

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
 Data File : BF117775.D
 Acq On : 13 Nov 2019 15:03
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 16:44:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 16:36:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	259962	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1011077	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	535017	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1014692	20.00	ng	0.00
76) Chrysene-d12	14.12	240	731165	20.00	ng	0.00
87) Perylene-d12	15.62	264	670086	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	357470	24.89	ng	0.00
7) Phenol-d6	6.53	99	432059	24.40	ng	-0.01
23) Nitrobenzene-d5	7.48	82	369937	21.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	131377	25.10	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	844058	31.13	ng	0.00
79) Terphenyl-d14	13.05	244	952606	26.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	81377	11.372	ng	98
3) Pyridine	3.49	79	196593	9.988	ng	99
4) n-Nitrosodimethylamine	3.42	42	89252	10.290	ng	# 97
6) Aniline	6.58	93	271895	10.941	ng	96
8) 2-Chlorophenol	6.70	128	192710	12.062	ng	99
9) Benzaldehyde	6.47	77	153451	12.454	ng	98
10) Phenol	6.55	94	224101	11.745	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	177756	11.282	ng	97
12) 1,3-Dichlorobenzene	6.86	146	229945	12.417	ng	97
13) 1,4-Dichlorobenzene	6.94	146	233485	12.595	ng	98
14) 1,2-Dichlorobenzene	7.09	146	221346	12.968	ng	99
15) Benzyl Alcohol	7.06	79	156149	11.059	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	268571	10.780	ng	99
17) 2-Methylphenol	7.16	107	156320	11.393	ng	98
18) Hexachloroethane	7.44	117	80471	11.744	ng	94
19) n-Nitroso-di-n-propylamine	7.32	70	130715	11.227	ng	97
20) 3+4-Methylphenols	7.32	107	202698	12.406	ng	97
22) Acetophenone	7.33	105	276322	11.958	ng	98
24) Nitrobenzene	7.50	77	195780	10.948	ng	95
25) Isophorone	7.74	82	354078	10.810	ng	97
26) 2-Nitrophenol	7.82	139	80889	9.743	ng	100
27) 2,4-Dimethylphenol	7.85	122	148693	10.622	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	232286	11.048	ng	98
29) 2,4-Dichlorophenol	8.06	162	163224	11.317	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	194993	11.810	ng	97
31) Naphthalene	8.23	128	582127	12.596	ng	98
32) Benzoic acid	7.92	122	91402	8.248	ng	95
33) 4-Chloroaniline	8.27	127	245851	11.449	ng	98
34) Hexachlorobutadiene	8.35	225	111975	11.843	ng	99
35) Caprolactam	8.61	113	50031	10.466	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	165640	11.382	ng	95
37) 2-Methylnaphthalene	8.92	142	392848	12.486	ng	97
38) 1-Methylnaphthalene	9.02	142	371336	12.429	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	183792	12.557	ng	98

