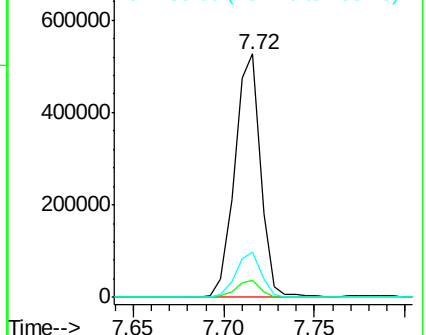
82 100

95 6.9 5.4 8.2

138 18.8 14.6 22.0



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



#26

2-Nitrophenol

Concen: 40.993 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

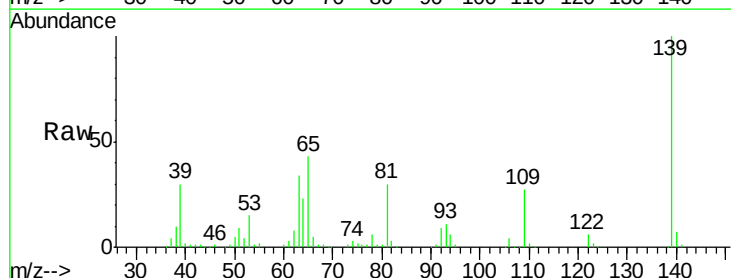
Tgt Ion: 139 Resp: 145451

Ion Ratio Lower Upper

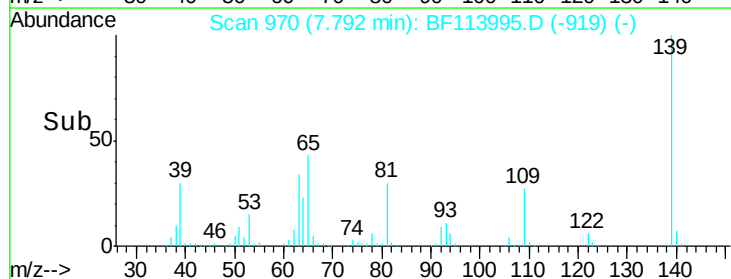
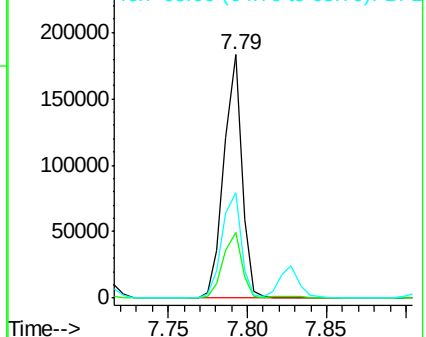
139 100

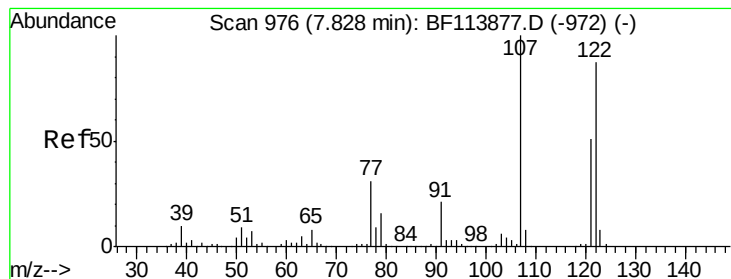
109 26.8 20.6 31.0

65 43.3 34.6 52.0



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





#27

2,4-Dimethylphenol

Concen: 40.089 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

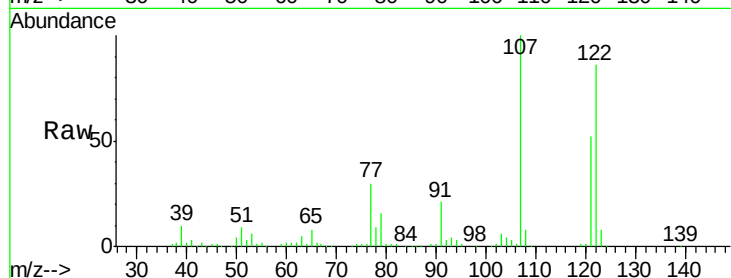
Tot Ion:122 Resp: 231754

Ion Ratio Lower Upper

122 100

107 116.3 91.2 136.8

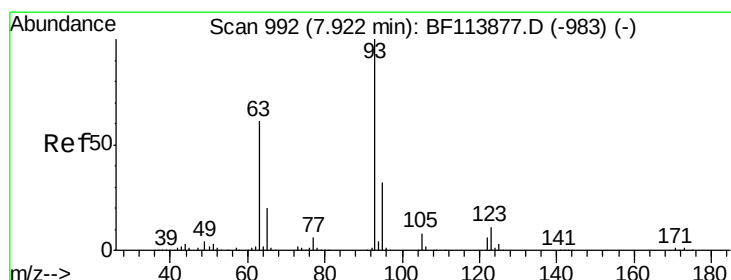
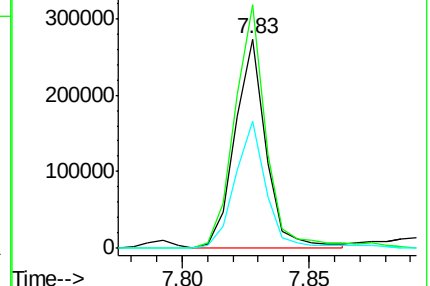
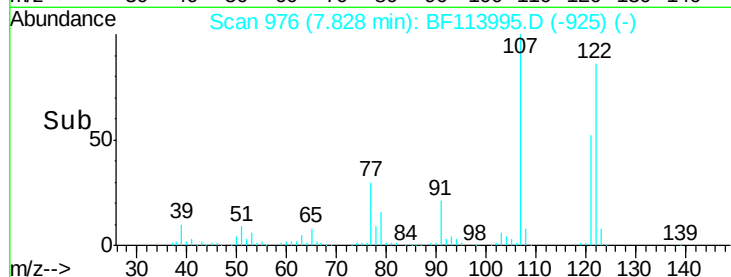
121 60.7 46.4 69.6



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: 36.173 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

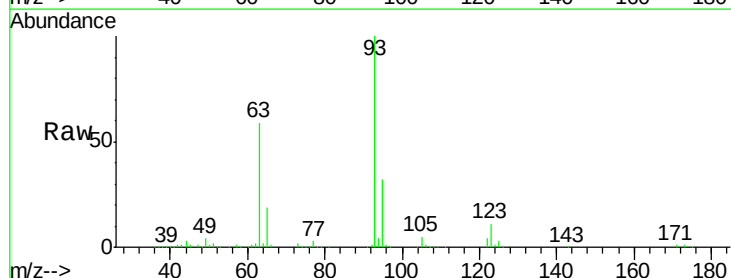
Tgt Ion: 93 Resp: 331985

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

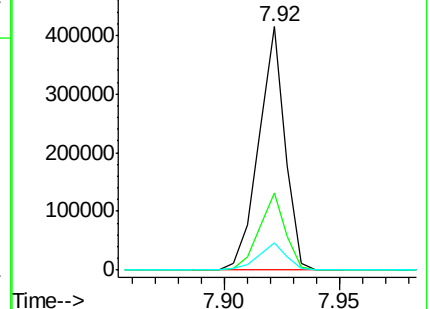
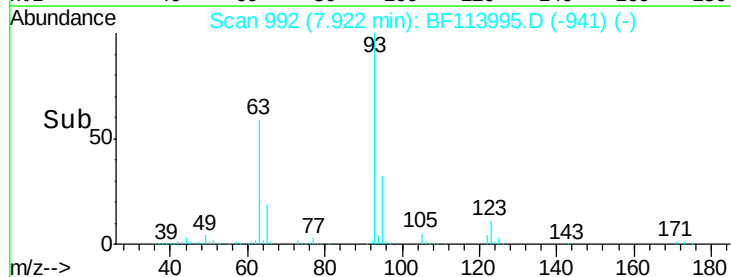
123 11.1 9.0 13.6

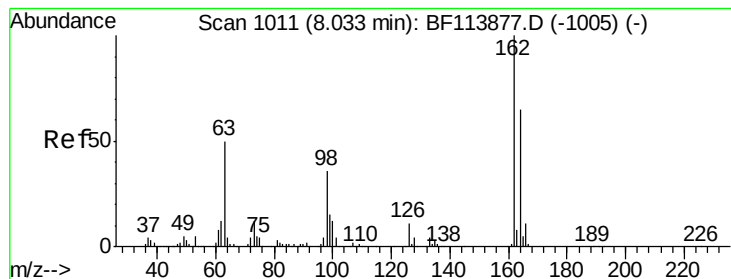


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.145 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

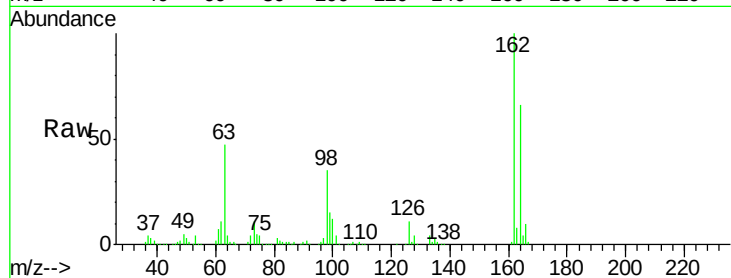
Tot Ion:162 Resp: 252165

Ion Ratio Lower Upper

162 100

164 65.8 43.7 83.7

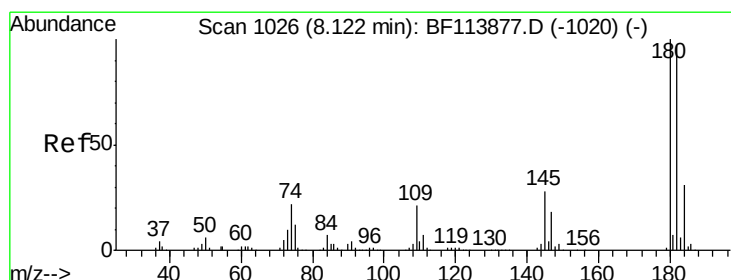
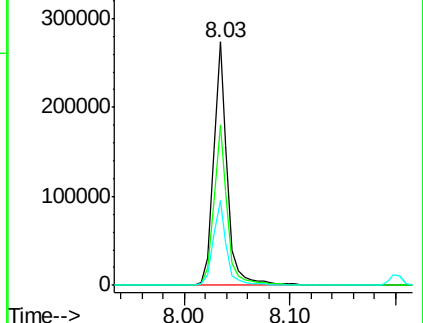
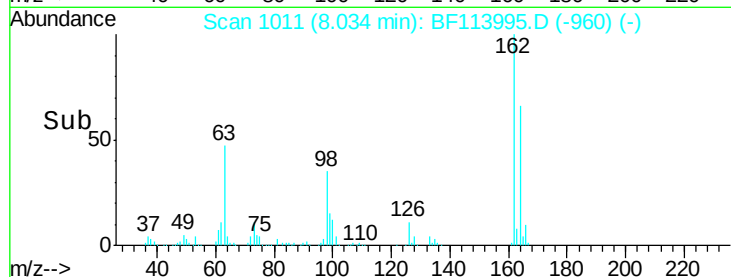
98 34.6 15.5 55.5



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: 36.929 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

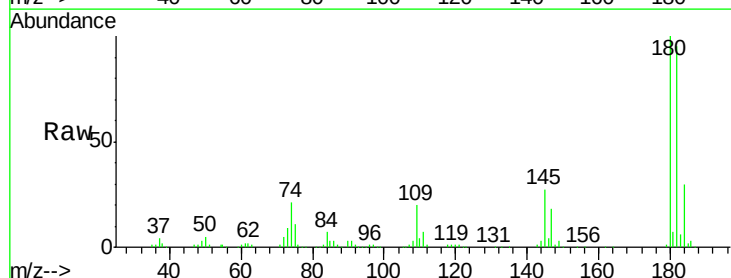
Tgt Ion:180 Resp: 272203

Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

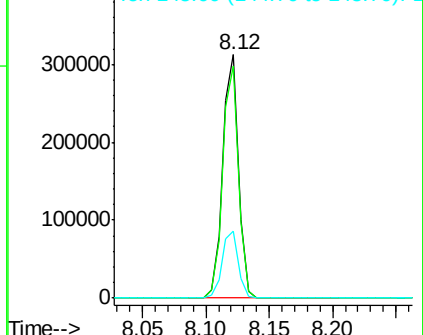
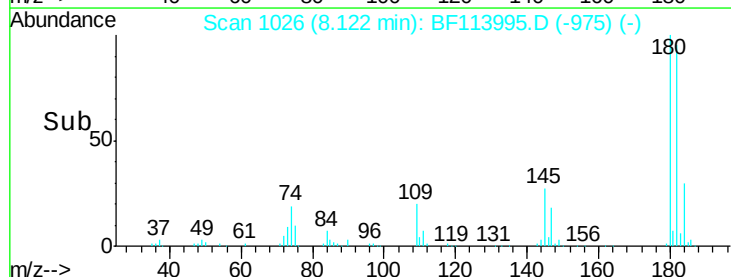
145 27.4 23.0 34.4

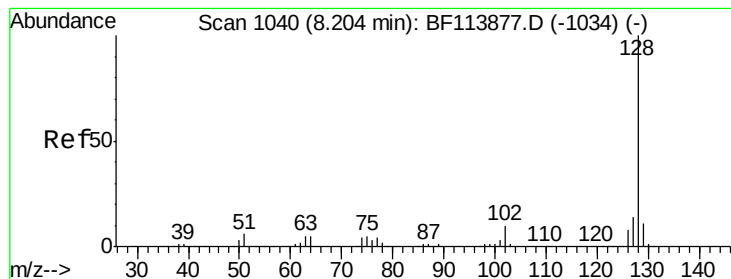


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.293 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampled :

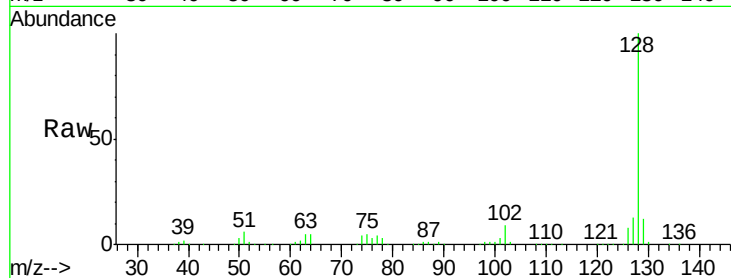
Tot Ion:128 Resp: 790612

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

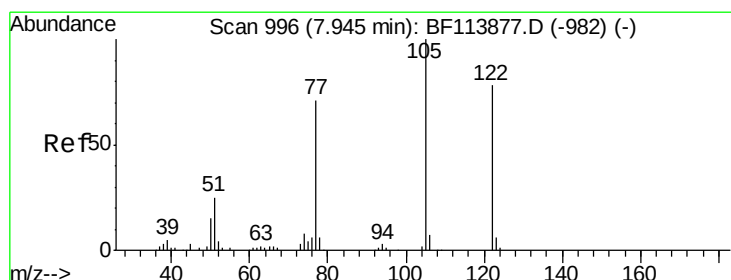
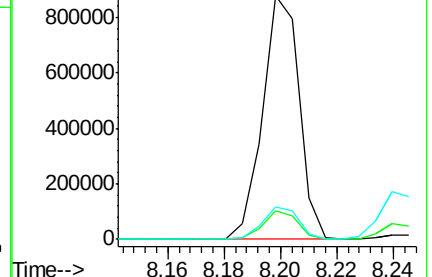
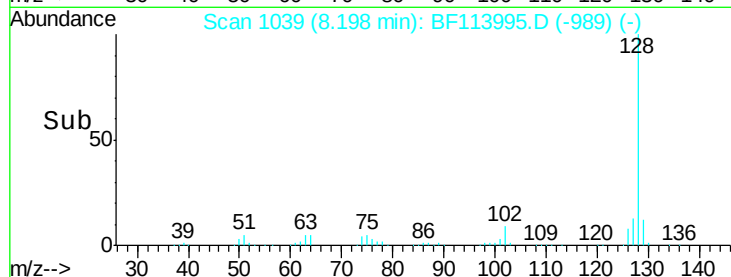
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.212 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

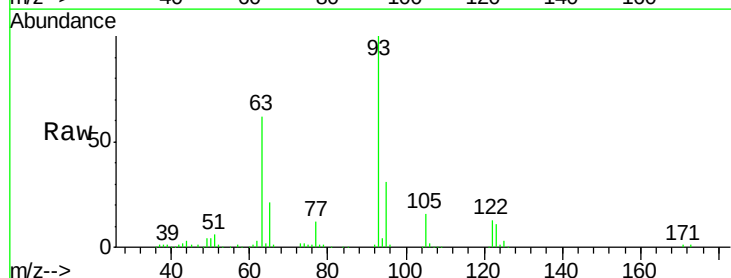
Tgt Ion:122 Resp: 55484

Ion Ratio Lower Upper

122 100

105 125.1 104.3 144.3

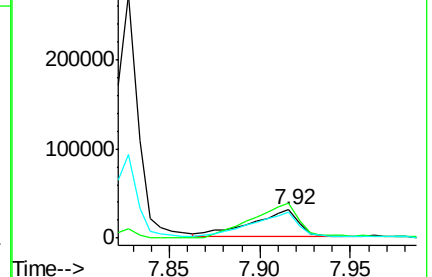
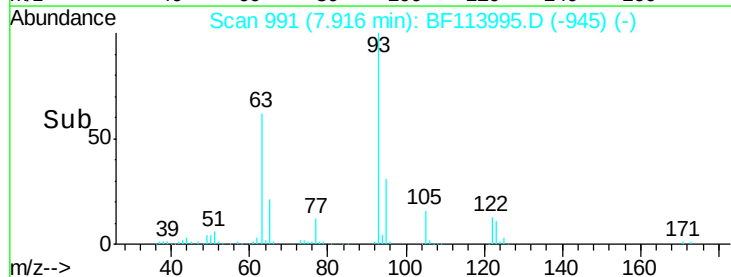
77 94.7 70.4 110.4

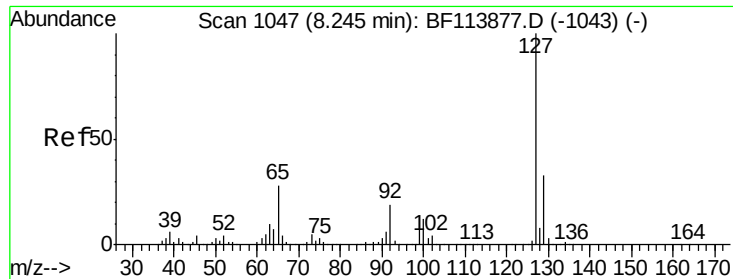


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

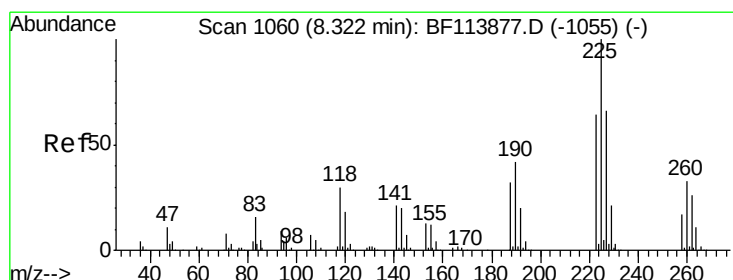
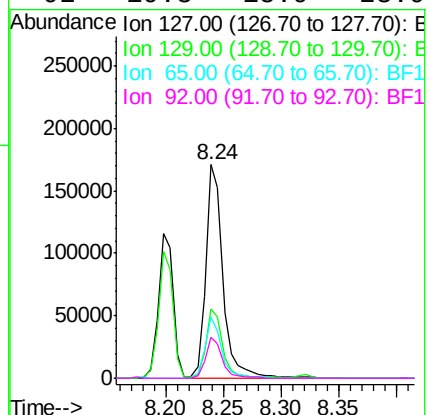
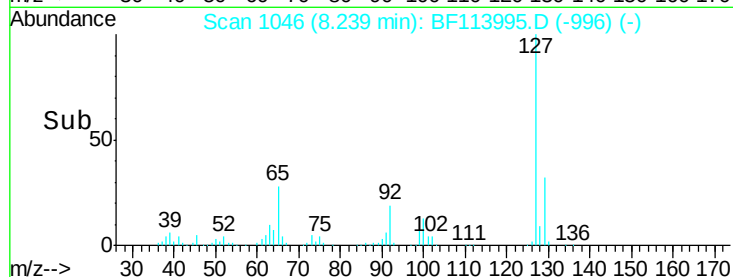
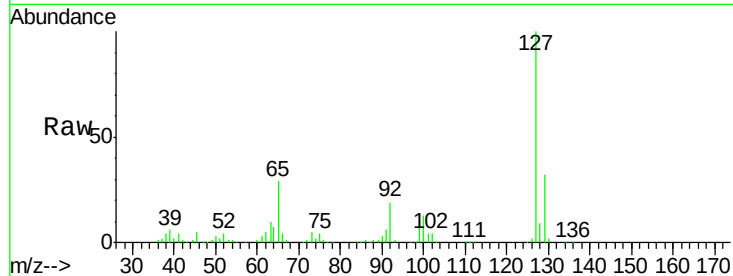




#33
4-Chloroaniline
Concen: 20.456 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