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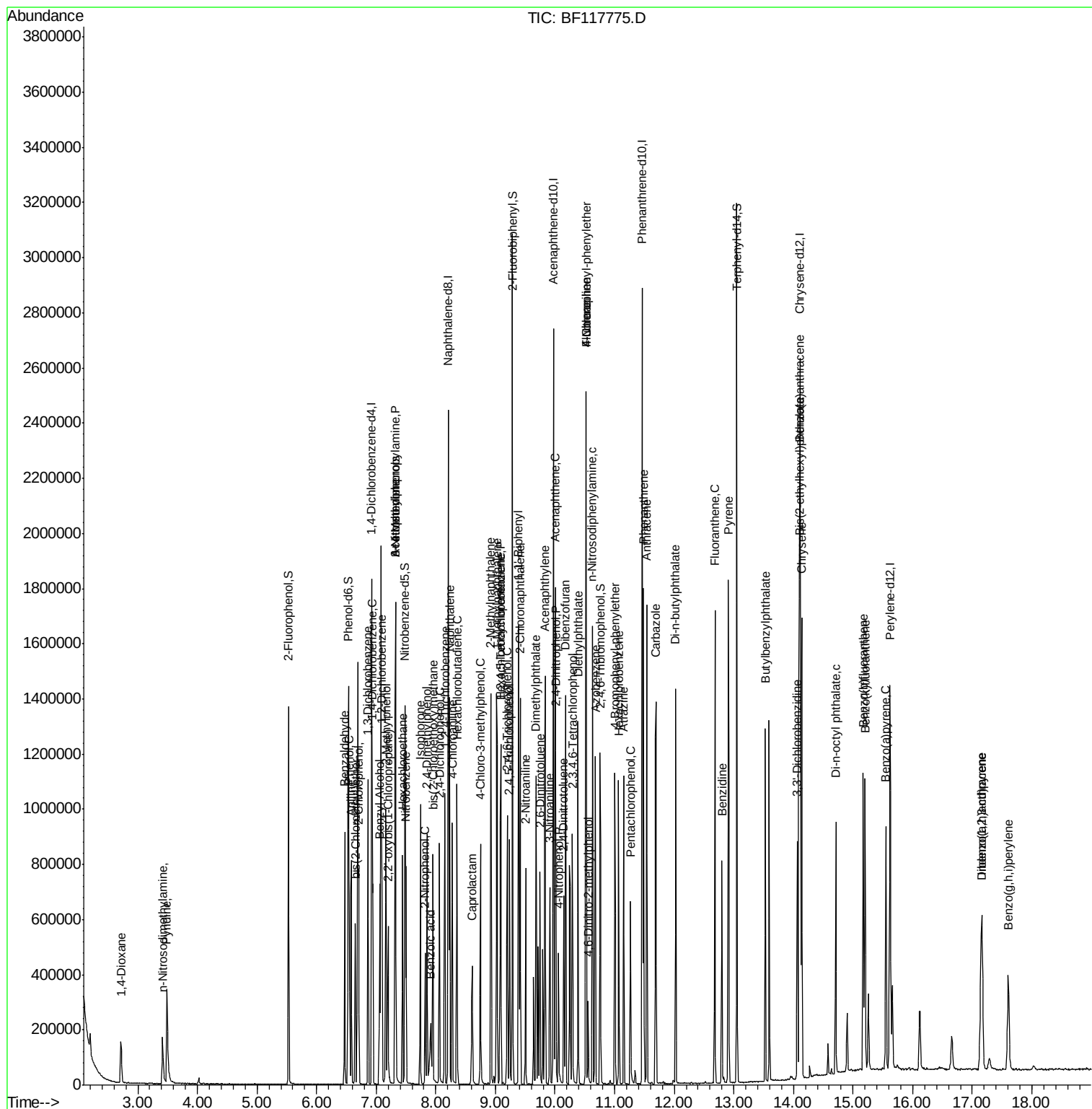
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	87566	11.090	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	120334	11.288	ng	96
44) 2,4,5-Trichlorophenol	9.23	196	125328	11.599	ng	97
46) 1,1'-Biphenyl	9.39	154	489175	13.055	ng	98
47) 2-Chloronaphthalene	9.42	162	385570	12.400	ng	98
48) 2-Nitroaniline	9.50	65	97596	10.015	ng	97
49) Acenaphthylene	9.83	152	581846	12.849	ng	98
50) Dimethylphthalate	9.68	163	435818	12.049	ng	99
51) 2,6-Dinitrotoluene	9.75	165	83978	10.369	ng	95
52) Acenaphthene	10.00	154	362702	12.412	ng	99
53) 3-Nitroaniline	9.92	138	101963	10.435	ng	92
54) 2,4-Dinitrophenol	10.02	184	25444	9.164	ng	# 8
55) Dibenzofuran	10.17	168	525016	12.840	ng	97
56) 4-Nitrophenol	10.06	139	74211	10.099	ng	97
57) 2,4-Dinitrotoluene	10.15	165	102787	9.893	ng	# 96
58) Fluorene	10.52	166	404287	13.415	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	106039	11.805	ng	99
60) Diethylphthalate	10.39	149	426294	11.985	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	205341	13.089	ng	94
62) 4-Nitroaniline	10.52	138	103455	10.757	ng	97
63) Azobenzene	10.67	77	399536	11.859	ng	95
65) 4,6-Dinitro-2-methylphenol	10.56	198	34487	8.512	ng	88
66) n-Nitrosodiphenylamine	10.63	169	354090	11.815	ng	99
67) 4-Bromophenyl-phenylether	11.00	248	126568	11.421	ng	94
68) Hexachlorobenzene	11.07	284	149404	11.671	ng	# 90
69) Atrazine	11.15	200	111290	11.269	ng	99
70) Pentachlorophenol	11.26	266	76658	10.712	ng	100
71) Phenanthrene	11.49	178	627629	12.905	ng	98
72) Anthracene	11.54	178	627664	12.972	ng	97
73) Carbazole	11.69	167	552868	12.499	ng	98
74) Di-n-butylphthalate	12.02	149	667729	12.414	ng	98
75) Fluoranthene	12.68	202	636237	12.811	ng	99
77) Benzidine	12.80	184	271763	10.691	ng	98
78) Pyrene	12.91	202	656438	12.299	ng	98
80) Butylbenzylphthalate	13.53	149	256341	10.398	ng	93
81) Benzo(a)anthracene	14.10	228	558573	12.273	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	192068	11.300	ng	97
83) Chrysene	14.14	228	549018	12.215	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	327751	10.306	ng	100
85) Di-n-octyl phthalate	14.71	149	471106	9.414	ng	100
86) Indeno(1,2,3-cd)pyrene	17.14	276	375695	8.981	ng	99
88) Benzo(b)fluoranthene	15.17	252	493202	11.686	ng	99
89) Benzo(k)fluoranthene	15.20	252	461982	12.273	ng	98
90) Benzo(a)pyrene	15.55	252	420539	11.495	ng	100
91) Dibenzo(a,h)anthracene	17.17	278	304483	9.280	ng	98
92) Benzo(g,h,i)perylene	17.61	276	290634	9.140	ng	98

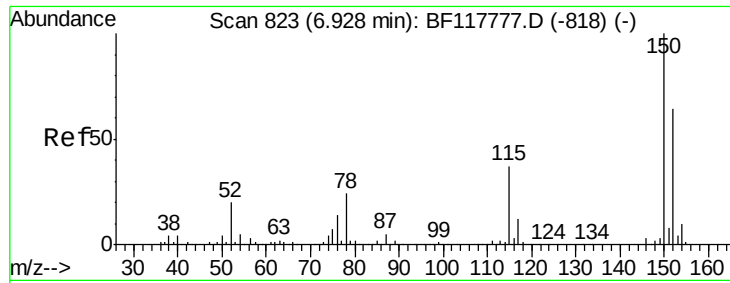
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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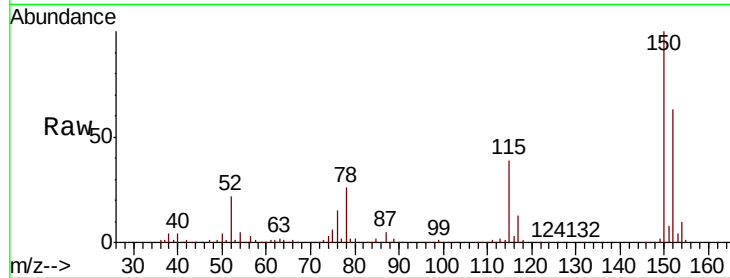


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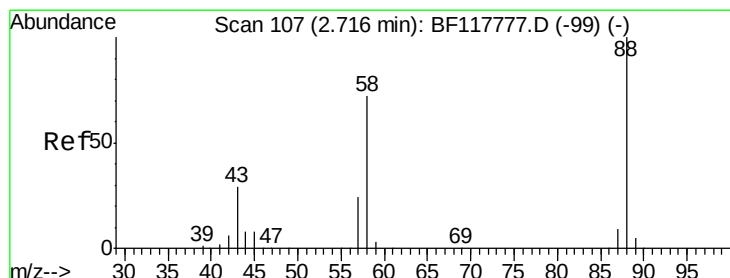
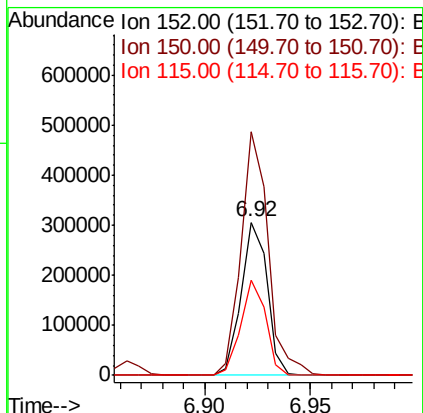
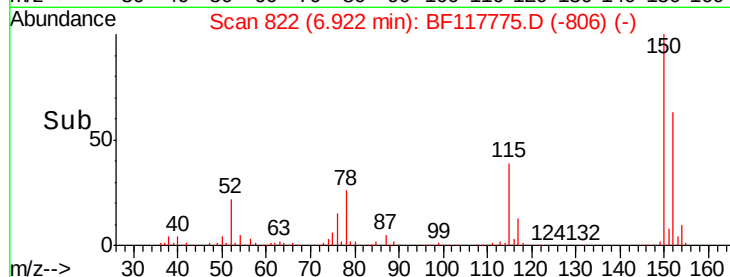
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 259962
Ion Ratio Lower Upper
152 100
150 158.8 125.3 187.9
115 62.4 47.0 70.4



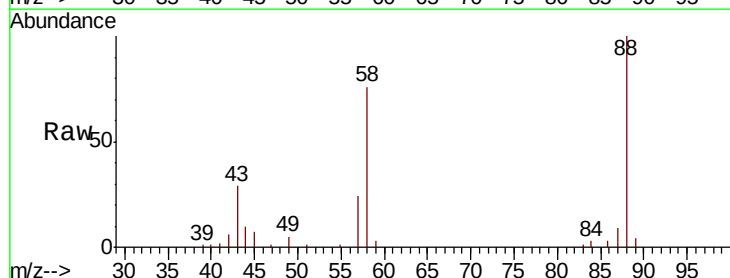
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



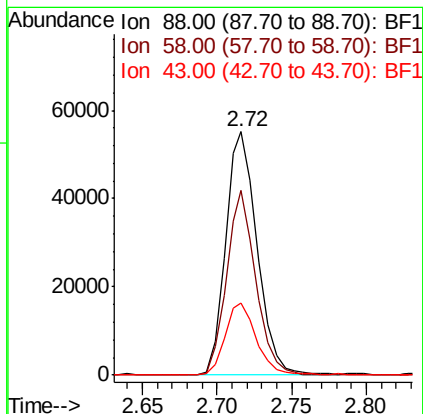
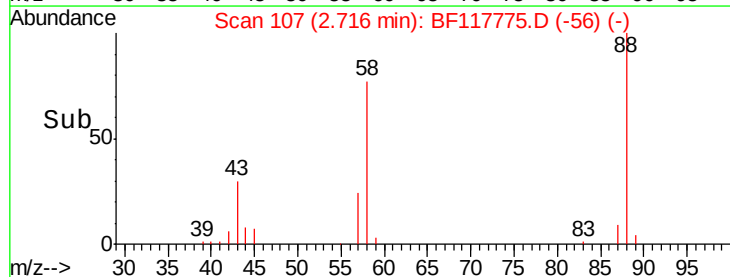
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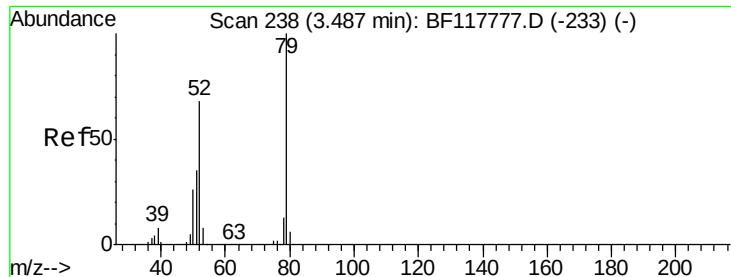
1,4-Dioxane
Concen: 11.372 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.00 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion: 88 Resp: 81377
Ion Ratio Lower Upper
88 100
58 70.1 58.2 87.2
43 29.4 23.3 34.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