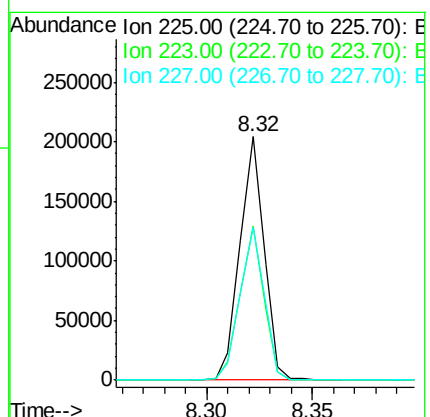
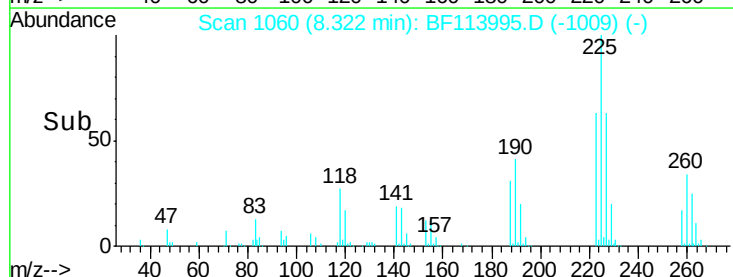
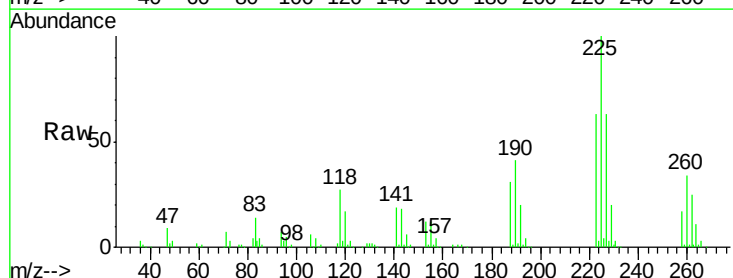
Instrument :
BNA_F
ClientSampleId :

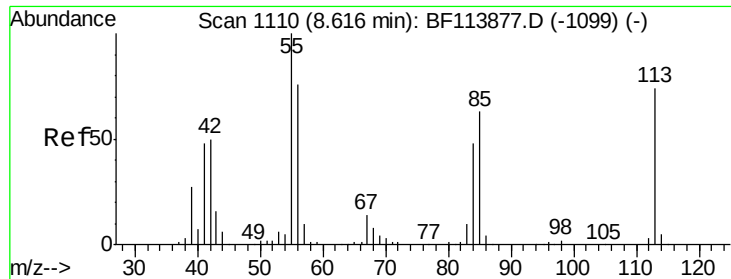
Tot Ion:127	Resp:	178703
Ion	Ratio	Lower Upper
127	100	
129	32.3	26.4 39.6
65	28.5	24.9 37.3
92	19.3	15.9 23.9



#34
Hexachlorobutadiene
Concen: 35.104 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion:225	Resp:	161304
Ion	Ratio	Lower Upper
225	100	
223	63.0	51.1 76.7
227	63.0	49.9 74.9

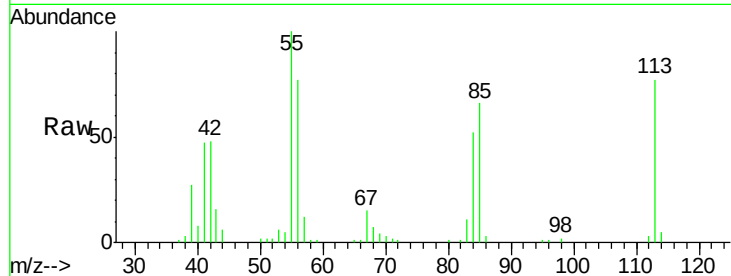




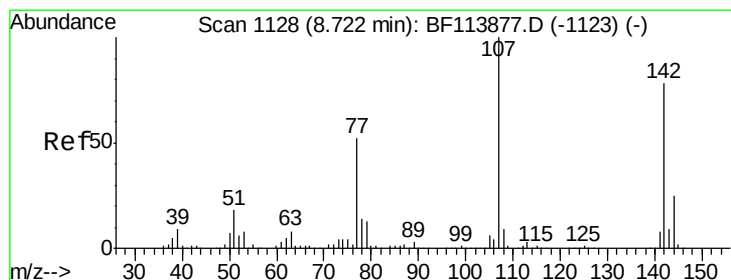
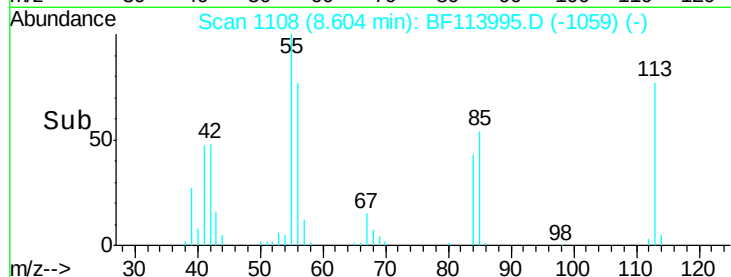
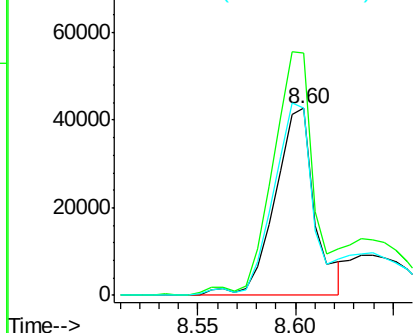
#35
 Caprolactam
 Concen: 28.599 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 60141
 Ion Ratio Lower Upper
 113 100
 55 129.8 128.6 168.6
 56 100.1 91.9 131.9

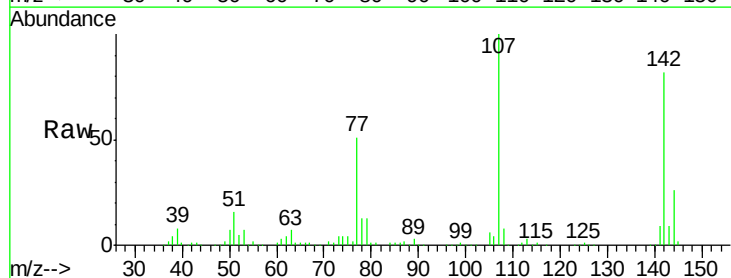


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

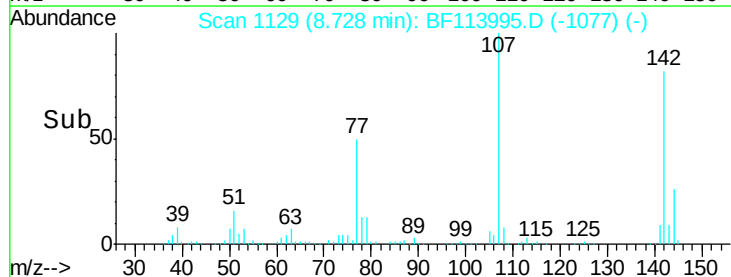
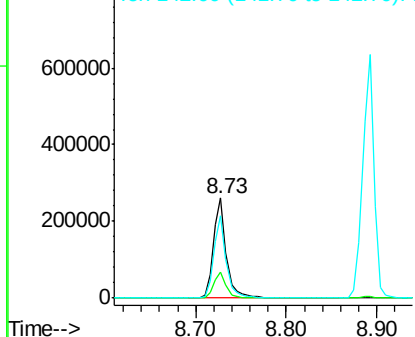


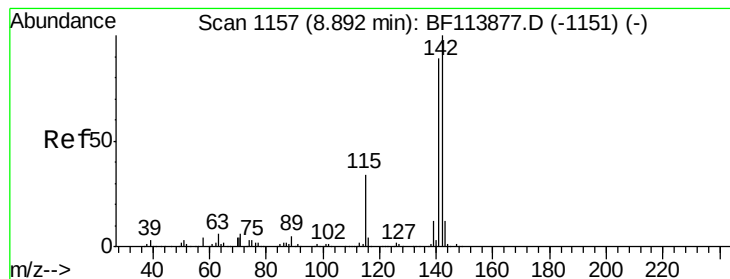
#36
 4-Chloro-3-methylphenol
 Concen: 38.935 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

Tgt Ion:107 Resp: 254998
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 82.5 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: 39.198 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

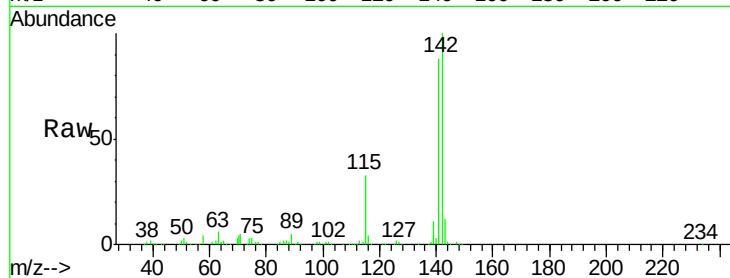
Tot Ion:142 Resp: 545739

Ion Ratio Lower Upper

142 100

141 87.8 70.4 105.6

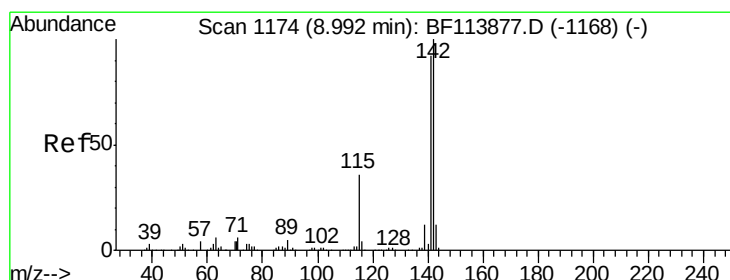
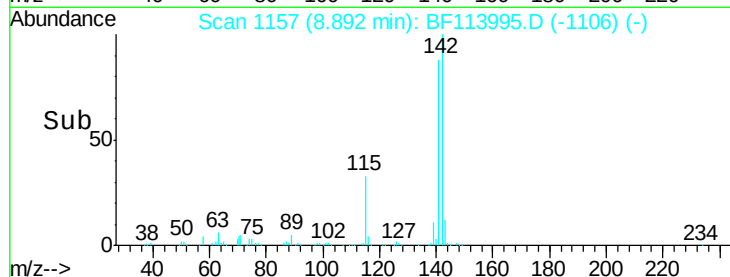
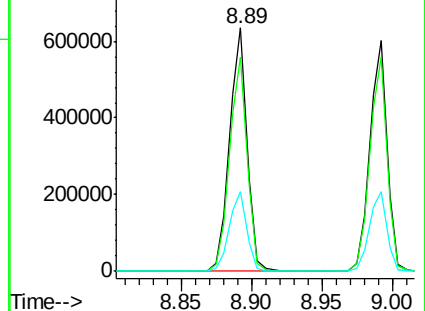
115 33.0 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.028 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

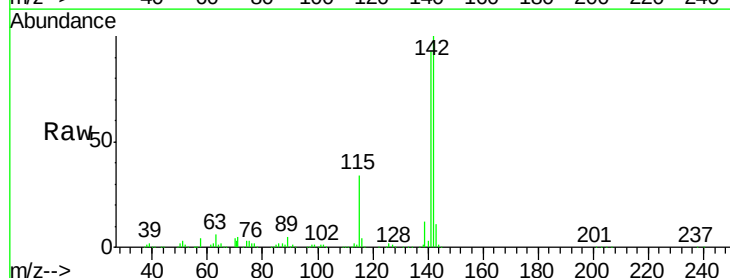
Tgt Ion:142 Resp: 511008

Ion Ratio Lower Upper

142 100

141 92.6 72.3 108.5

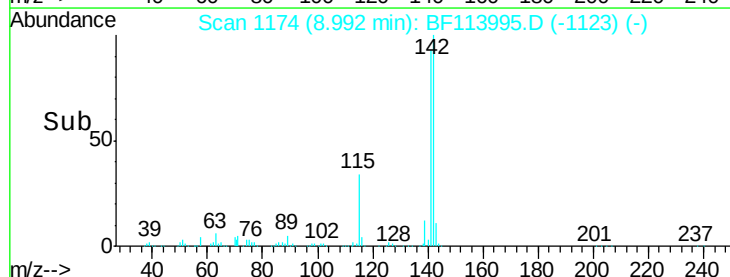
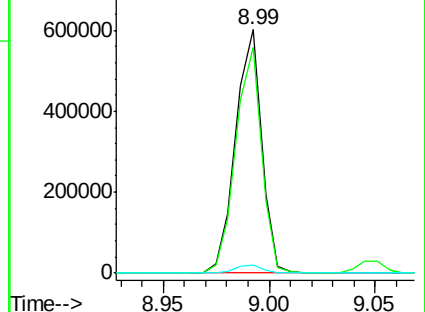
116 3.6 3.0 4.4

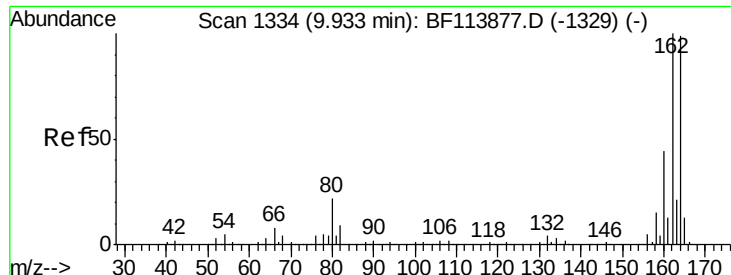


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

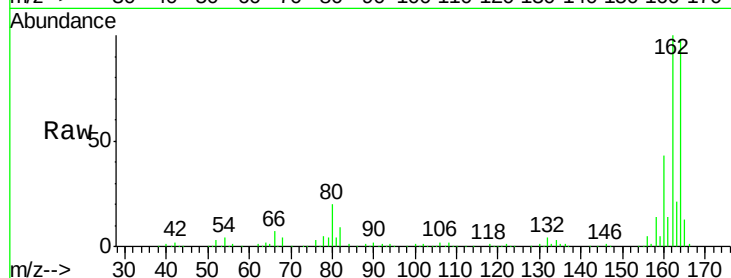
Tot Ion:164 Resp: 235217

Ion Ratio Lower Upper

164 100

162 101.8 81.1 121.7

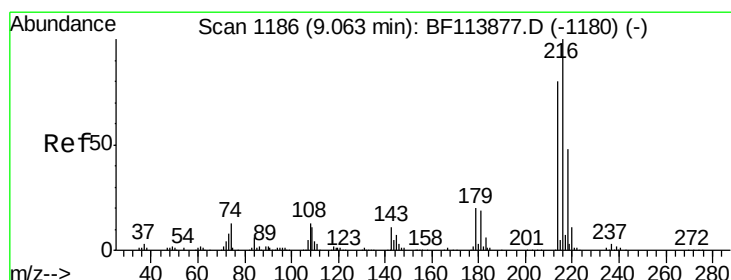
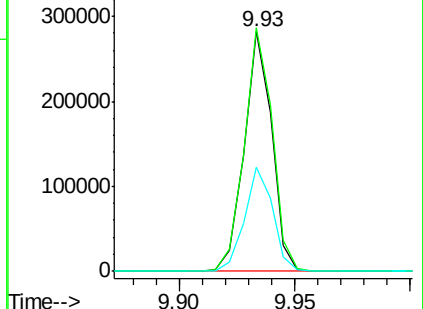
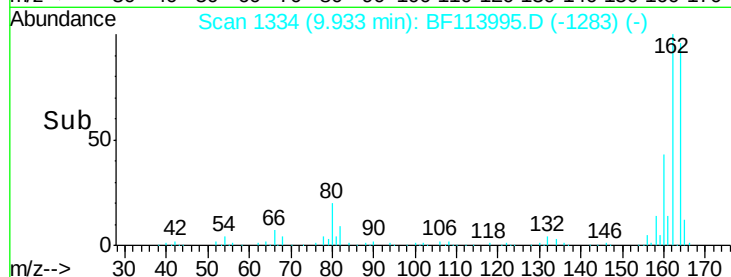
160 43.6 35.8 53.6



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: 36.421 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Tgt Ion:216 Resp: 278280

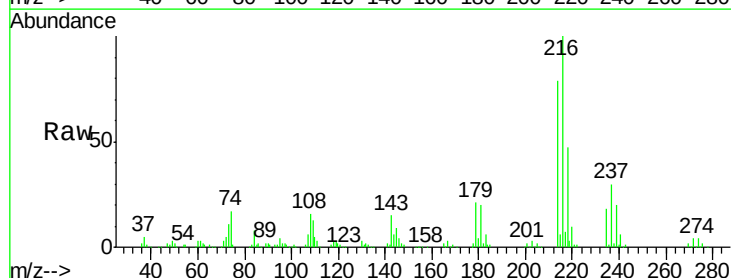
Ion Ratio Lower Upper

216 100

214 78.6 63.5 95.3

179 20.5 16.1 24.1

108 16.6 13.4 20.0

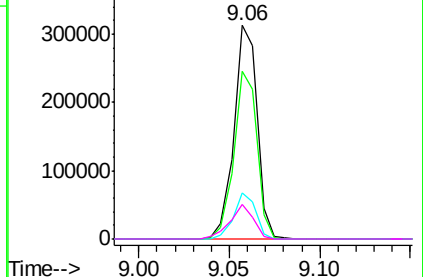
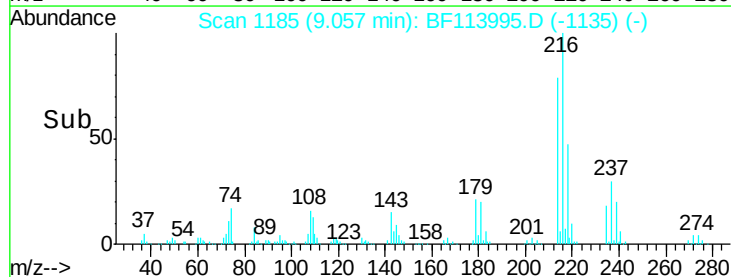


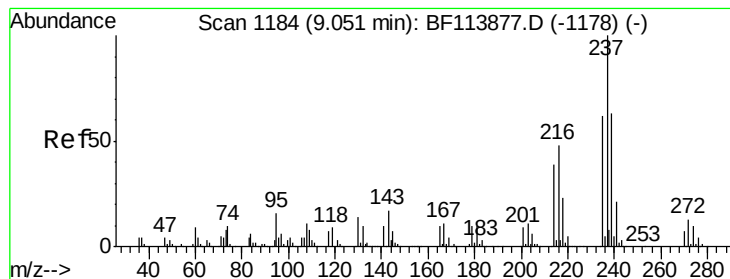
Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.356 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

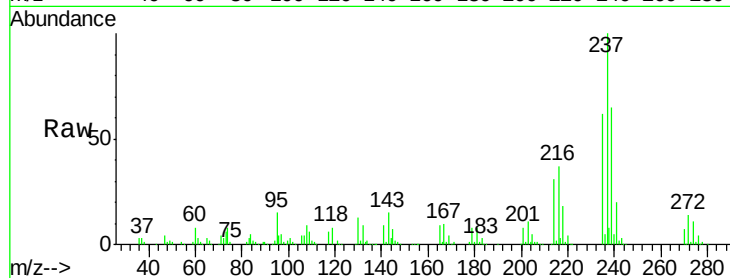
Tot Ion:237 Resp: 261422

Ion Ratio Lower Upper

237 100

235 62.5 42.6 82.6

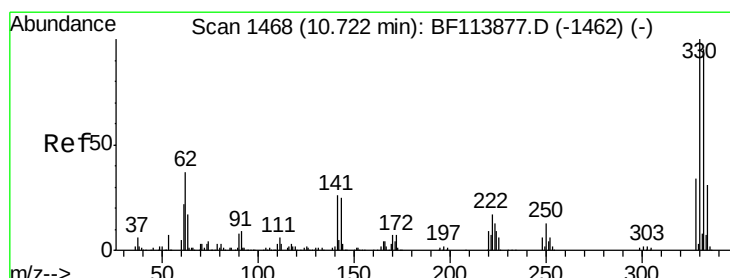
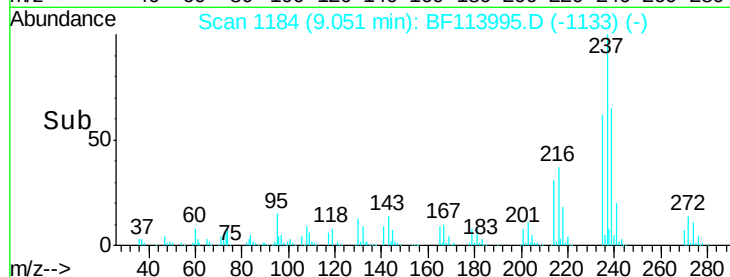
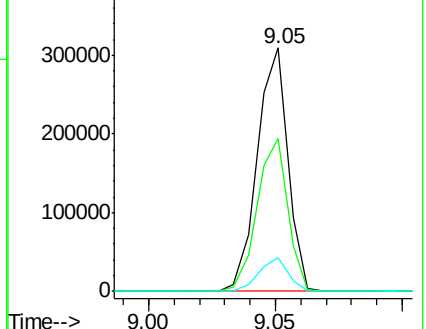
272 13.8 0.0 33.8



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: 118.980 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

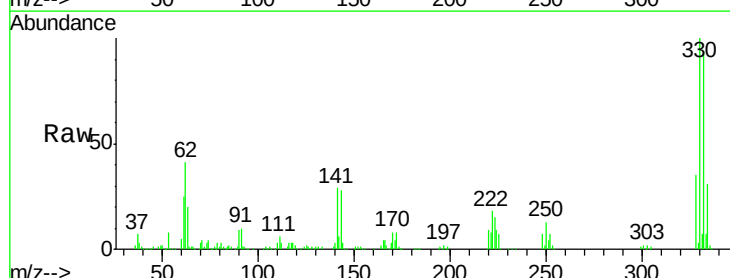
Tgt Ion:330 Resp: 340929

Ion Ratio Lower Upper

330 100

332 95.3 77.5 116.3

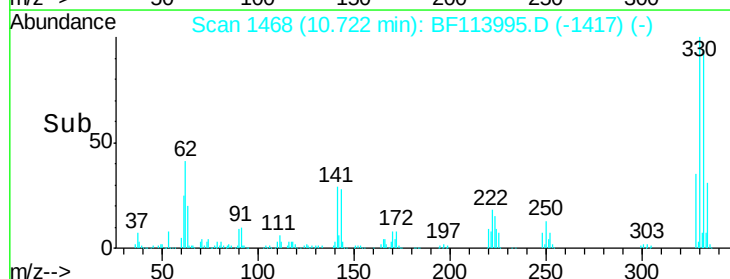
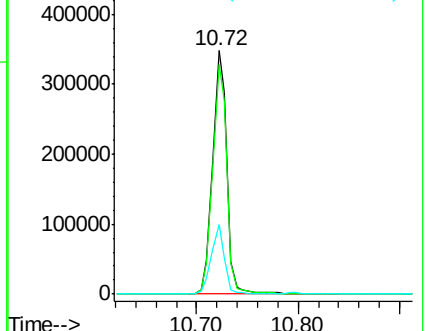
141 26.5 22.2 33.2

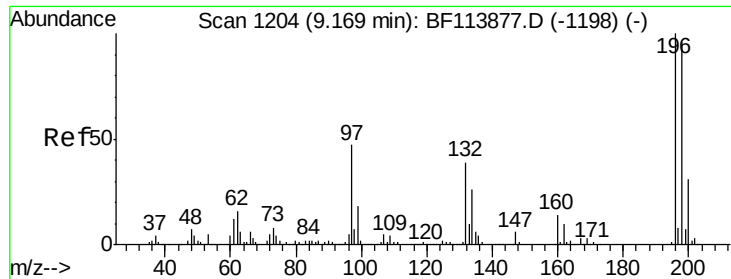


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

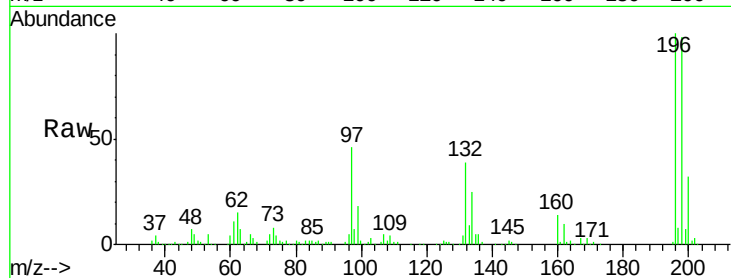




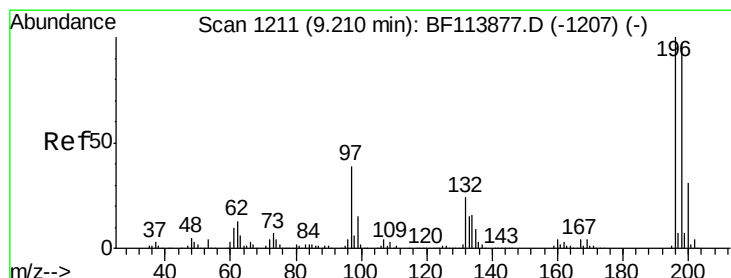
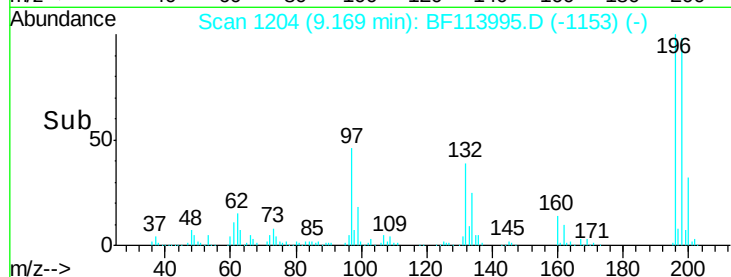
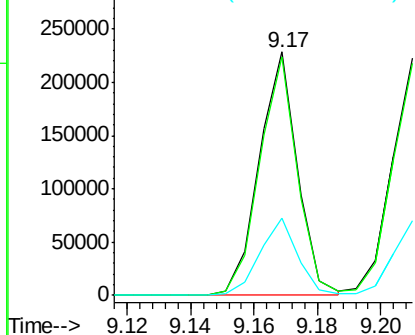
#43
 2,4,6-Trichlorophenol
 Concen: 39.484 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 191566
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.6 113.4
 200 31.6 24.7 37.1

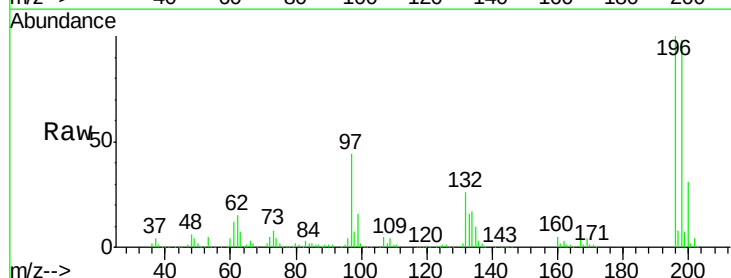


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

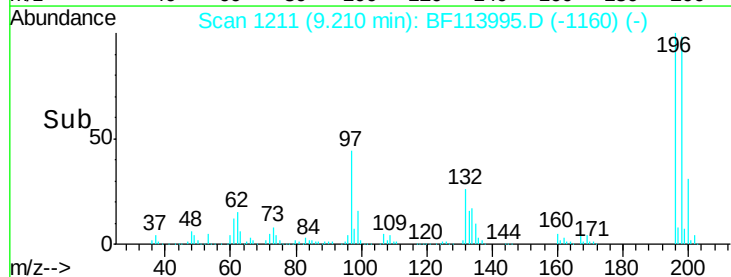
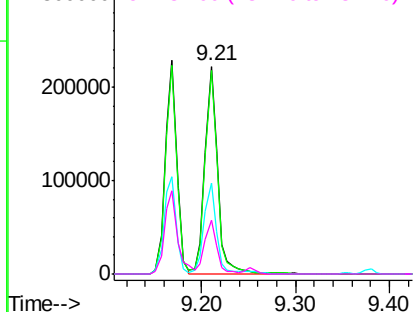


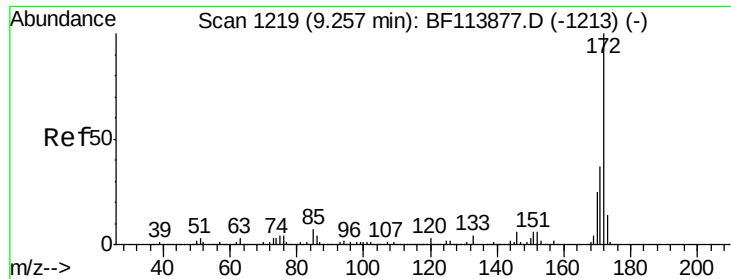
#44
 2,4,5-Trichlorophenol
 Concen: 38.889 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

Tgt Ion:196 Resp: 211630
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.2 114.4
 97 43.6 35.8 53.8
 132 25.8 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

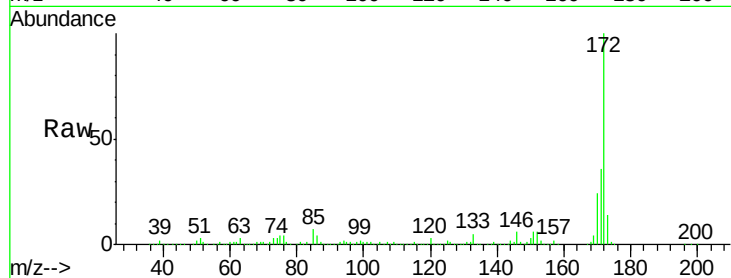




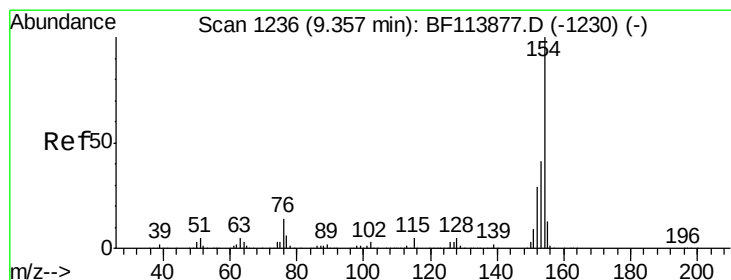
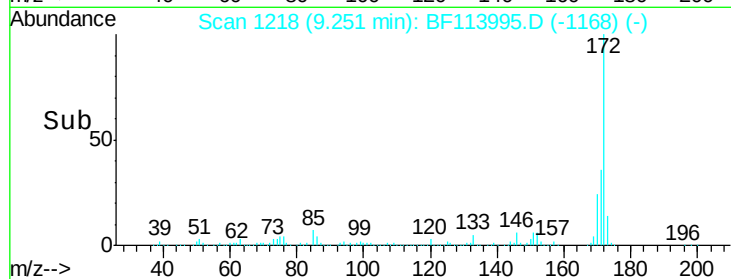
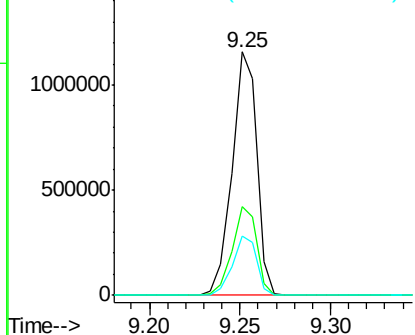
#45
2-Fluorobiphenyl
Concen: 72.780 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1094549
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.5 19.9 29.9

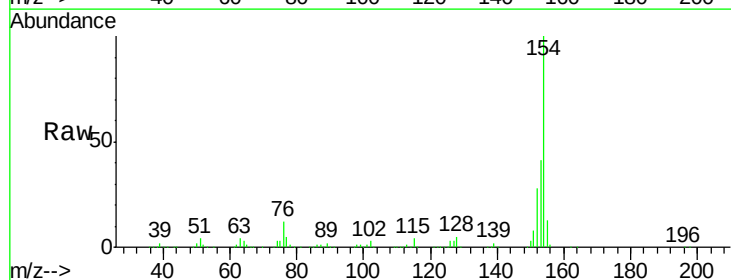


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

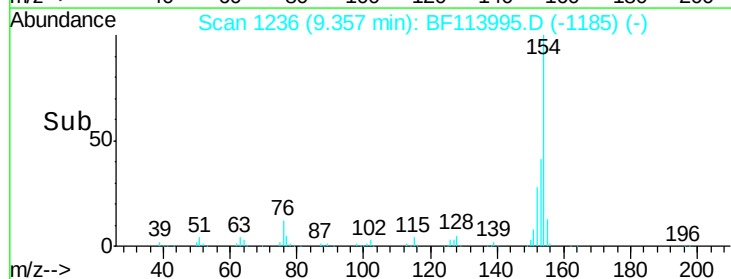
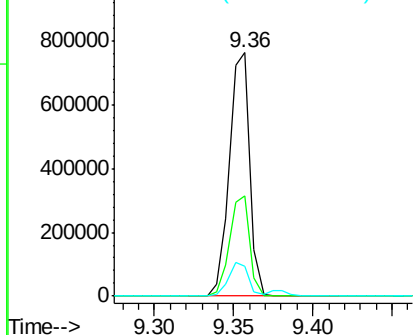


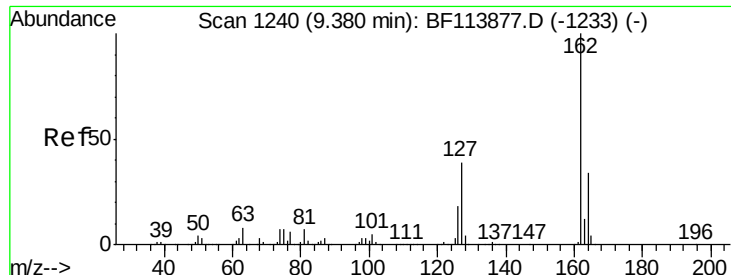
#46
1,1'-Biphenyl
Concen: 37.892 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion:154 Resp: 680868
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 12.2 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

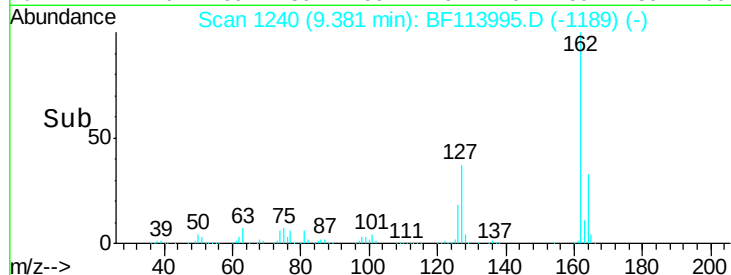
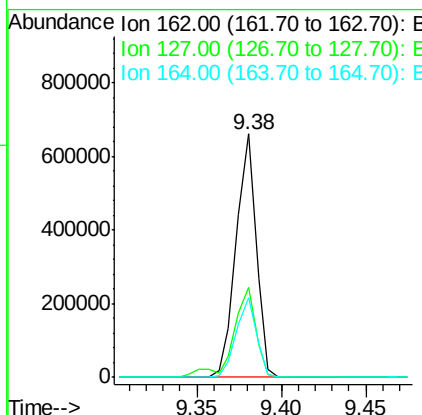
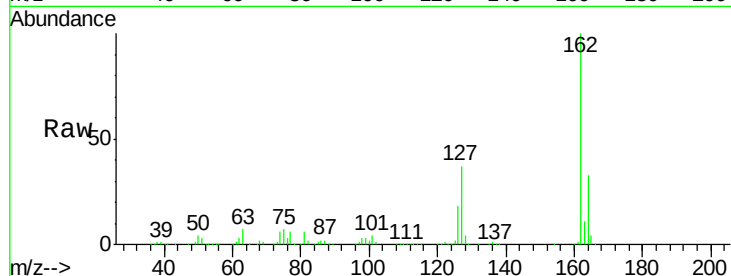




#47
 2-Chloronaphthalene
 Concen: 37.601 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

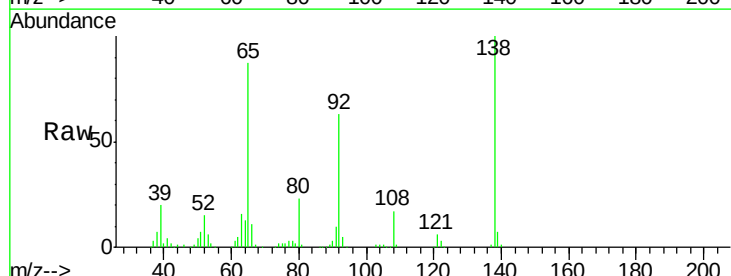
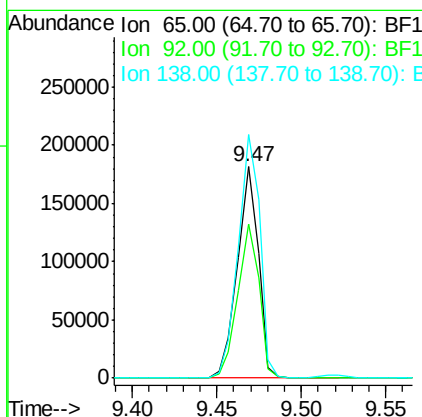
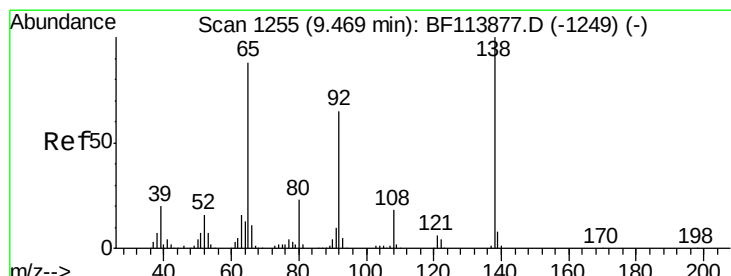
Instrument :
 BNA_F
 ClientSampleId :

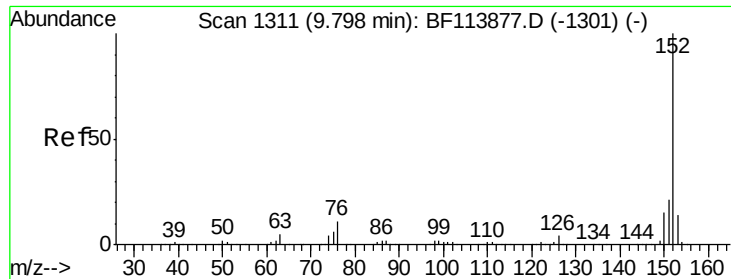
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	29.3	43.9
164	32.9	27.1	40.7



#48
 2-Nitroaniline
 Concen: 41.048 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	57.4	86.0
138	115.3	85.4	128.0





#49

Acenaphthylene

Concen: 37.422 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

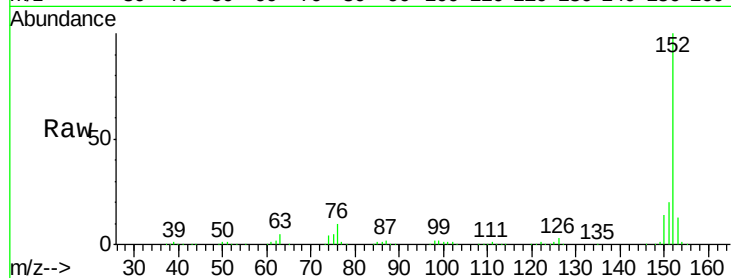
Tot Ion:152 Resp: 856088

Ion Ratio Lower Upper

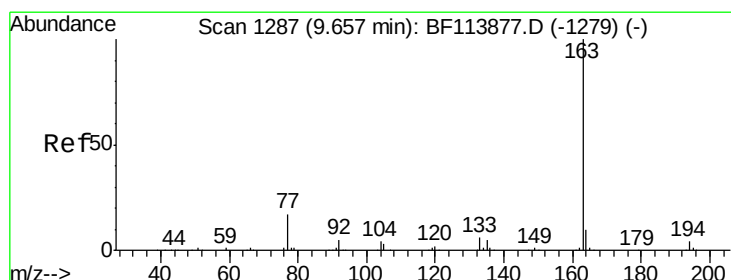
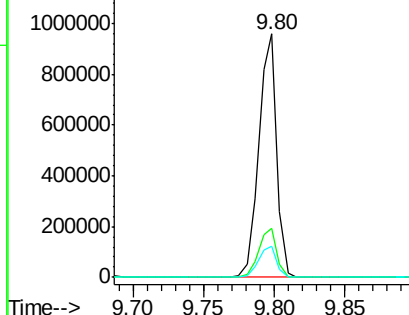
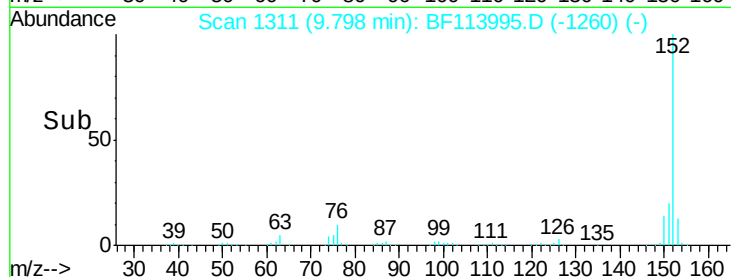
152 100

151 20.0 17.0 25.4

153 12.9 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: 51.142 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

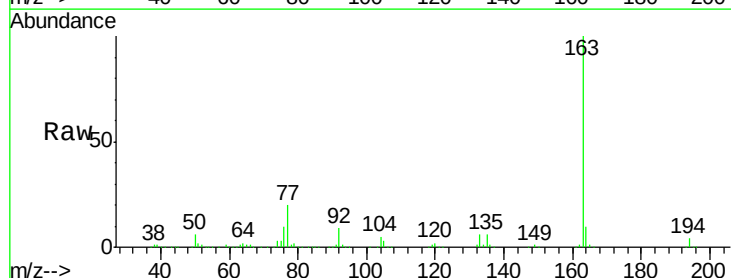
Tgt Ion:163 Resp: 870000

Ion Ratio Lower Upper

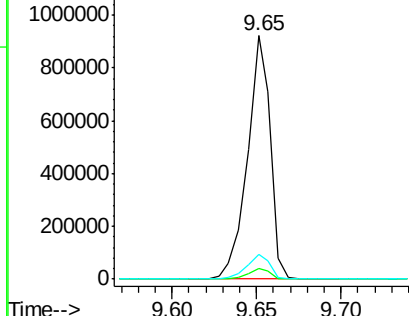
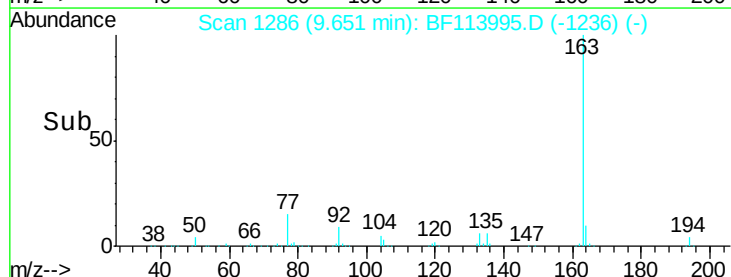
163 100

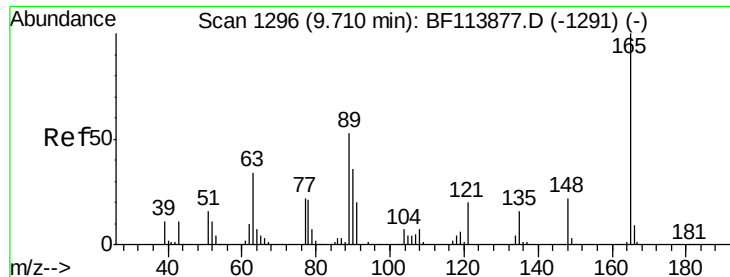
194 4.3 3.4 5.2

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: 41.556 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampled :