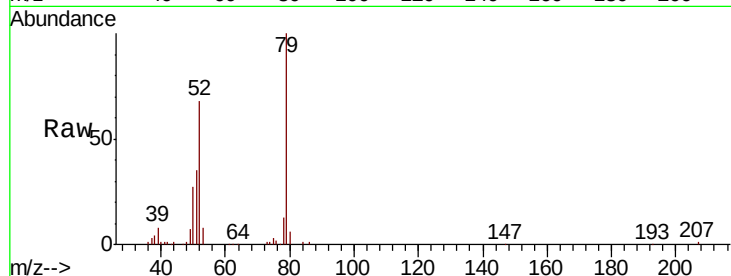


#3
 Pvridine
 Concen: 9.988 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.00 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

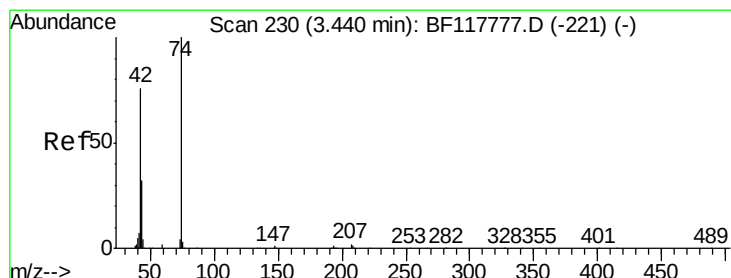
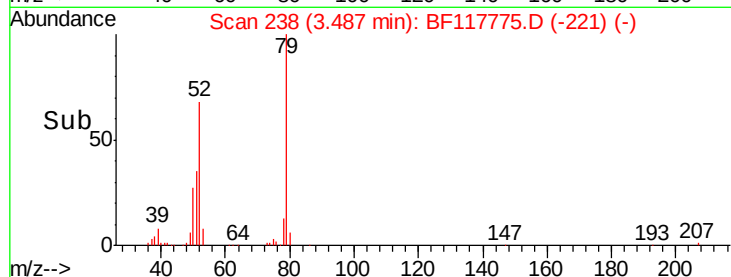
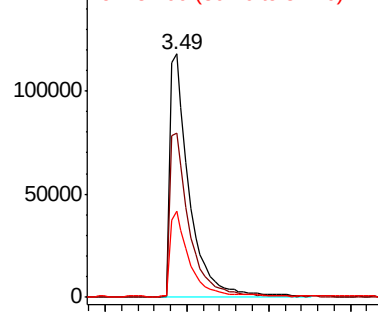
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 196593

Ion	Ratio	Lower	Upper
79	100		
52	67.7	54.8	82.2
51	35.5	28.2	42.4



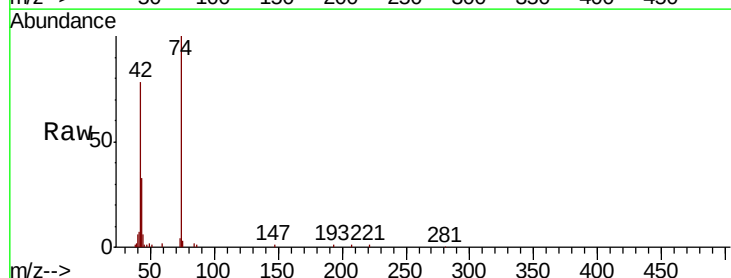
Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1



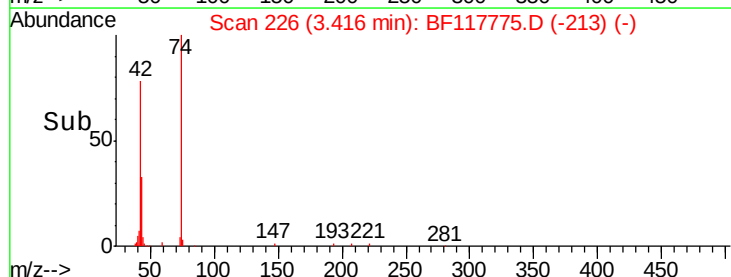
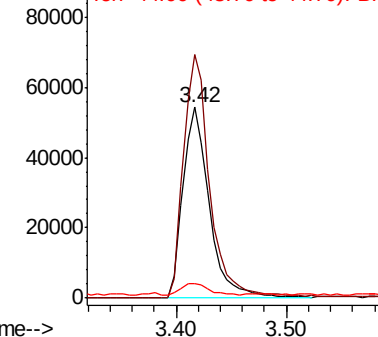
#4
 n-Nitrosodimethylamine
 Concen: 10.290 ng
 RT: 3.42 min Scan# 226
 Delta R.T. -0.02 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

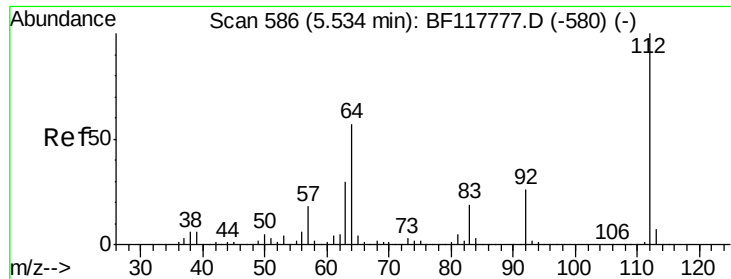
Tgt Ion: 42 Resp: 89252

Ion	Ratio	Lower	Upper
42	100		
74	127.8	105.1	157.7
44	7.7	4.6	7.0#



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





#5

2-Fluorophenol

Concen: 24.891 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampled :

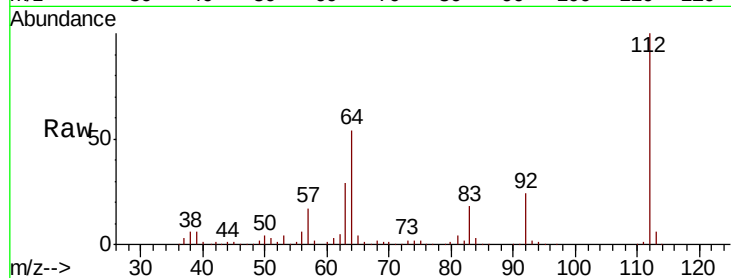
Tot Ion:112 Resp: 357470

Ion Ratio Lower Upper

112 100

64 54.3 45.6 68.4

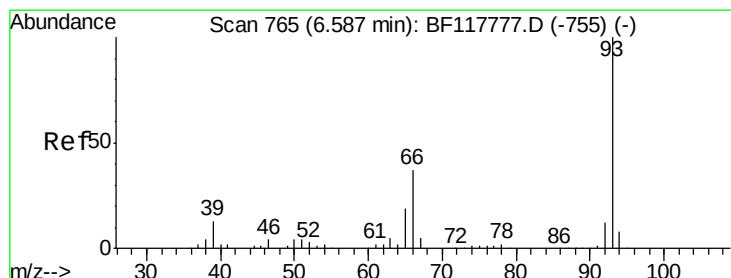
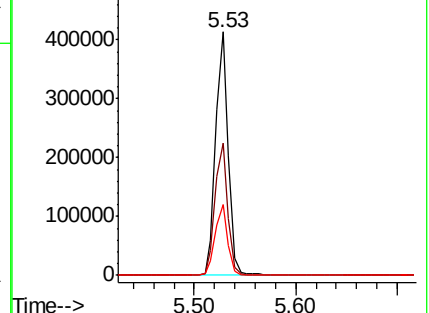
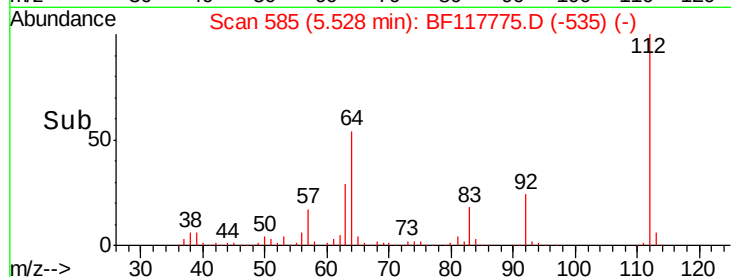
63 28.9 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.941 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

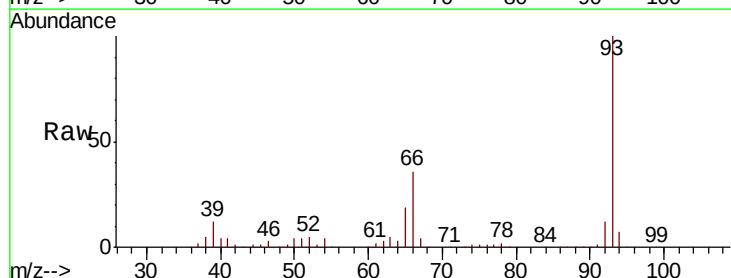
Tgt Ion: 93 Resp: 271895

Ion Ratio Lower Upper

93 100

66 35.5 30.6 45.8

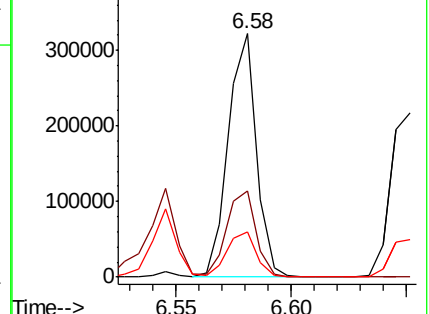
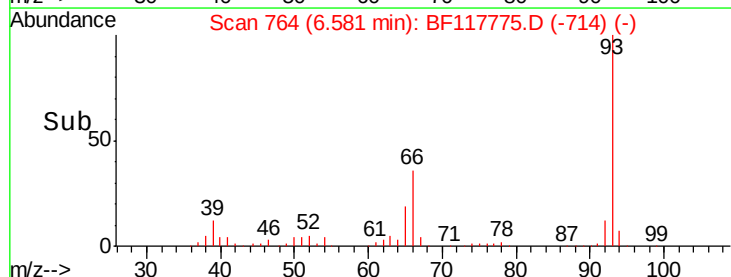
65 18.7 15.6 23.4

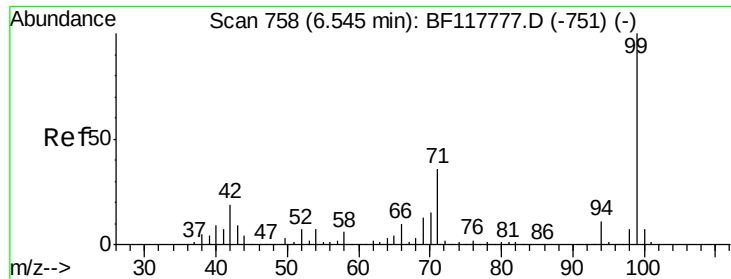


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 24.399 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