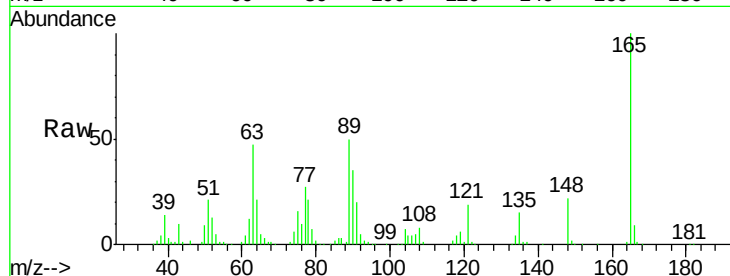
Tot Ion:165 Resp: 151661

Ion Ratio Lower Upper

165 100

63 46.8 33.8 50.8

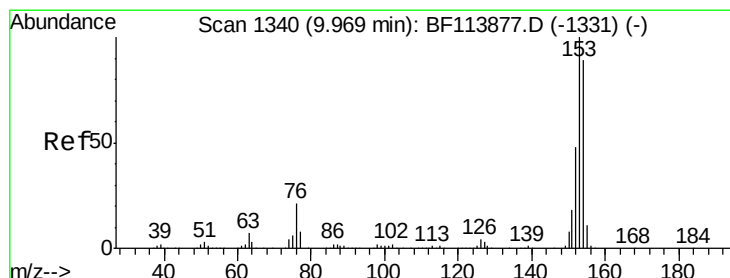
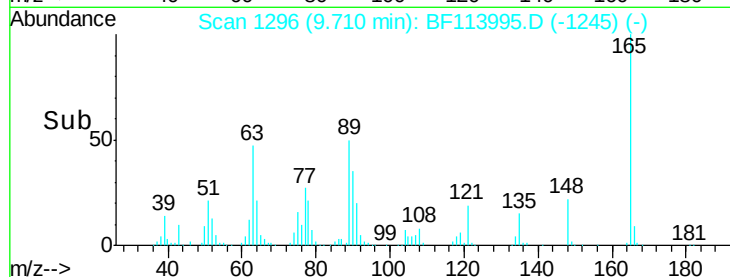
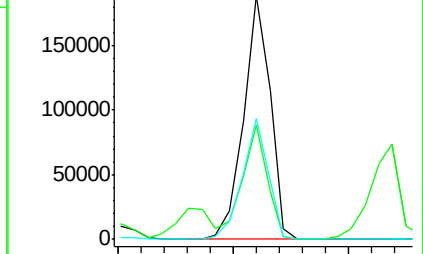
89 49.5 38.2 57.2



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: 40.967 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

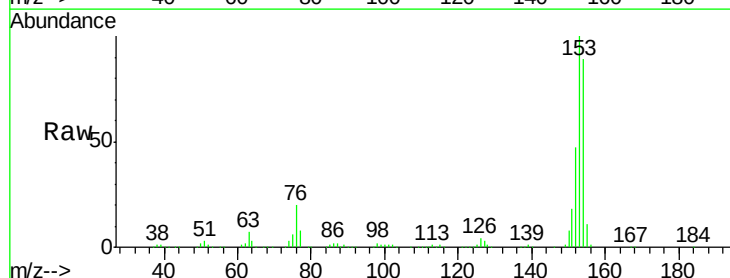
Tgt Ion:154 Resp: 553858

Ion Ratio Lower Upper

154 100

153 112.8 87.2 130.8

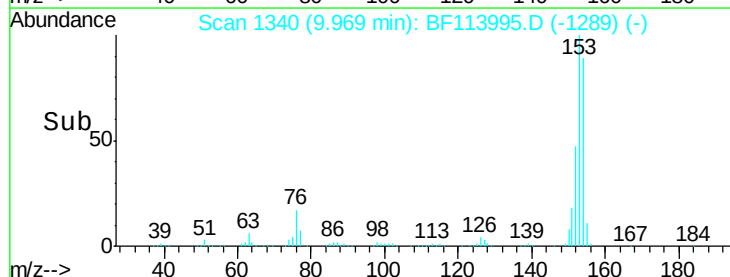
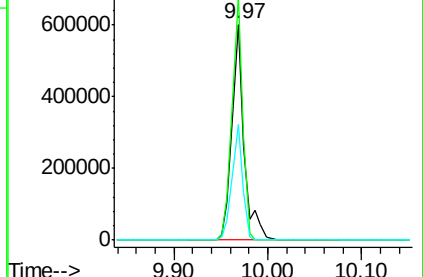
152 53.3 42.3 63.5

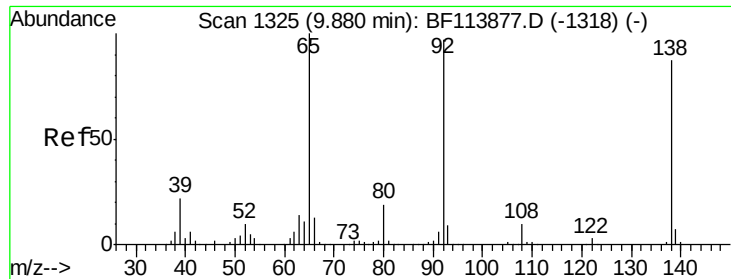


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

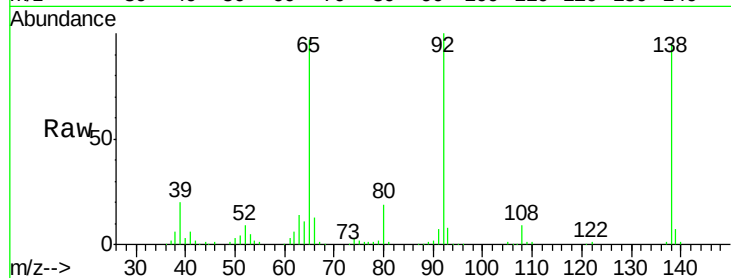




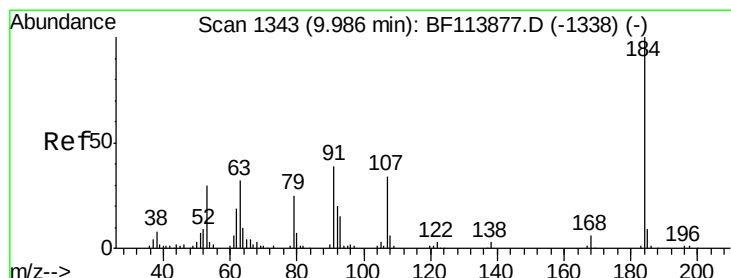
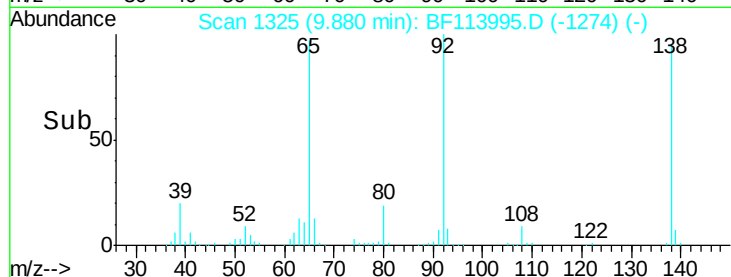
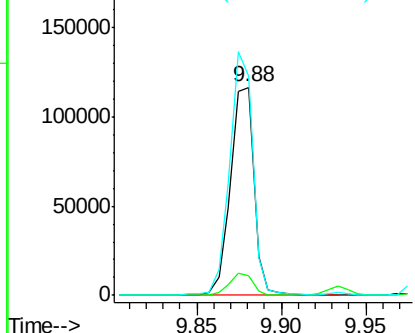
#53
3-Nitroaniline
Concen: 29.520 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 113211
Ion Ratio Lower Upper
138 100
108 9.3 9.4 14.2#
92 105.1 94.1 141.1

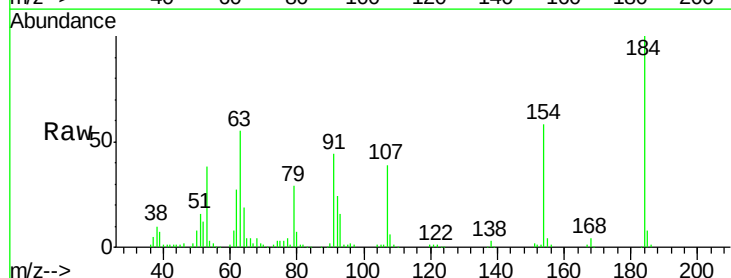


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

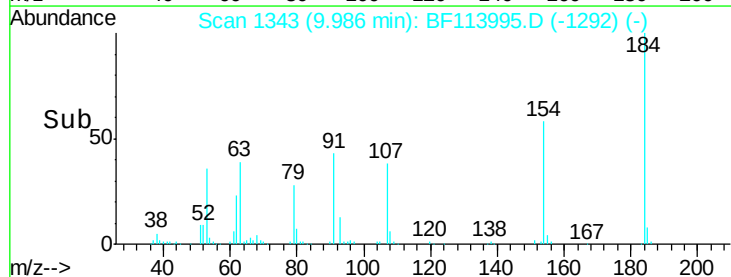
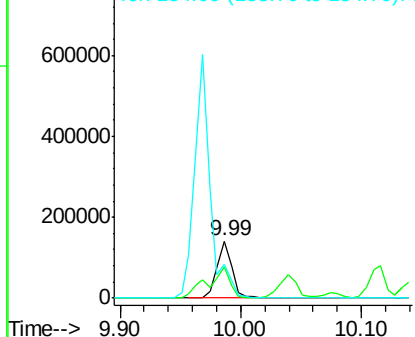


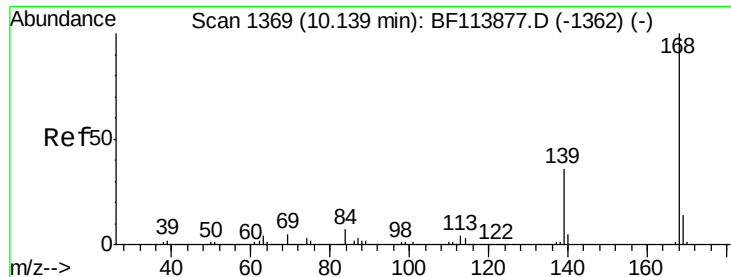
#54
2,4-Dinitrophenol
Concen: 76.853 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion:184 Resp: 120774
Ion Ratio Lower Upper
184 100
63 55.4 54.6 81.8
154 58.1 218.6 328.0#



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

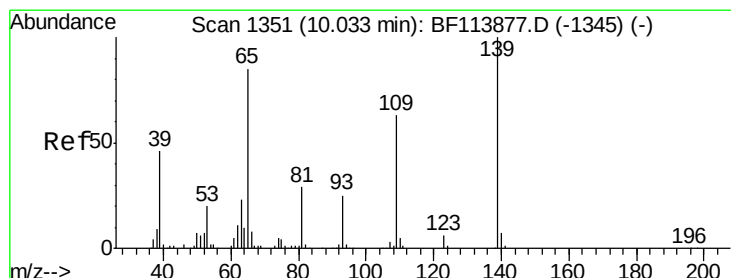
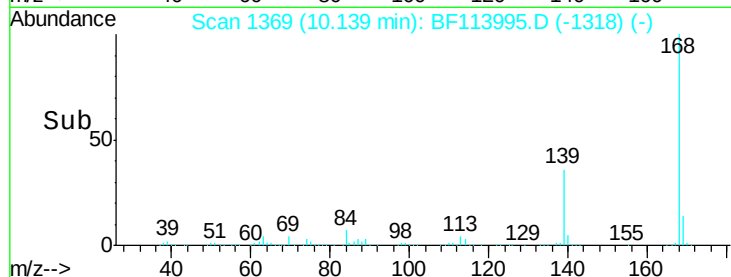
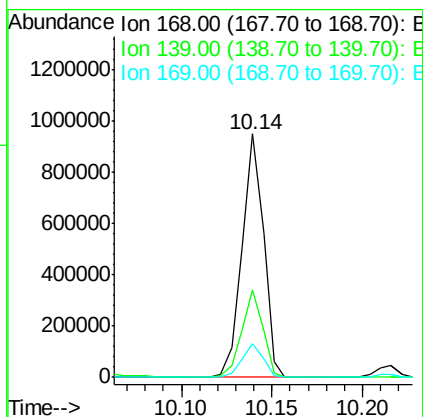
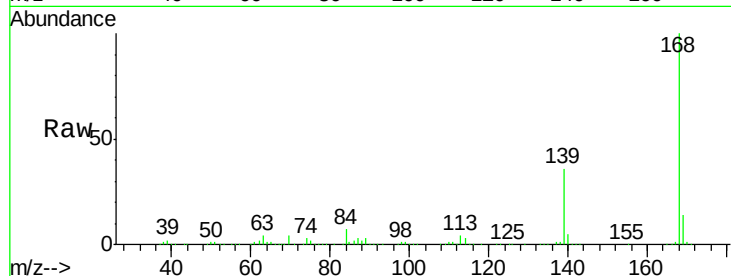




#55
Dibenzofuran
Concen: 38.653 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

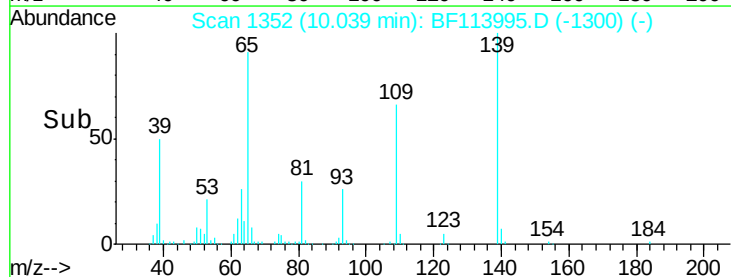
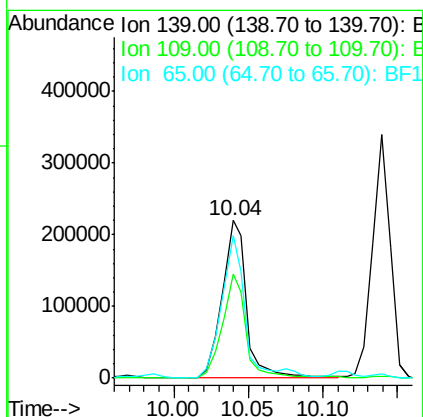
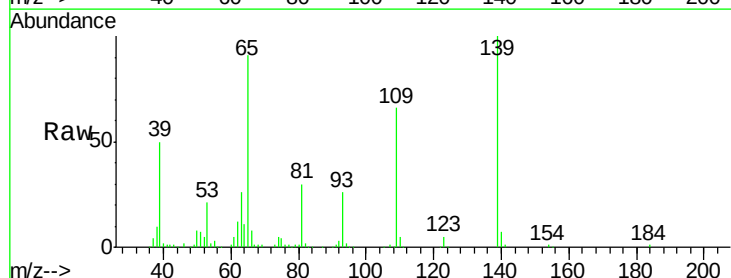
Instrument :
BNA_F
ClientSampleId :

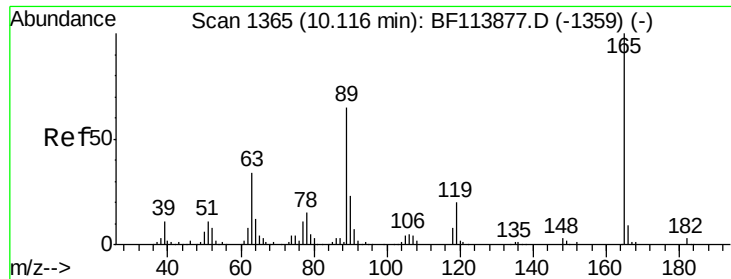
Tot Ion:168 Resp: 782763
Ion Ratio Lower Upper
168 100
139 35.8 27.8 41.6
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 84.384 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion:139 Resp: 256231
Ion Ratio Lower Upper
139 100
109 66.1 42.9 82.9
65 90.7 64.4 104.4

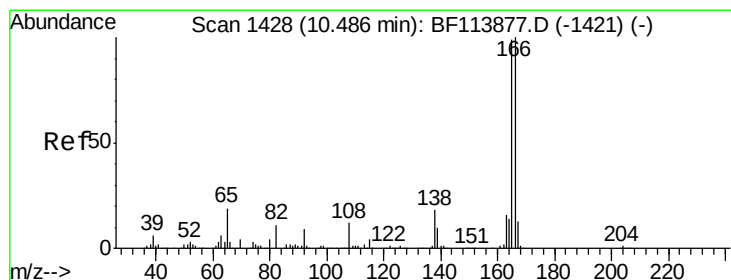
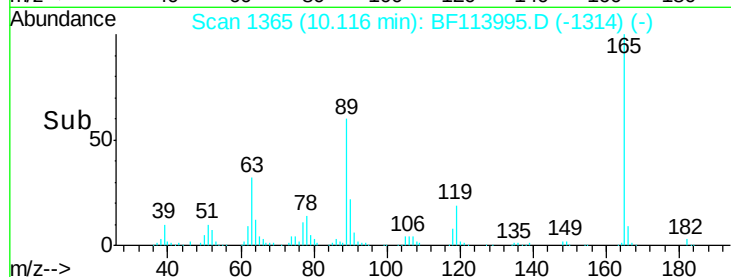
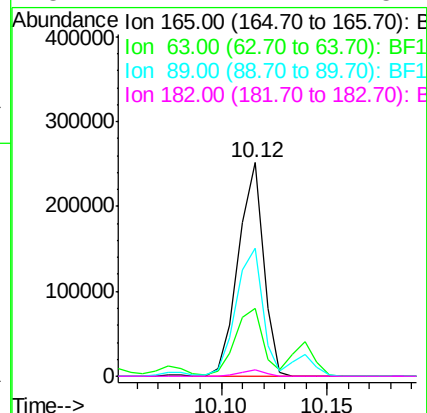
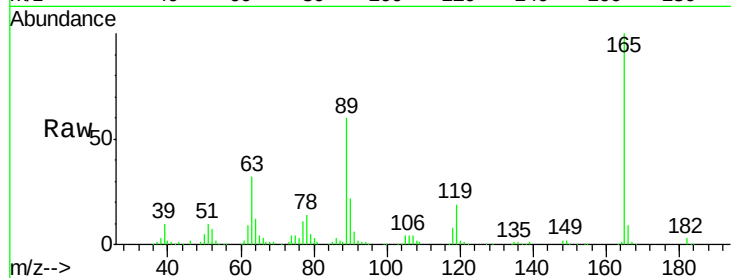




#57
2,4-Dinitrotoluene
Concen: 45.183 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

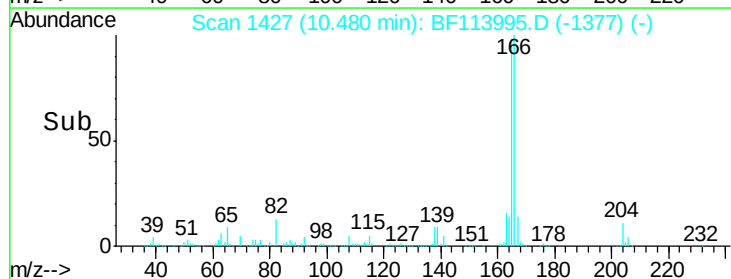
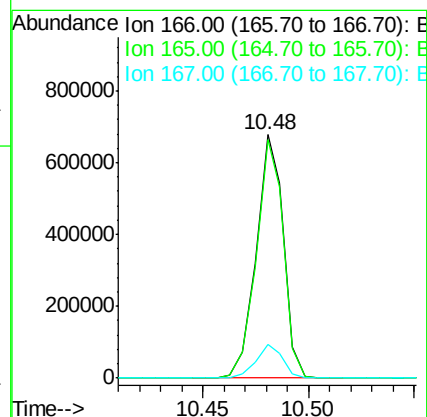
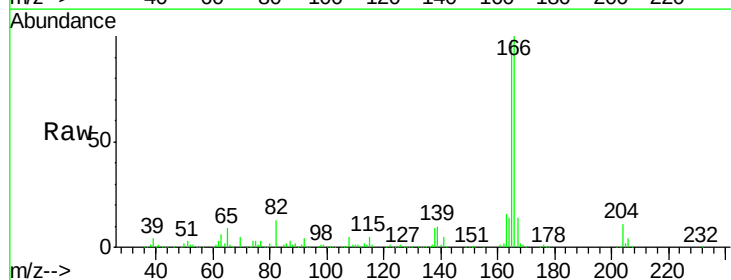
Instrument :
BNA_F
ClientSampleId :

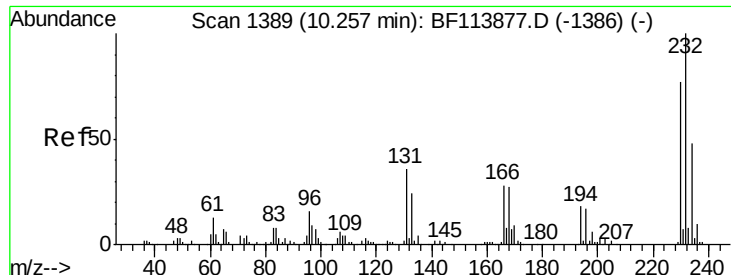
Tot Ion:165	Resp:	208138
Ion Ratio	Lower	Upper
165	100	
63	31.9	27.4 41.0
89	60.1	51.8 77.6
182	2.7	2.2 3.2



#58
Fluorene
Concen: 39.587 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion:166	Resp:	603575
Ion Ratio	Lower	Upper
166	100	
165	97.9	78.4 117.6
167	13.7	10.9 16.3