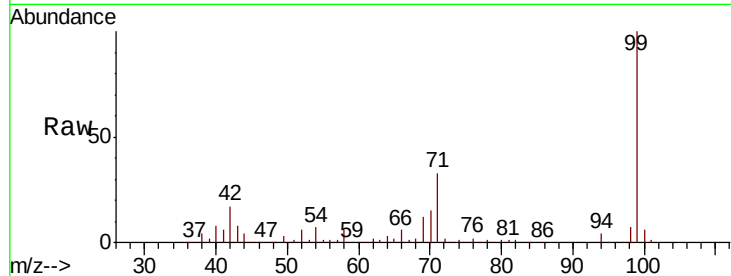
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 432059

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.9	22.3
71	32.6	28.6	43.0

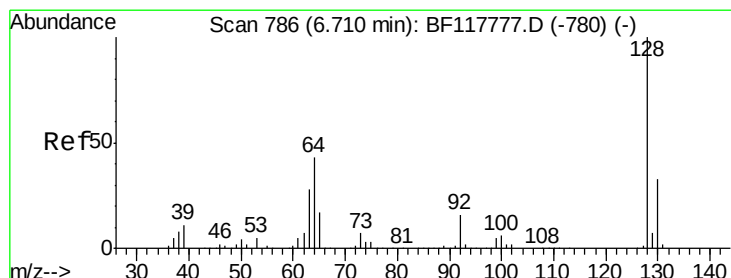
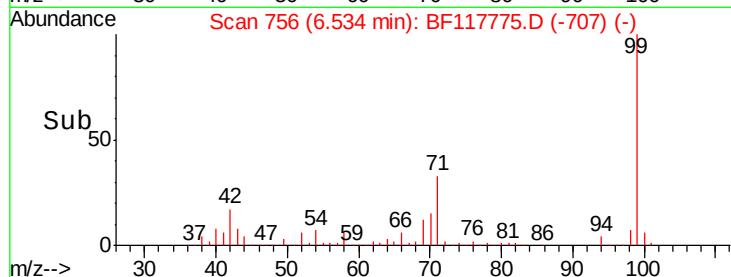
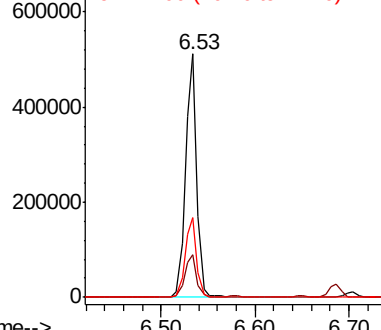


Abundance

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: 12.062 ng

RT: 6.70 min Scan# 785

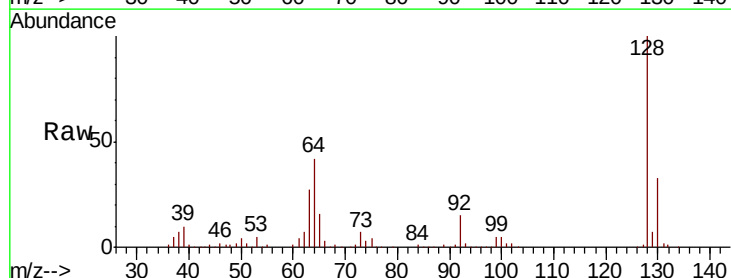
Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Tgt Ion: 128 Resp: 192710

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.2	53.2
64	42.4	23.7	63.7

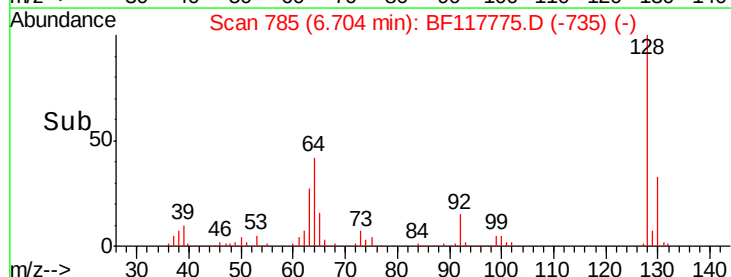
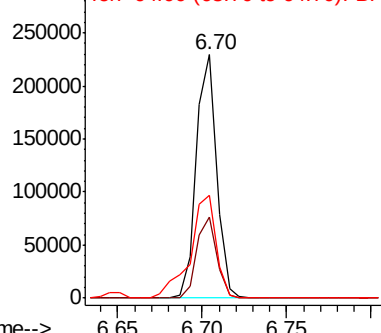


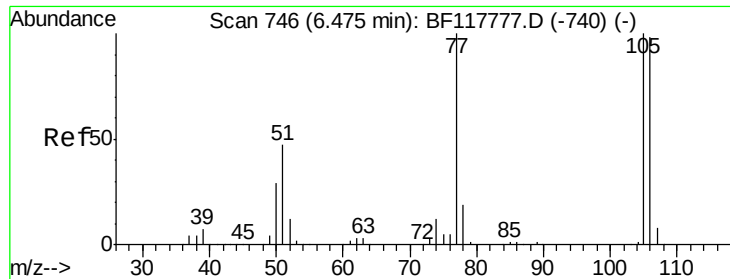
Abundance

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: 12.454 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampled :