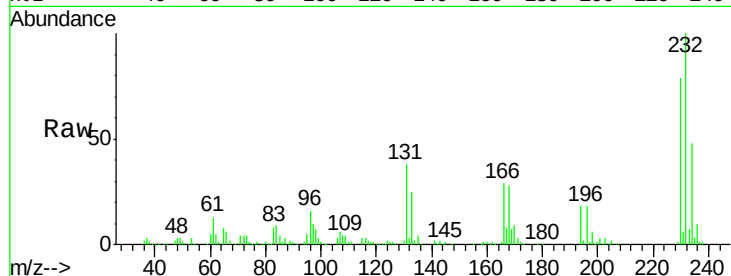




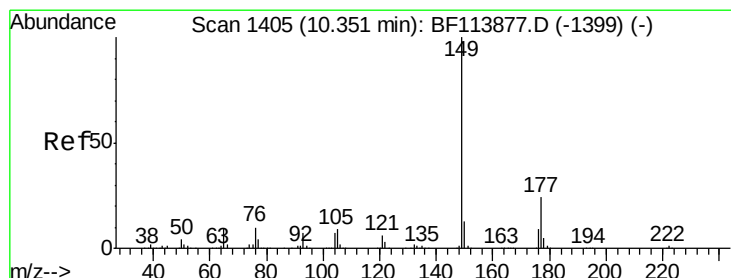
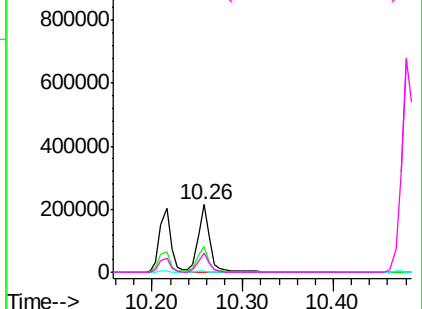
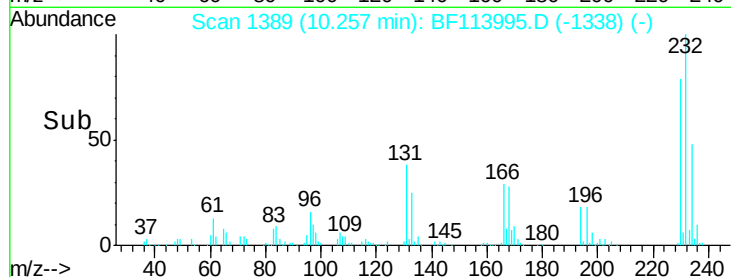
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.467 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 193528
 Ion Ratio Lower Upper
 232 100
 131 37.0 30.2 45.2
 130 1.9 1.5 2.3
 166 27.9 22.2 33.4

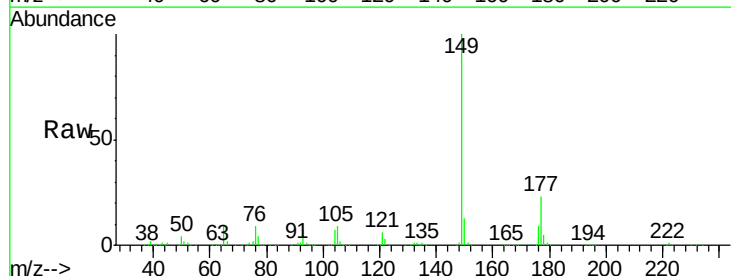


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

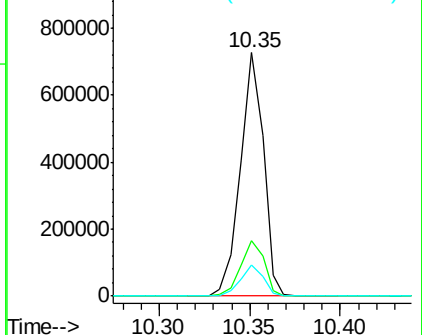
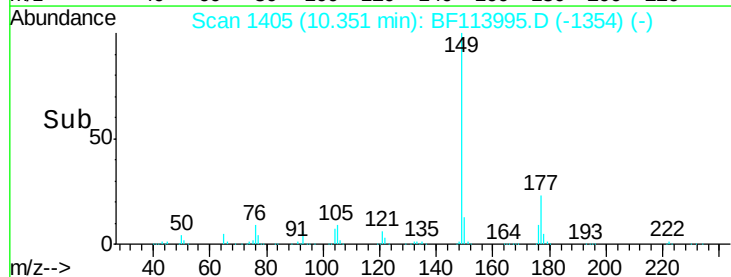


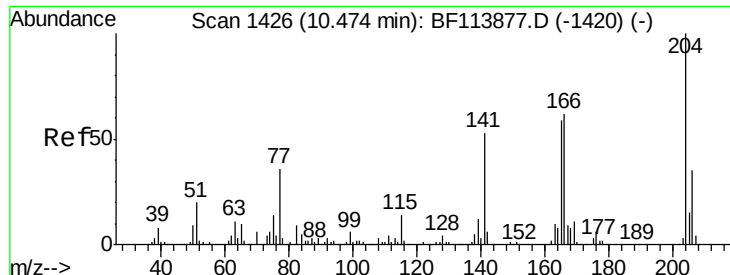
#60
 Diethylphthalate
 Concen: 39.977 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

Tgt Ion:149 Resp: 645795
 Ion Ratio Lower Upper
 149 100
 177 23.0 19.2 28.8
 150 12.7 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

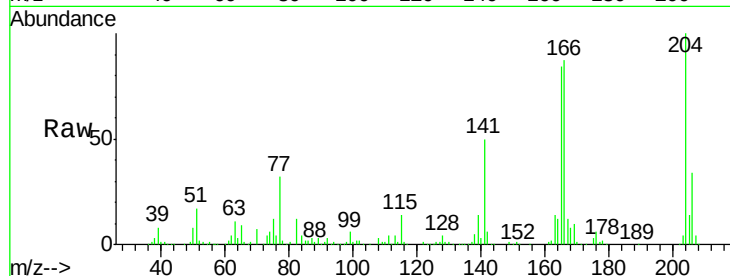




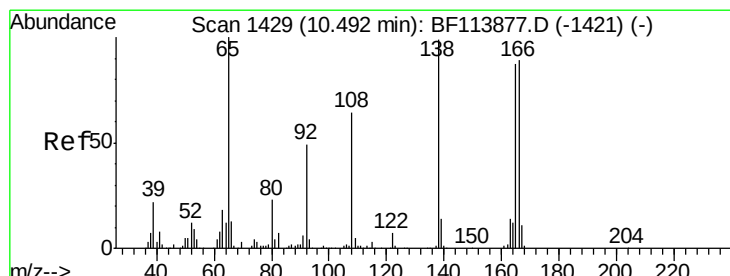
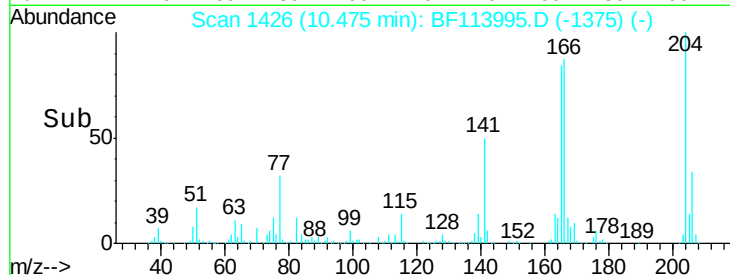
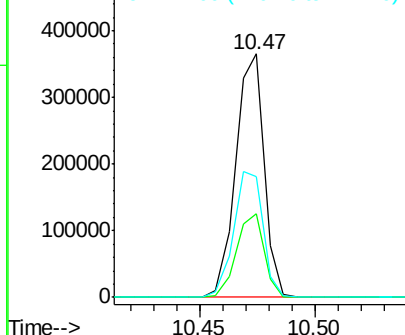
#61
 4-Chlorophenyl-phenylether
 Concen: 38.653 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 312106
 Ion Ratio Lower Upper
 204 100
 206 34.1 27.4 41.2
 141 49.7 42.6 63.8

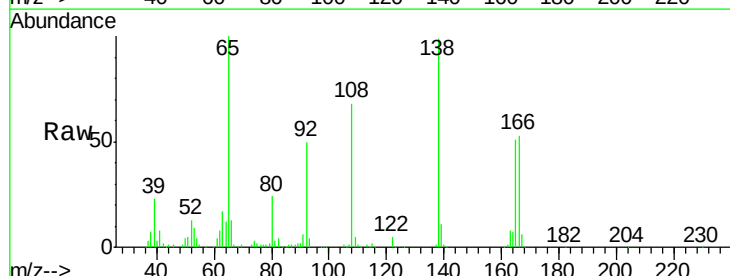


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

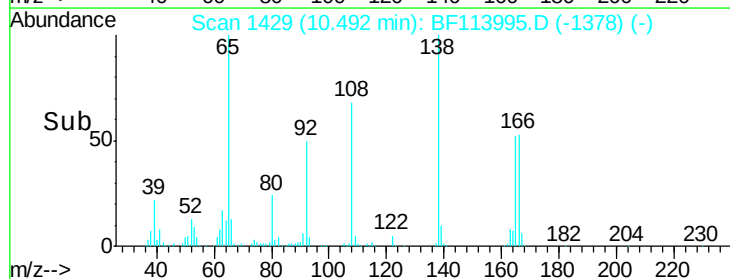
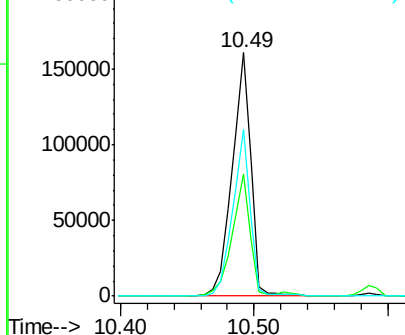


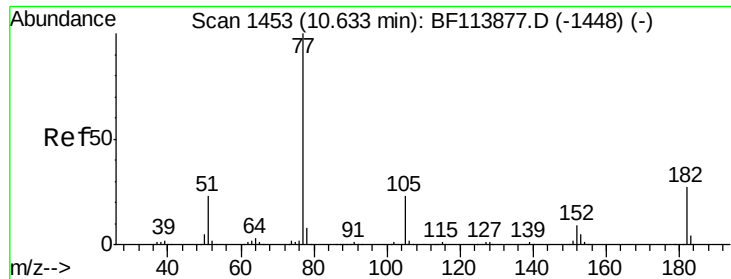
#62
 4-Nitroaniline
 Concen: 42.753 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

Tgt Ion:138 Resp: 160003
 Ion Ratio Lower Upper
 138 100
 92 49.9 31.3 71.3
 108 68.5 48.9 88.9



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





#63

Azobenzene

Concen: 37.634 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 589212

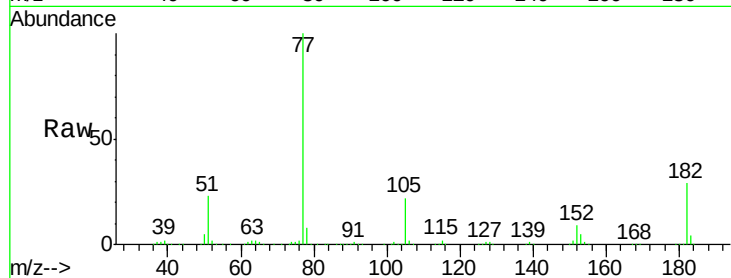
Ion Ratio Lower Upper

77 100

182 28.7 4.4 44.4

105 22.2 2.2 42.2

51 22.6 3.9 43.9

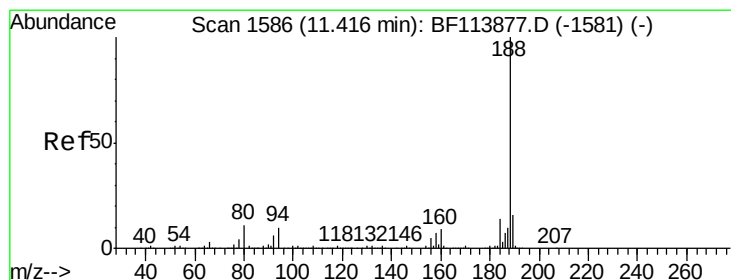
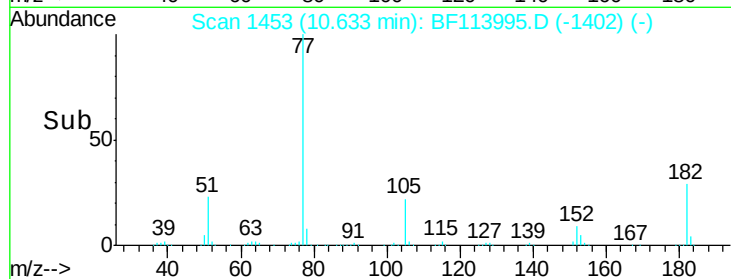
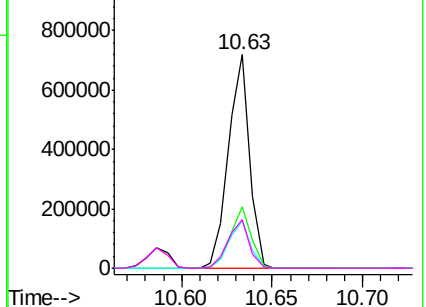


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

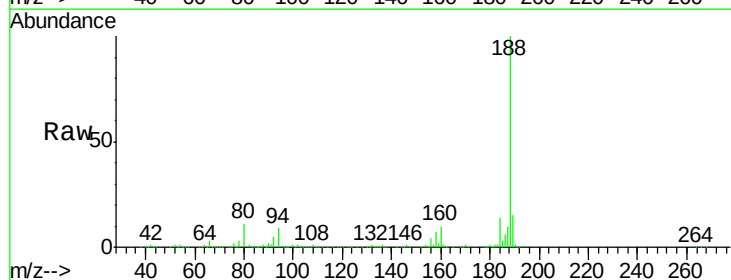
Tgt Ion: 188 Resp: 502702

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.4

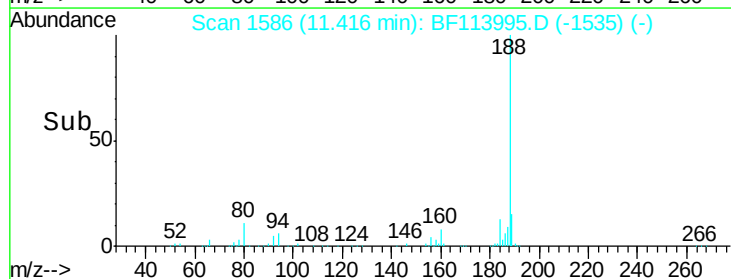
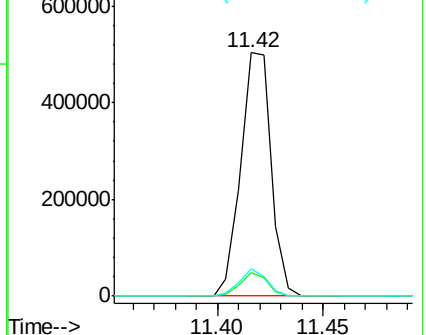
80 11.0 9.0 13.6

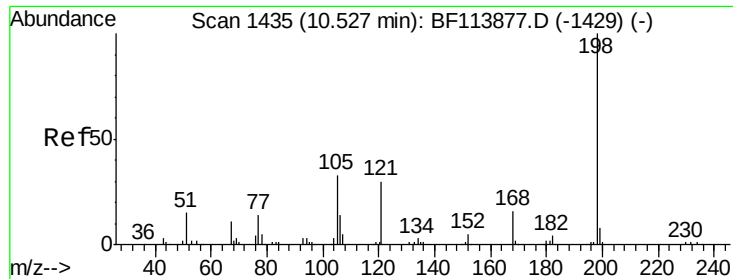


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.122 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

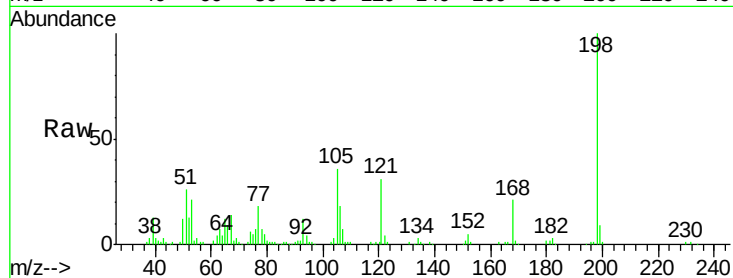
Tot Ion:198 Resp: 89185

Ion Ratio Lower Upper

198 100

51 26.4 11.1 51.1

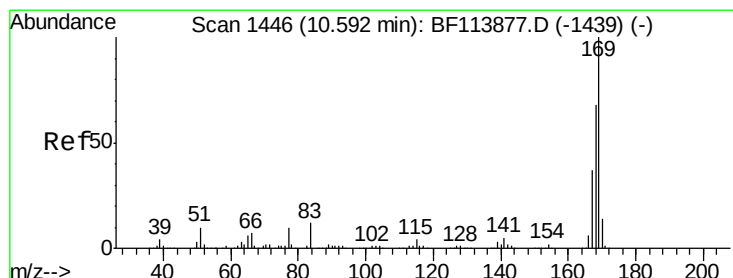
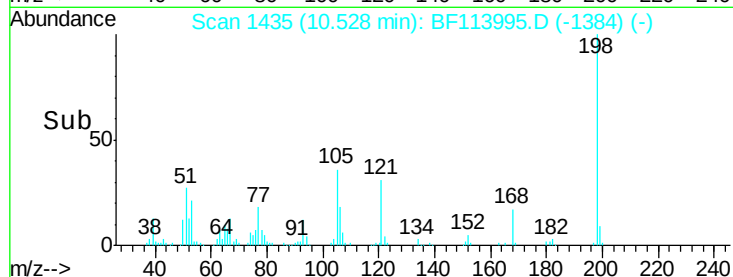
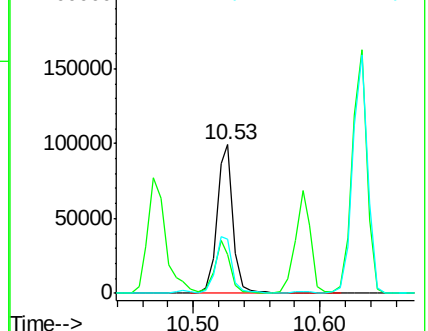
105 36.0 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.030 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

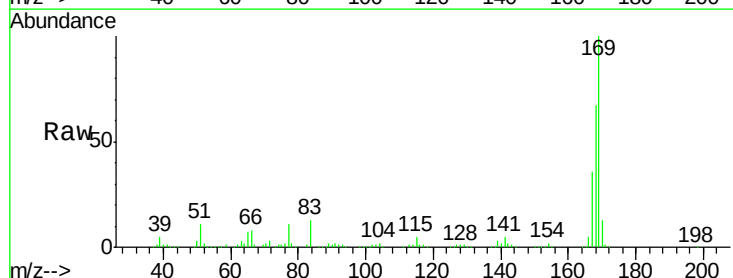
Tgt Ion:169 Resp: 558549

Ion Ratio Lower Upper

169 100

168 66.9 54.3 81.5

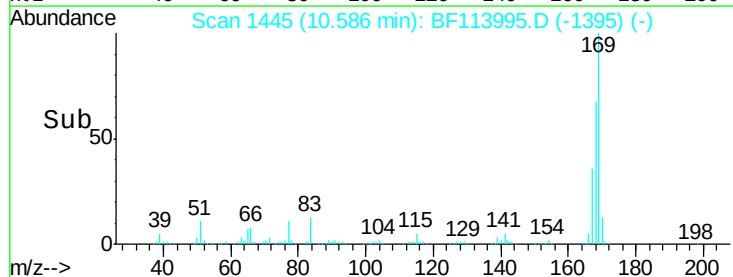
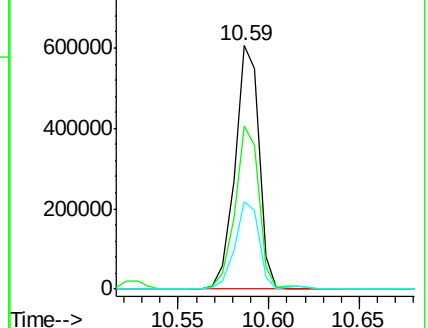
167 35.8 29.4 44.0

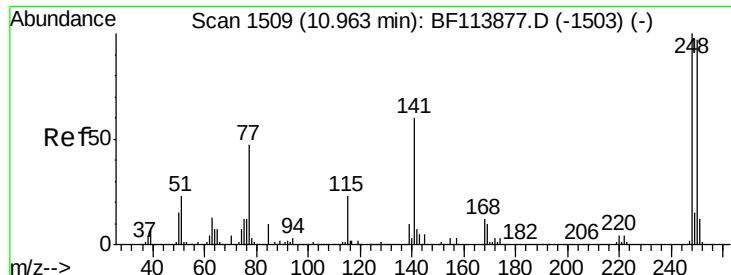


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

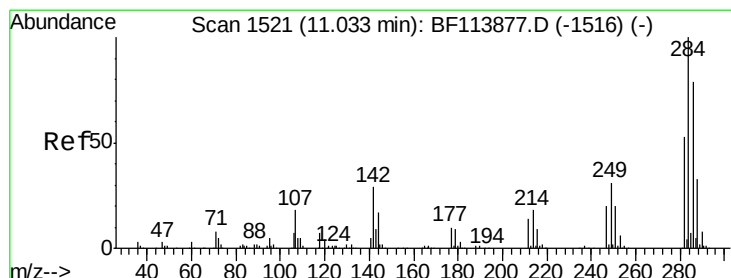
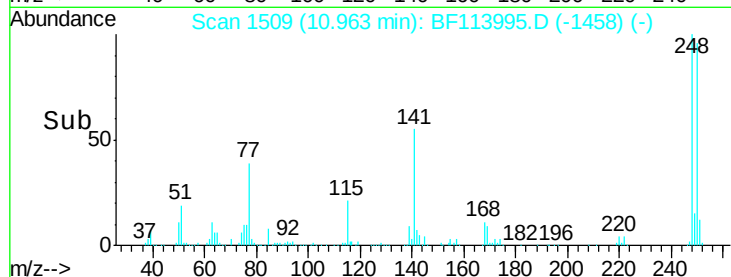
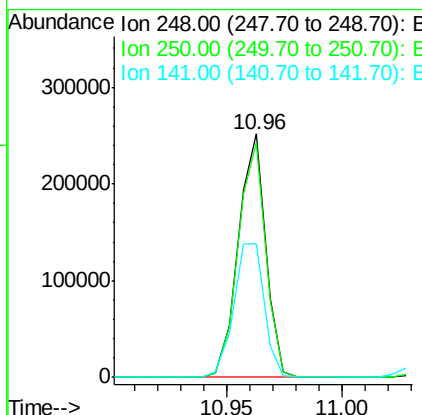
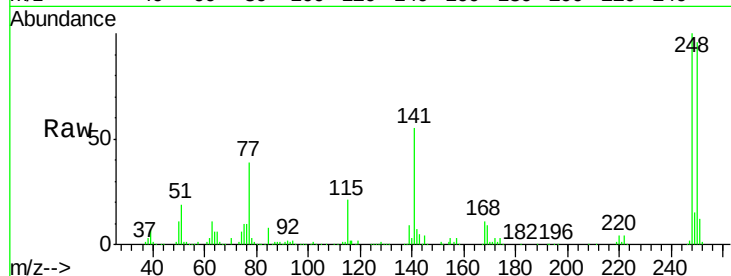




#67
 4-Bromophenyl-phenylether
 Concen: 34.416 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

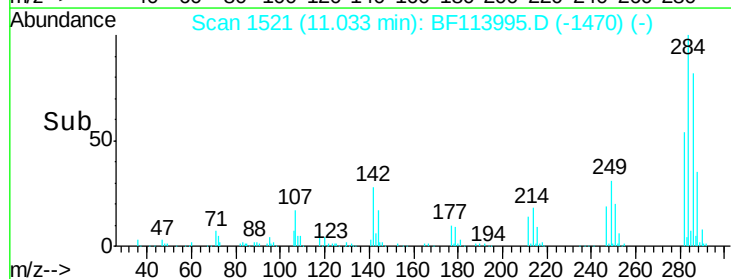
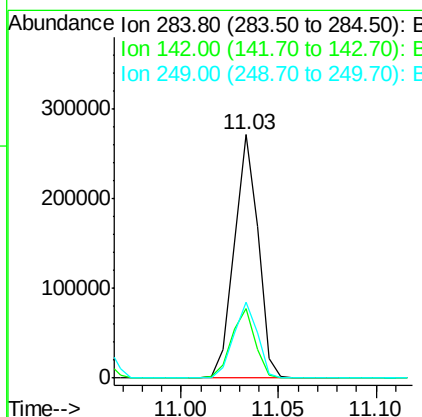
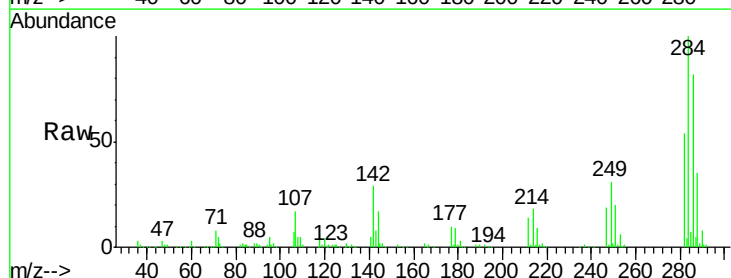
Instrument :
 BNA_F
 ClientSampleId :

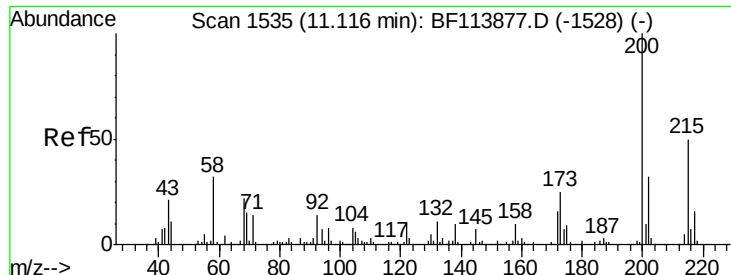
Tot Ion:248 Resp: 209002
 Ion Ratio Lower Upper
 248 100
 250 96.2 75.8 113.6
 141 54.9 50.2 75.4



#68
 Hexachlorobenzene
 Concen: 34.487 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

Tgt Ion:284 Resp: 230147
 Ion Ratio Lower Upper
 284 100
 142 28.7 23.0 34.4
 249 31.0 24.4 36.6





#69

Atrazine

Concen: 40.199 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

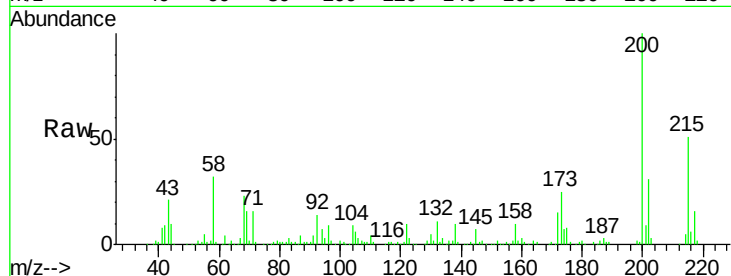
Tot Ion:200 Resp: 197246

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

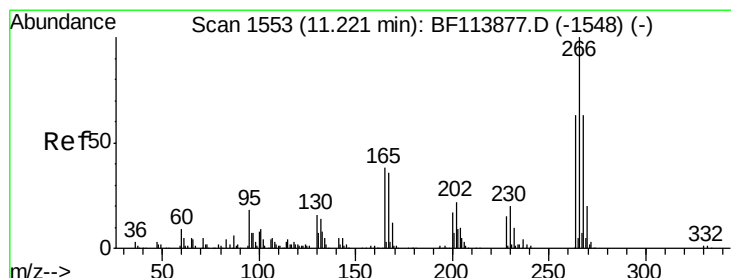
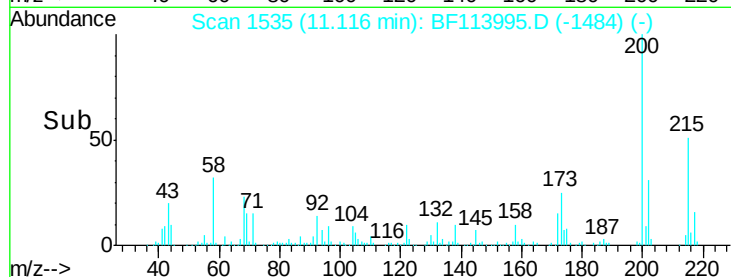
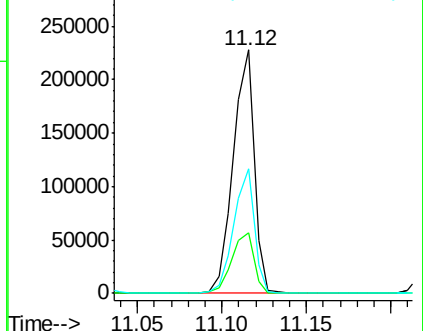
215 50.9 29.3 69.3



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: 71.903 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

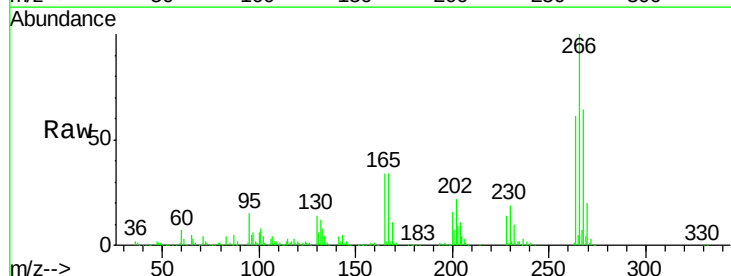
Tgt Ion:266 Resp: 271678

Ion Ratio Lower Upper

266 100

268 63.8 53.5 80.3

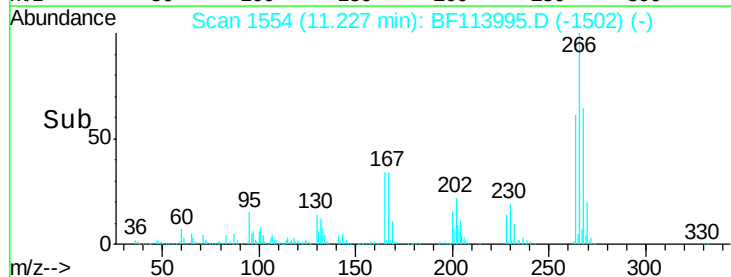
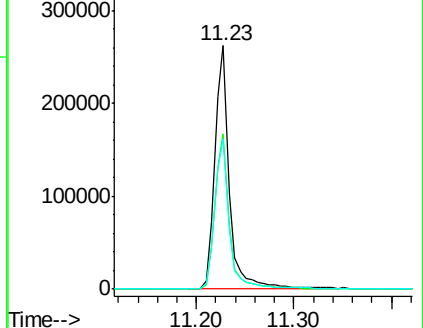
264 61.5 51.0 76.6

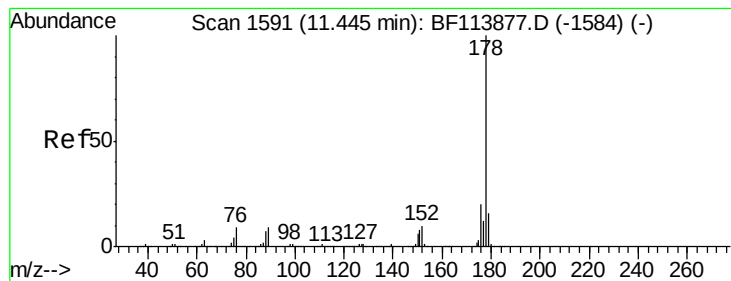


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.666 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

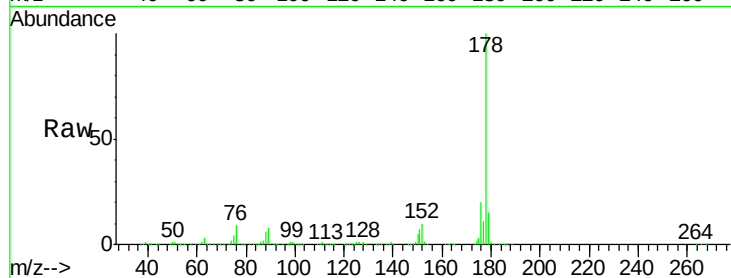
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 976840

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	15.3	12.8	19.2

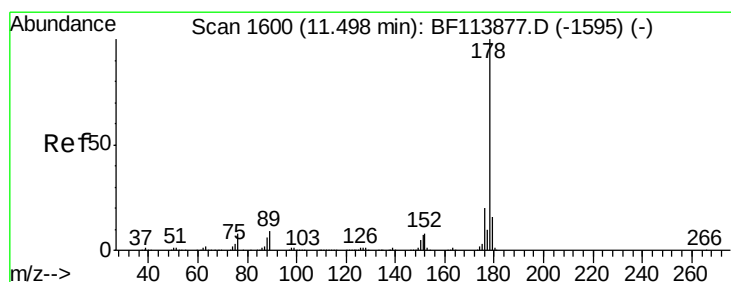
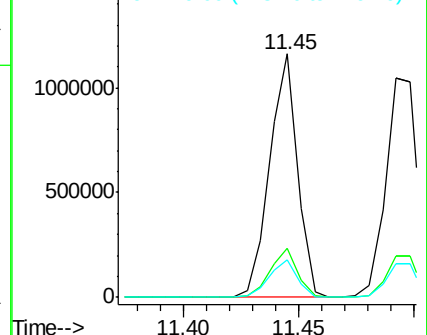
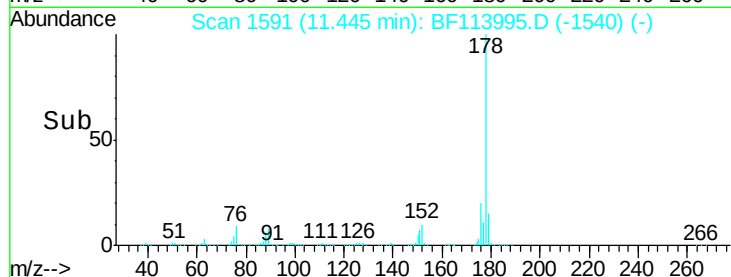


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.620 ng

RT: 11.49 min Scan# 1599

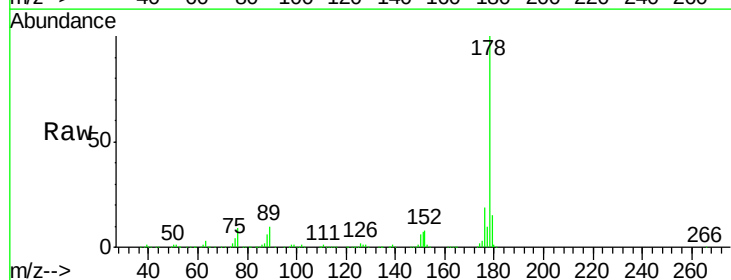
Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Tgt Ion:178 Resp: 985270

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.5	13.0	19.4

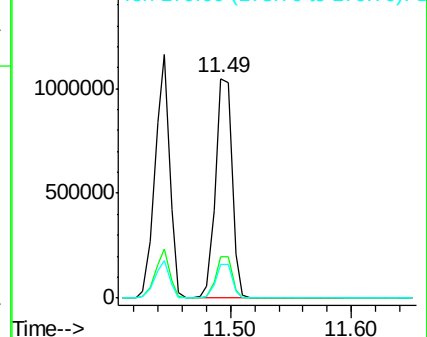
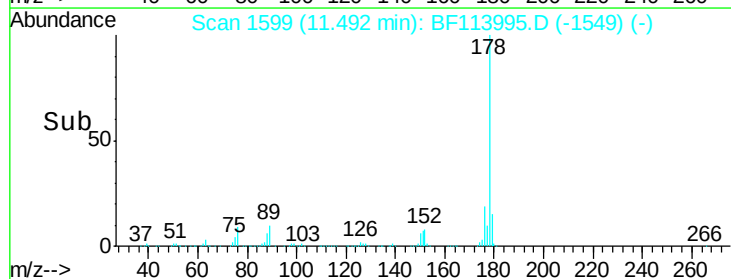


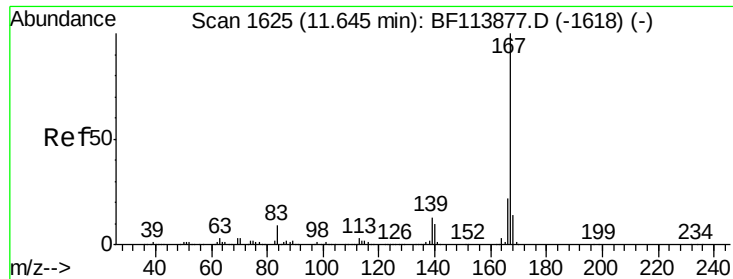
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

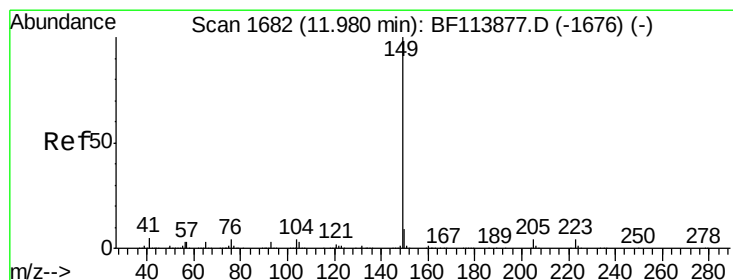
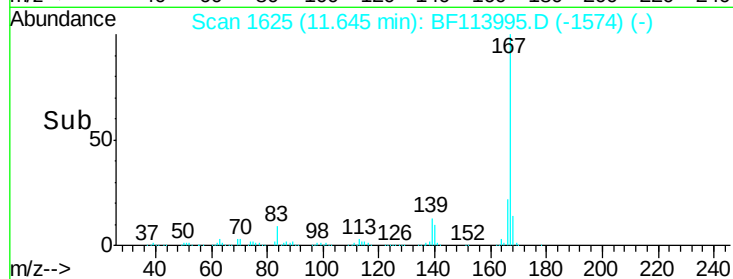
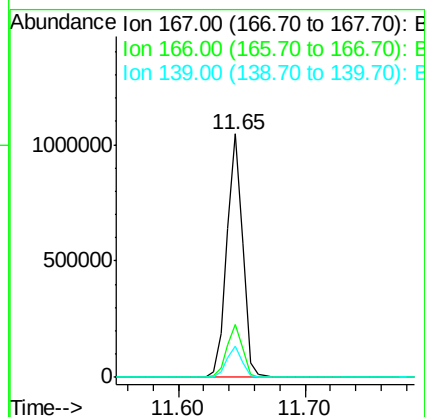
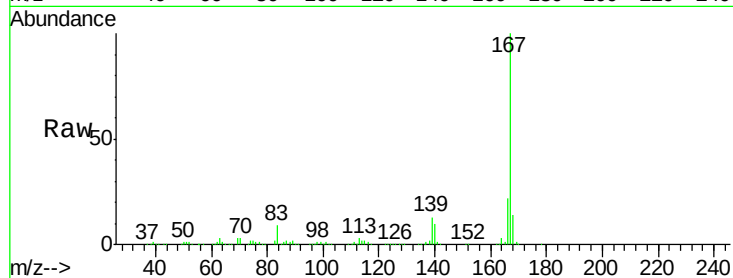




#73
 Carbazole
 Concen: 39.778 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

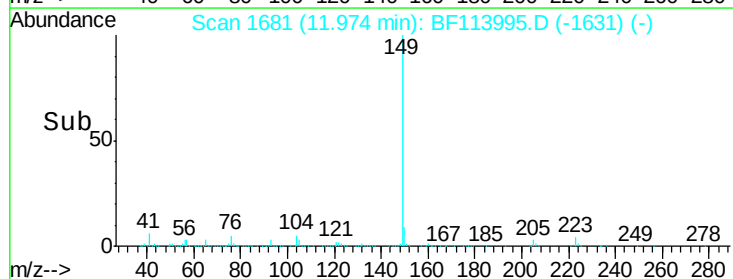
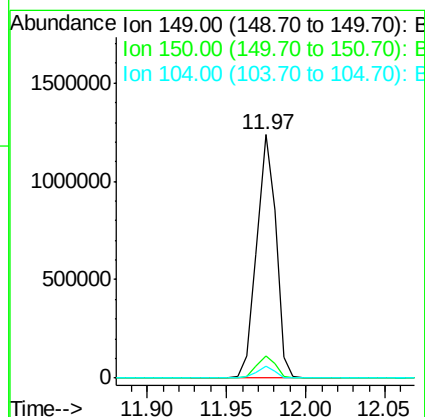
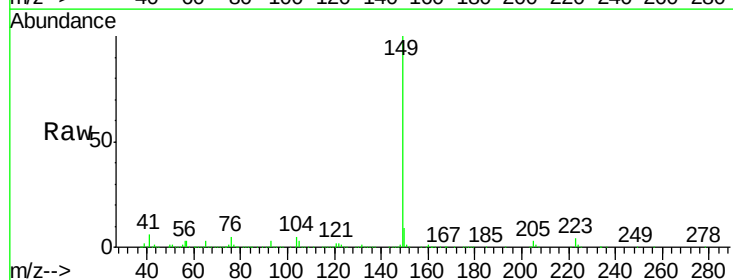
Instrument :
 BNA_F
 ClientSampleId :

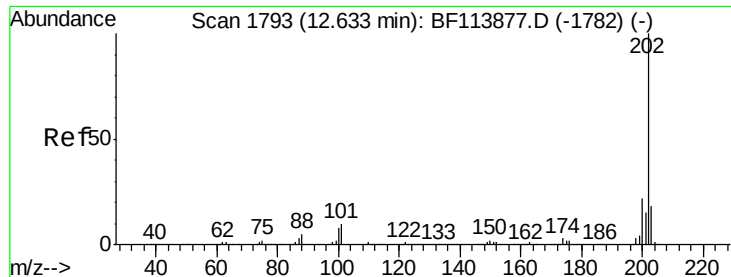
Tot Ion:167 Resp: 905373
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 38.901 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113995.D
 Acq: 25 Apr 2019 23:05

Tgt Ion:149 Resp: 1041529
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 40.091 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

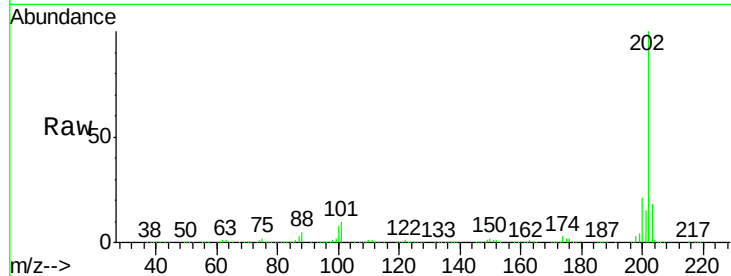
Tot Ion:202 Resp: 1105047

Ion Ratio Lower Upper

202 100

101 10.4 0.0 32.9

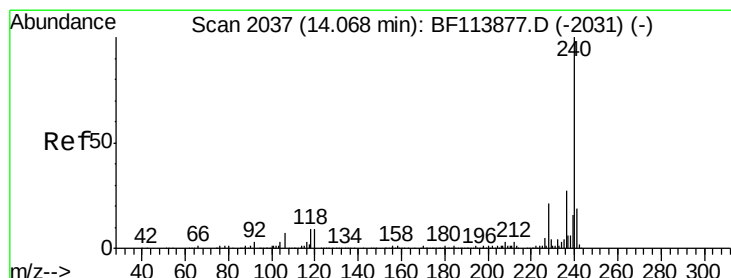
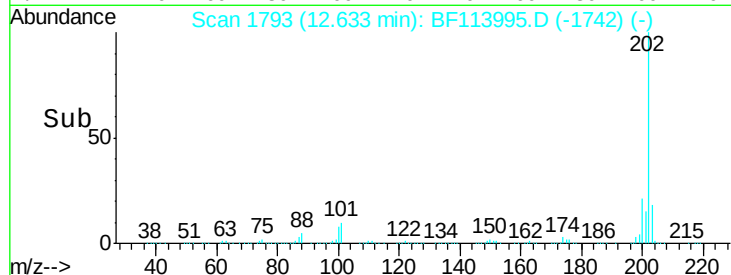
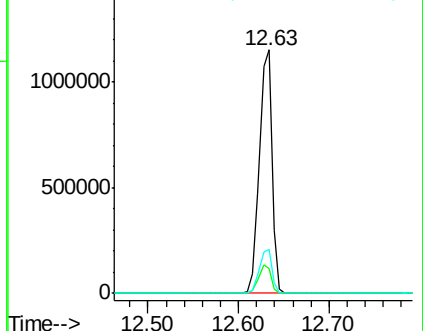
203 18.1 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