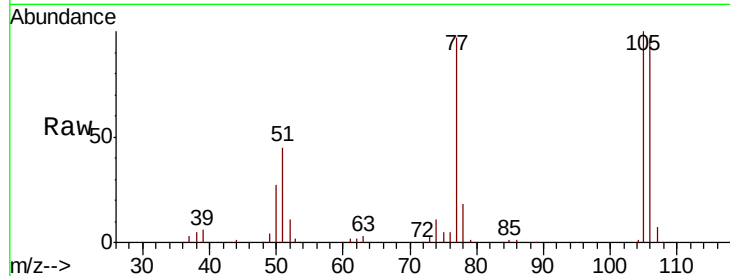
Tot Ion: 77 Resp: 153451

Ion Ratio Lower Upper

77 100

105 102.7 80.2 120.2

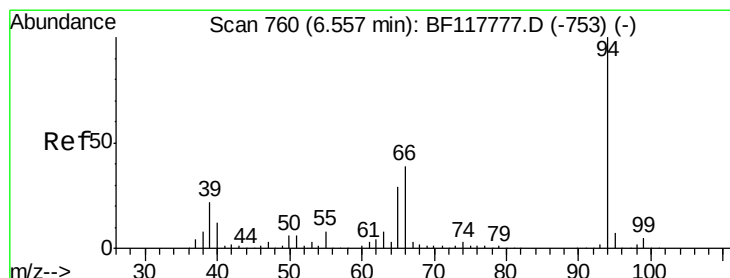
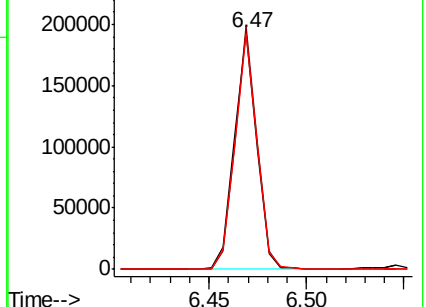
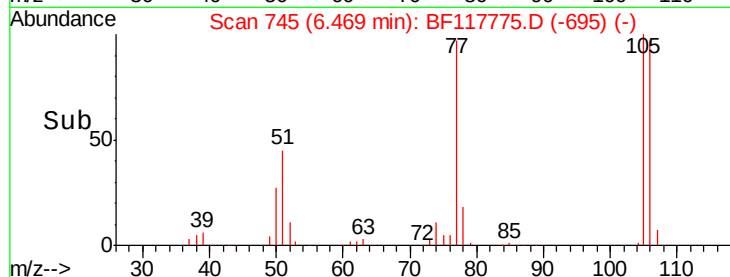
106 99.8 78.4 118.4



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: 11.745 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

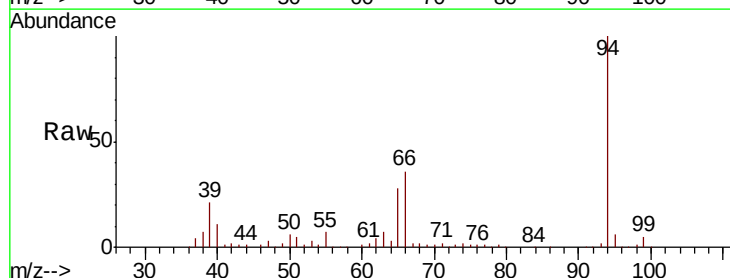
Tgt Ion: 94 Resp: 224101

Ion Ratio Lower Upper

94 100

65 27.9 8.9 48.9

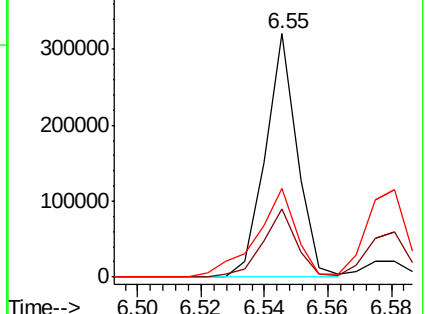
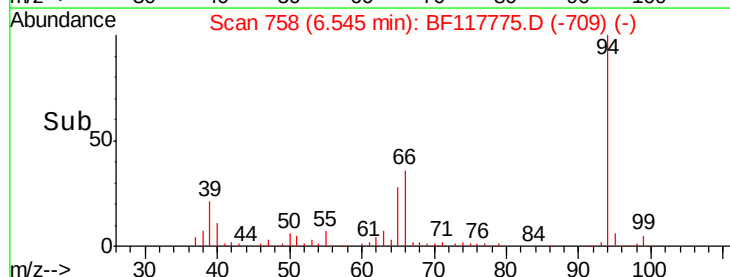
66 36.4 18.7 58.7