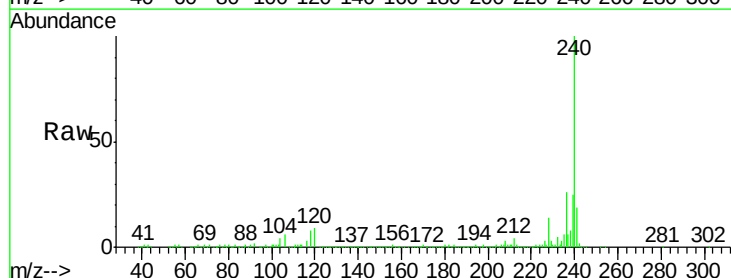
Tgt Ion:240 Resp: 433812

Ion Ratio Lower Upper

240 100

120 8.8 9.3 13.9#

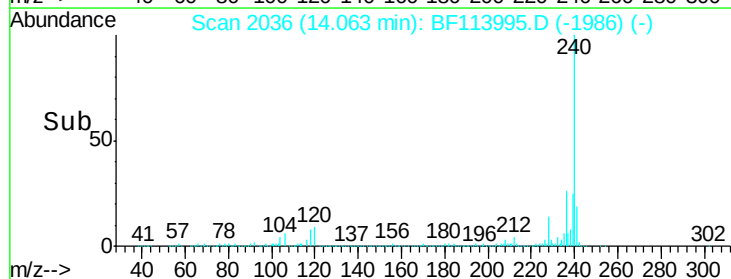
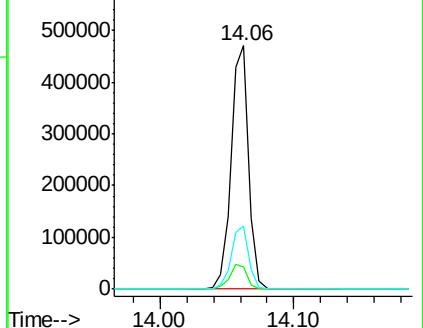
236 26.1 21.2 31.8

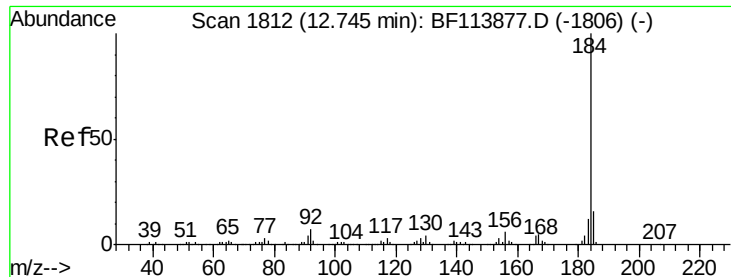


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.071 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

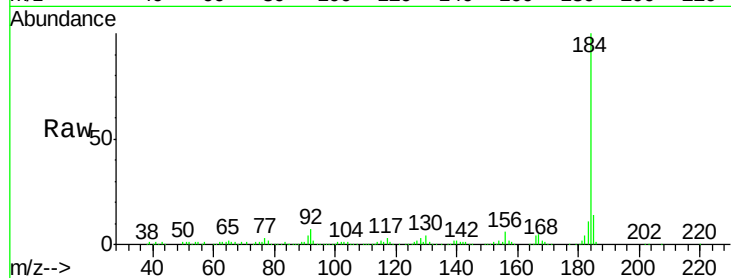
Tot Ion:184 Resp: 336991

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.6

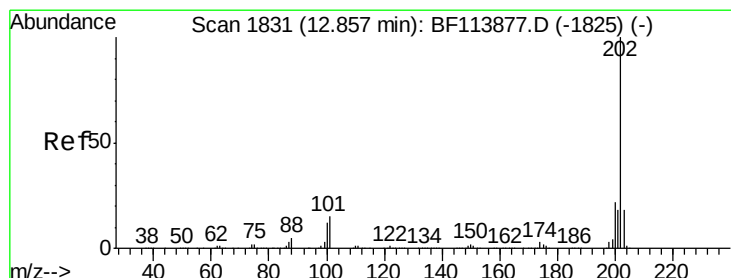
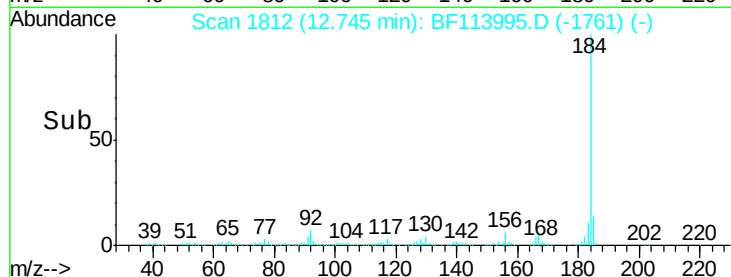
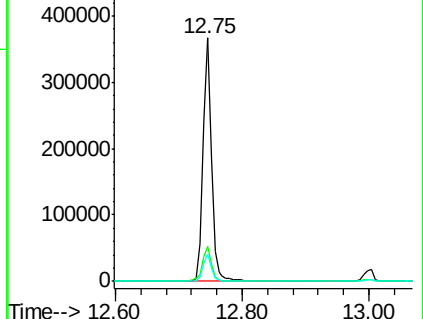
183 11.3 9.4 14.0



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: 37.039 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

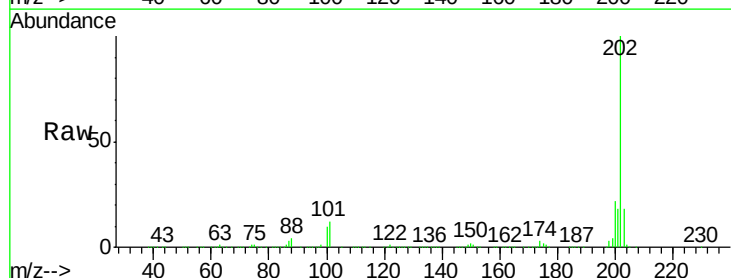
Tgt Ion:202 Resp: 1123665

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

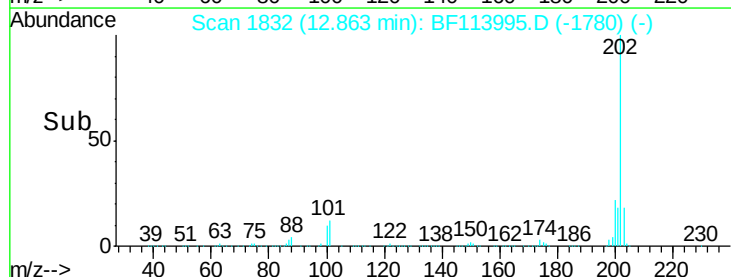
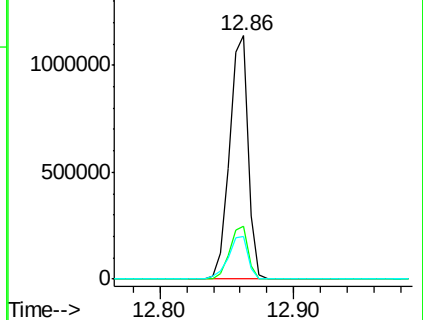
203 17.7 15.0 22.6

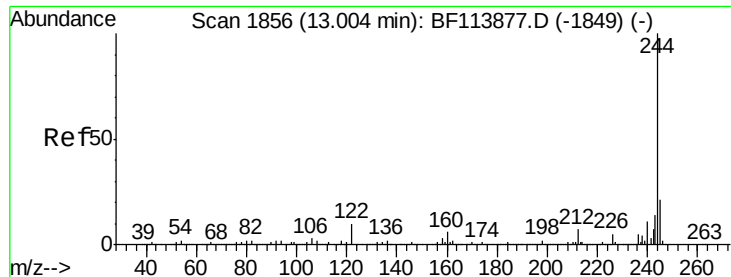


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.789 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

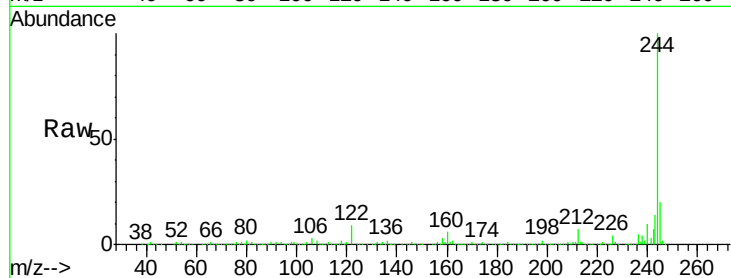
Tot Ion:244 Resp: 1497903

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

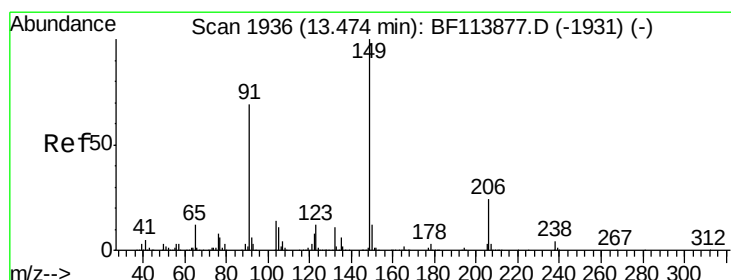
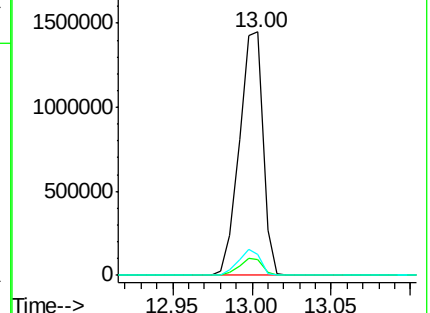
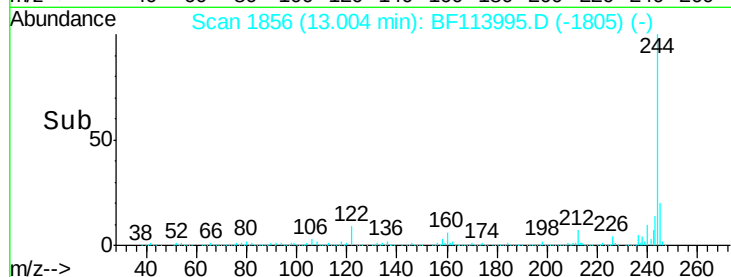
122 8.8 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.546 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

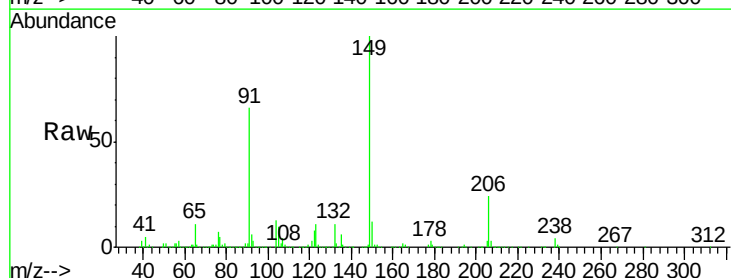
Tgt Ion:149 Resp: 472020

Ion Ratio Lower Upper

149 100

91 65.8 56.3 84.5

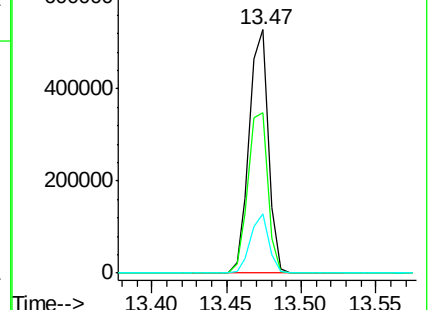
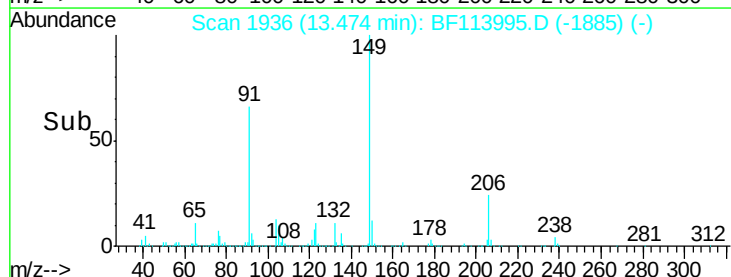
206 24.2 19.0 28.6

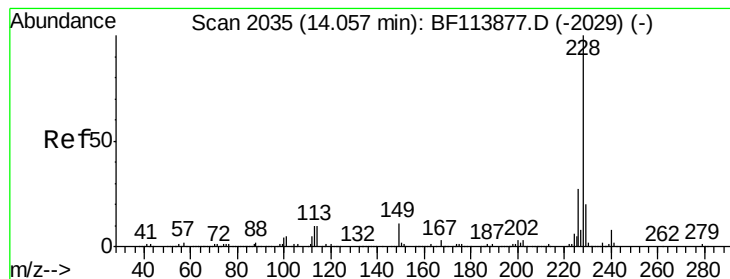


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.933 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

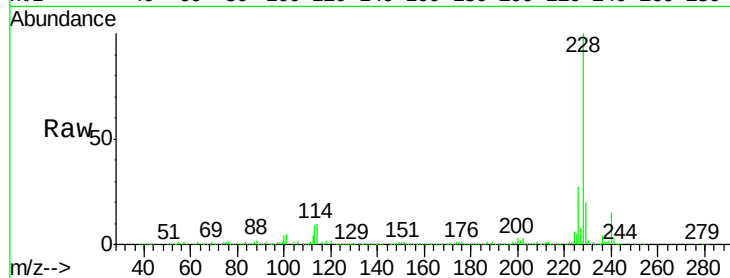
Tot Ion:228 Resp: 1020675

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

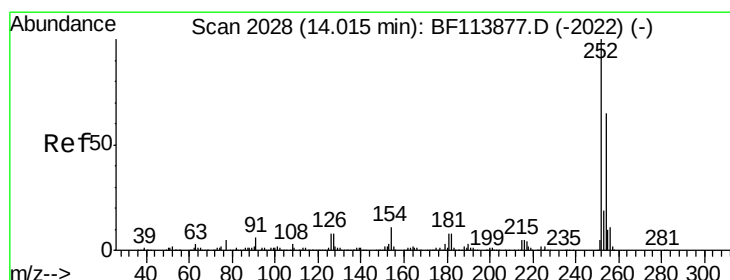
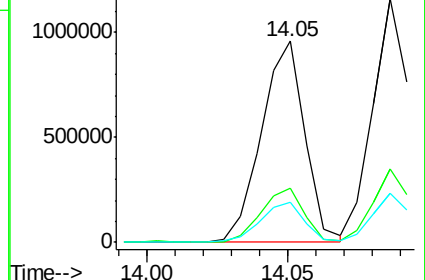
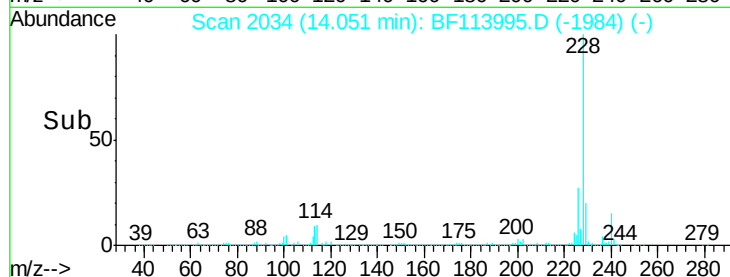
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.416 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

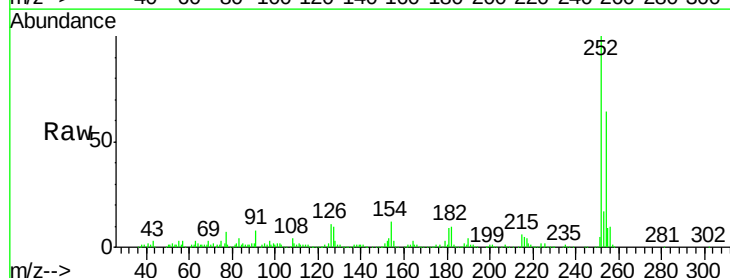
Tgt Ion:252 Resp: 303678

Ion Ratio Lower Upper

252 100

254 63.8 52.1 78.1

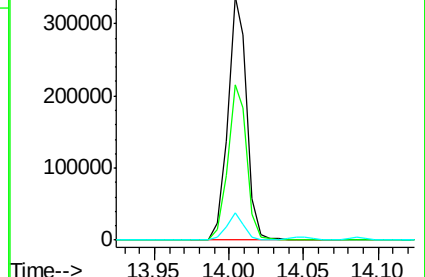
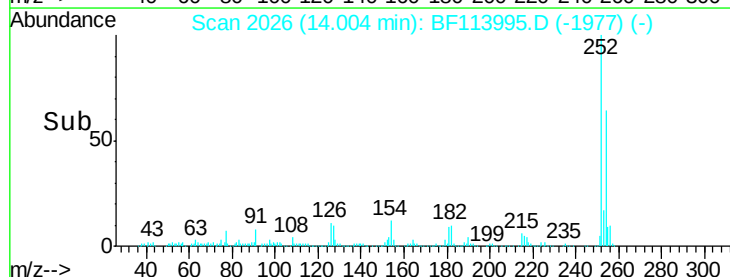
126 11.1 9.3 13.9

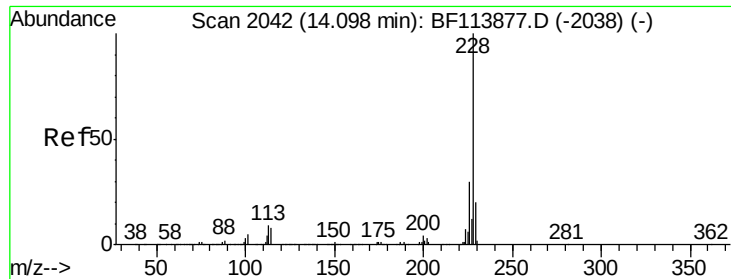


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.374 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

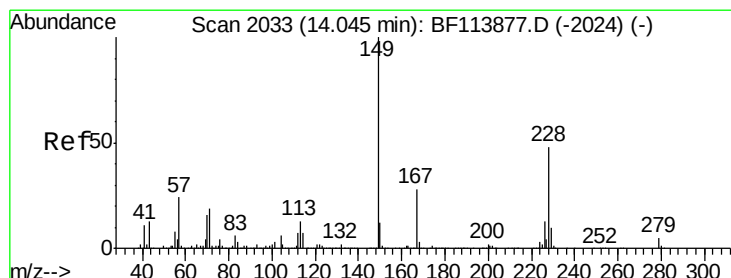
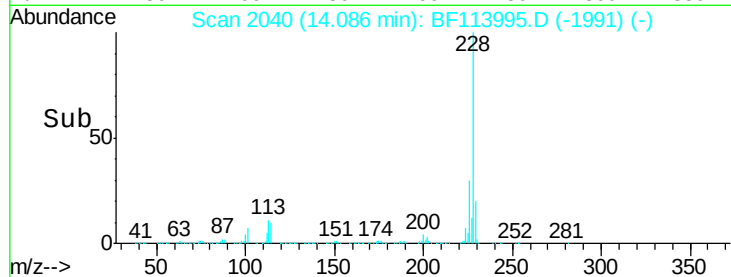
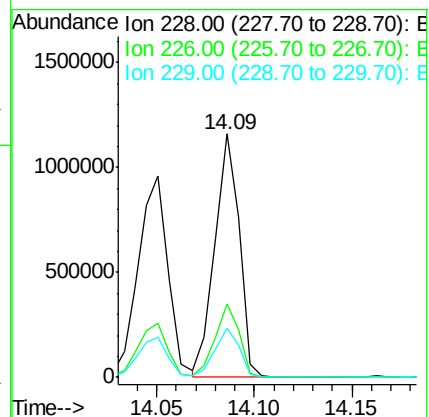
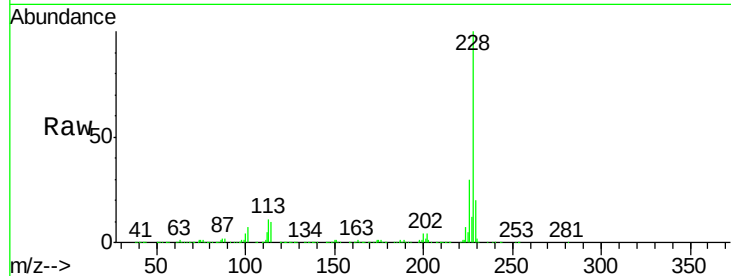
Tot Ion:228 Resp: 1005014

Ion Ratio Lower Upper

228 100

226 30.4 25.2 37.8

229 20.3 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.432 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

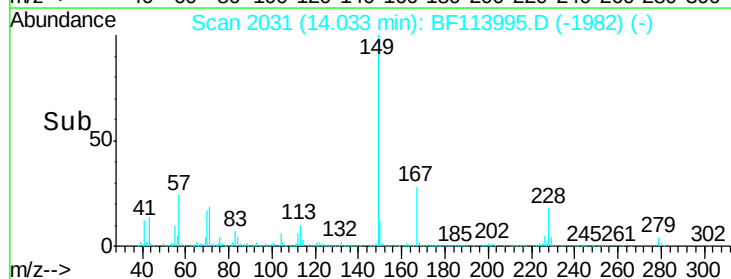
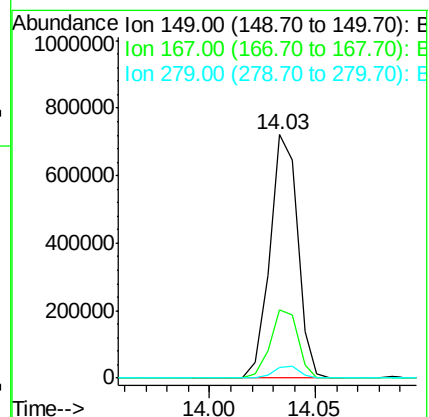
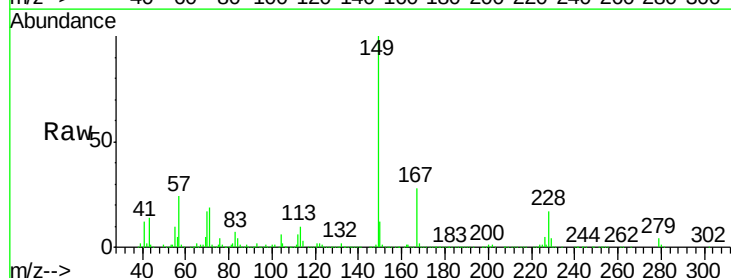
Tgt Ion:149 Resp: 659584

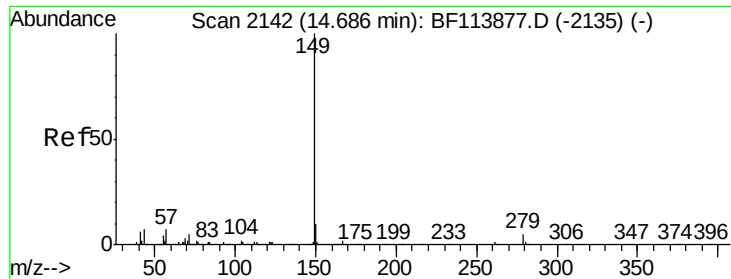
Ion Ratio Lower Upper

149 100

167 28.1 22.9 34.3

279 4.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 47.551 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.03 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

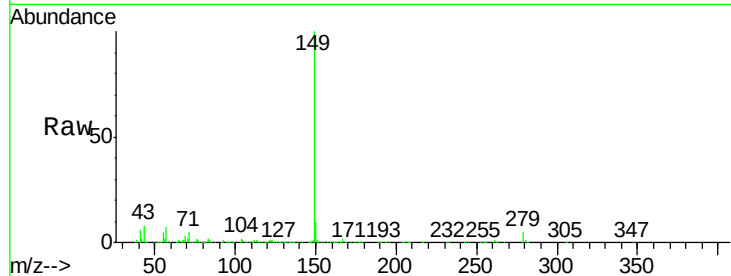
Tot Ion:149 Resp: 1130303

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

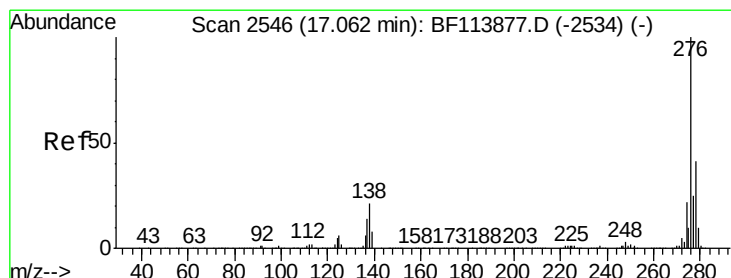
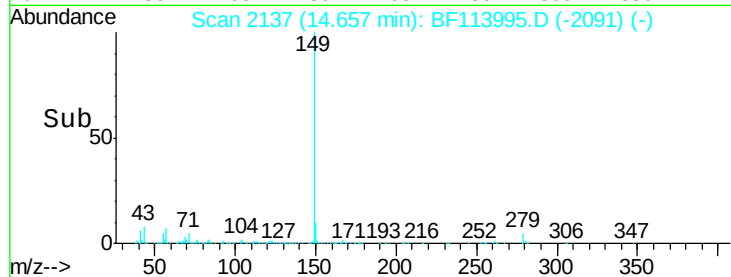
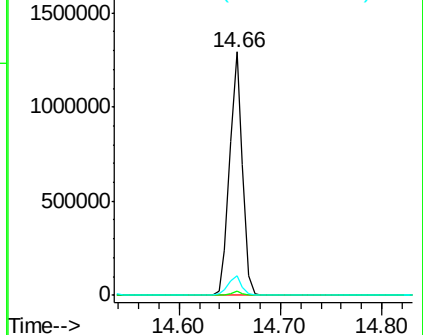
43 8.2 6.6 10.0



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: 39.832 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.02 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

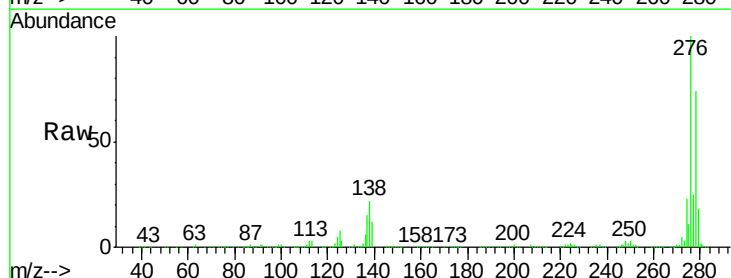
Tgt Ion:276 Resp: 939186

Ion Ratio Lower Upper

276 100

138 22.9 19.6 29.4

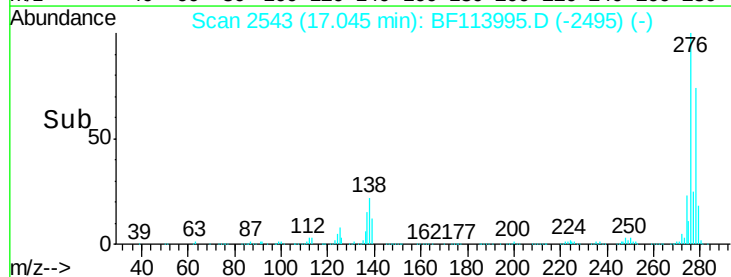
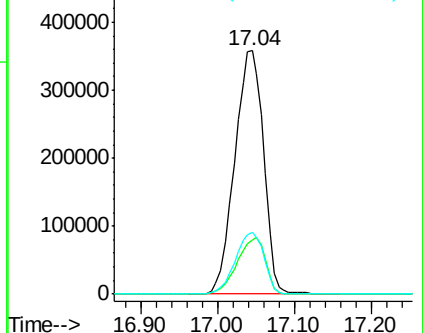
277 25.4 20.2 30.4

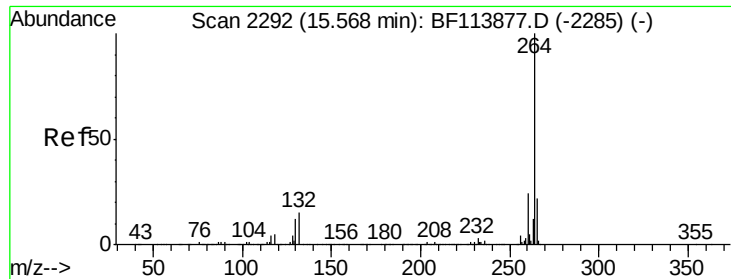


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



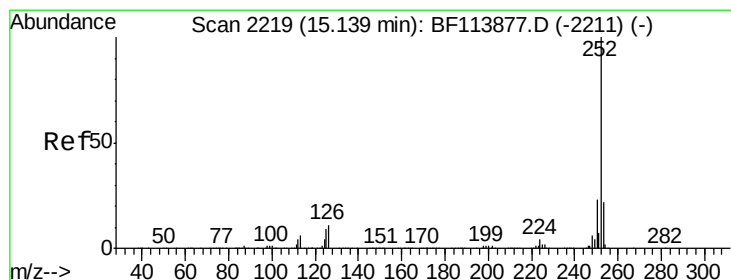
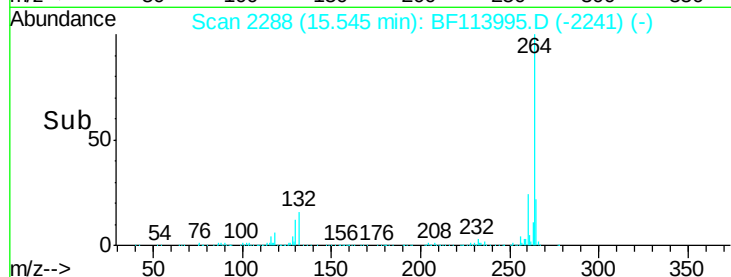
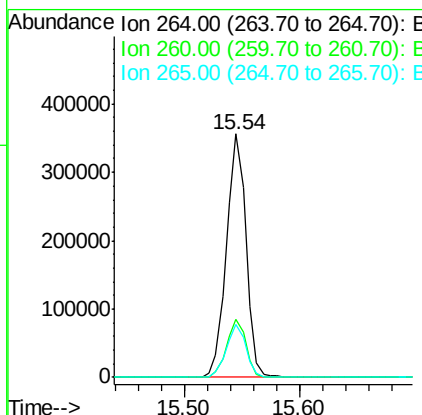
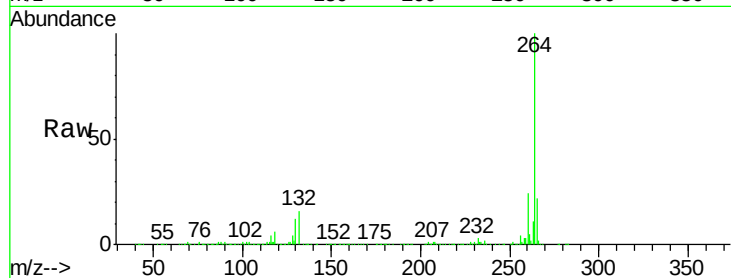


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 418516

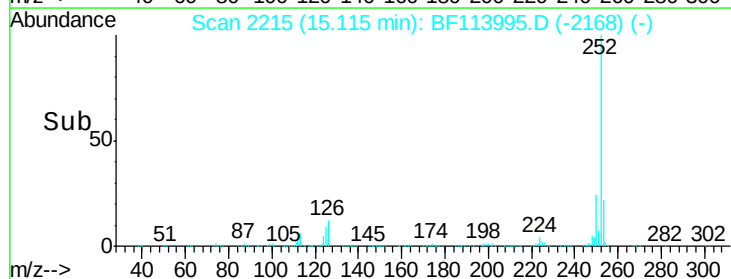
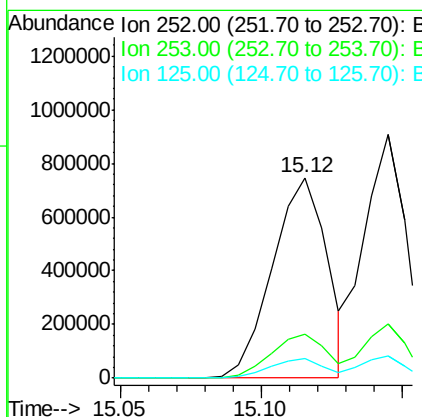
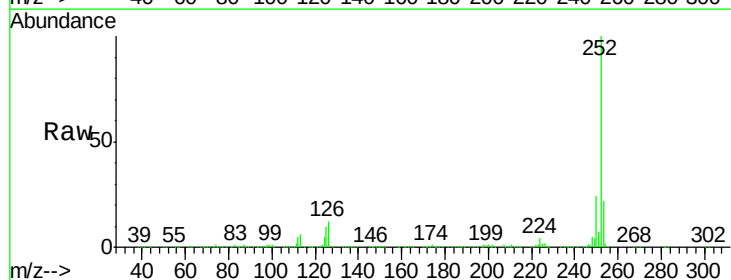
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.6	17.3	25.9

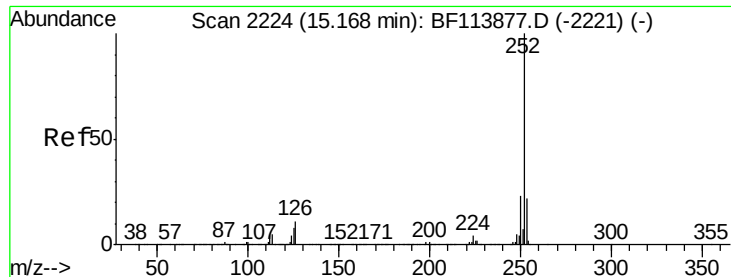


#88
Benzo(b)fluoranthene
Concen: 37.861 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion:252 Resp: 1002535

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.5	7.0	10.6

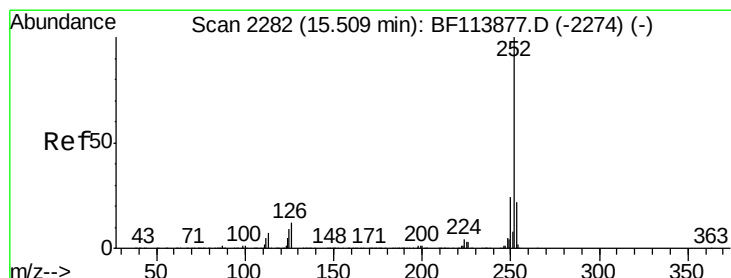
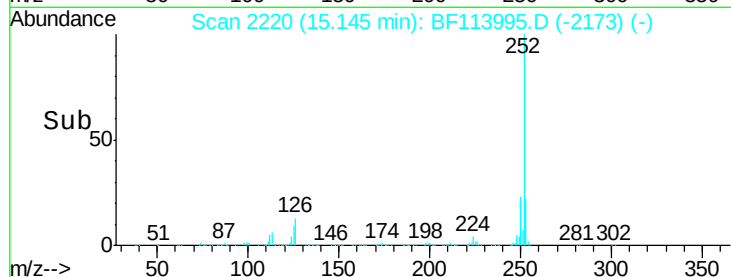
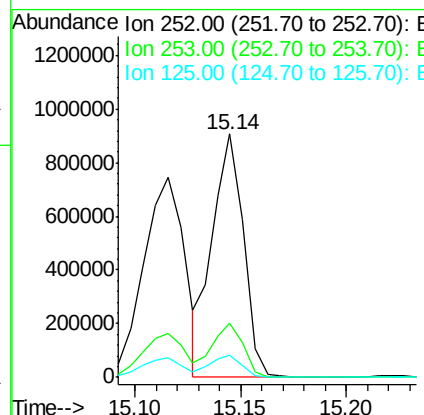
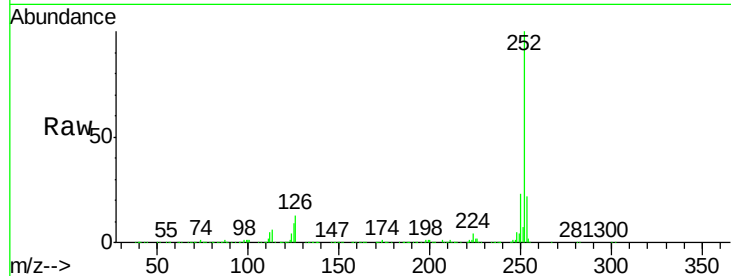




#89
Benzo(k)fluoranthene
Concen: 40.876 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

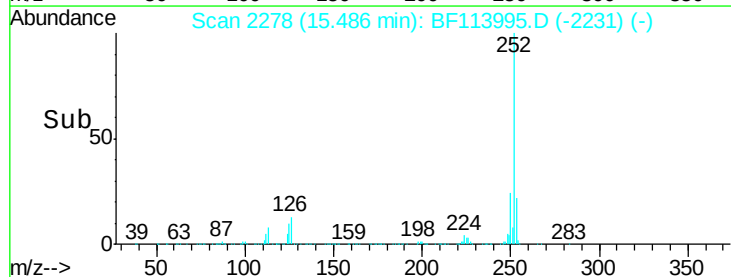
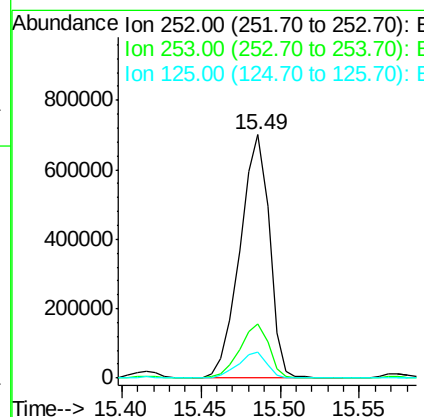
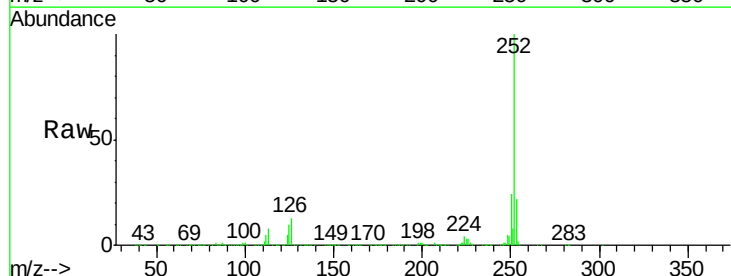
Instrument :
BNA_F
ClientSampleId :

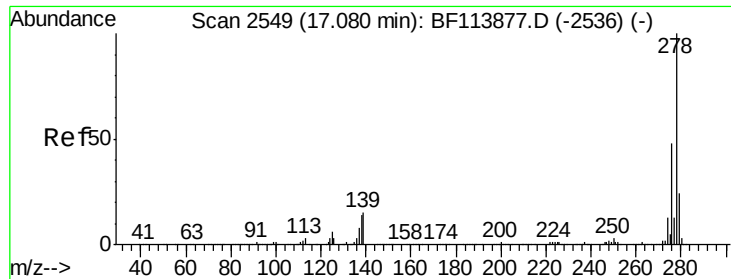
Tot Ion:252 Resp: 931014
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 39.329 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF113995.D
Acq: 25 Apr 2019 23:05

Tgt Ion:252 Resp: 900764
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.5 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 36.691 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

Instrument :

BNA_F

ClientSampleId :

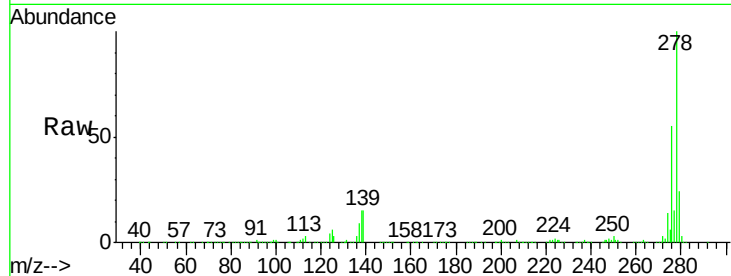
Tot Ion:278 Resp: 788856

Ion Ratio Lower Upper

278 100

139 14.9 11.6 17.4

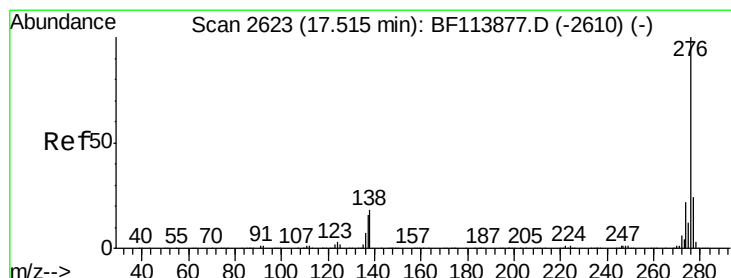
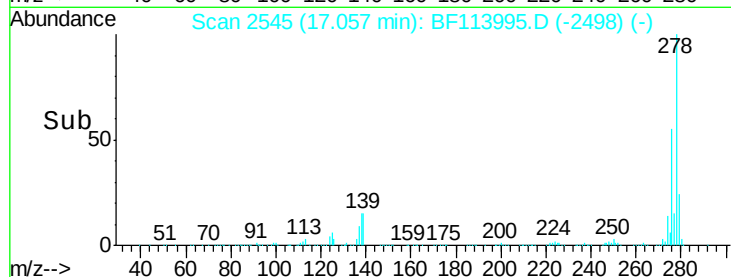
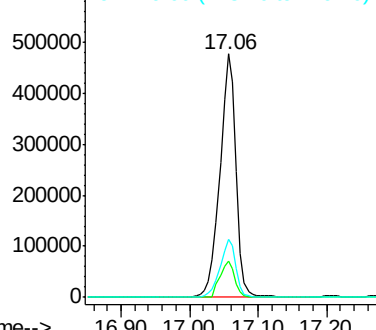
279 23.7 19.0 28.6



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: 35.732 ng

RT: 17.49 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF113995.D

Acq: 25 Apr 2019 23:05

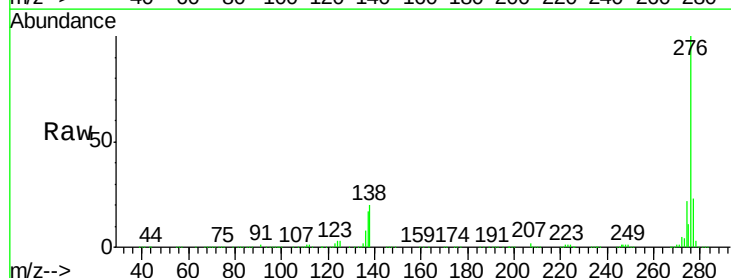
Tgt Ion:276 Resp: 775259

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 19.6 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