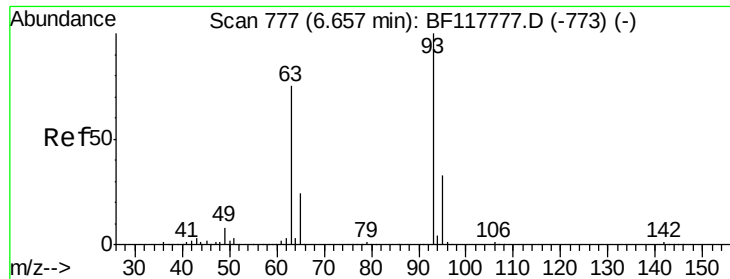


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

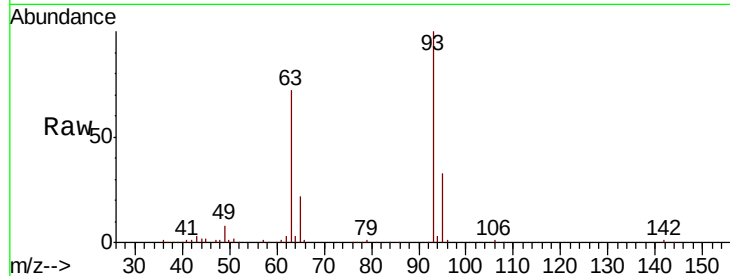




#11
 bis(2-Chloroethyl)ether
 Concen: 11.282 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.8	54.8	94.8
95	32.6	12.7	52.7

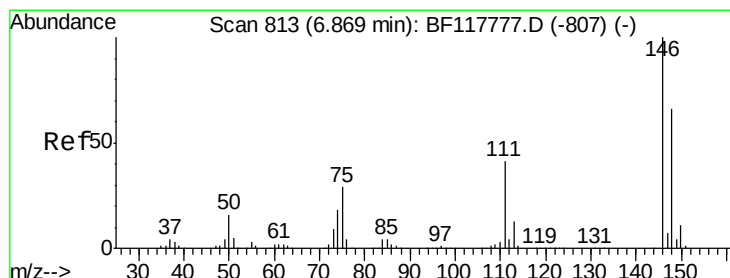
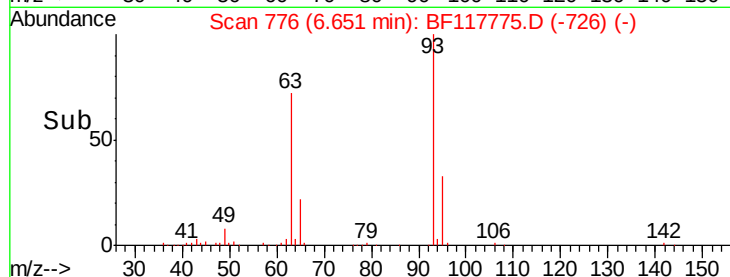
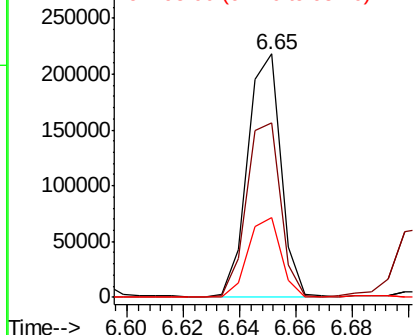


Abundance

Ion 93.00 (92.70 to 93.70): BF1

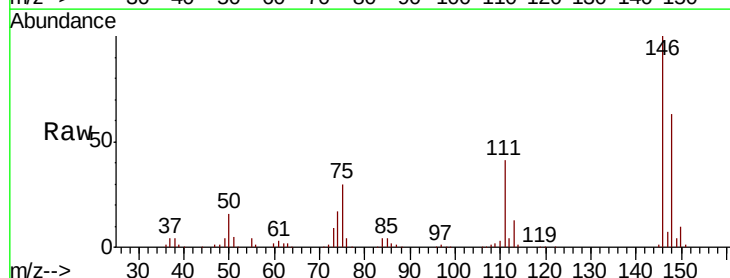
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
 1,3-Dichlorobenzene
 Concen: 12.417 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.8	79.2
75	30.2	23.4	35.0

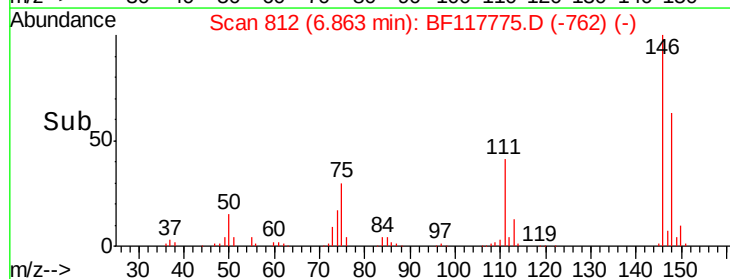
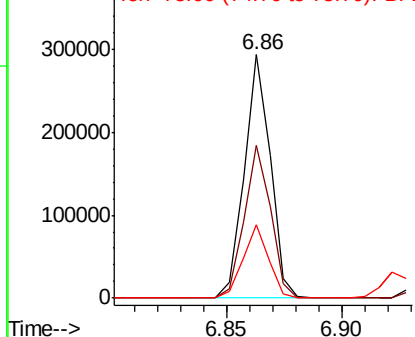


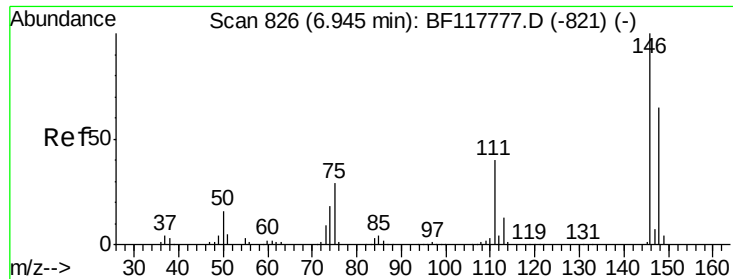
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

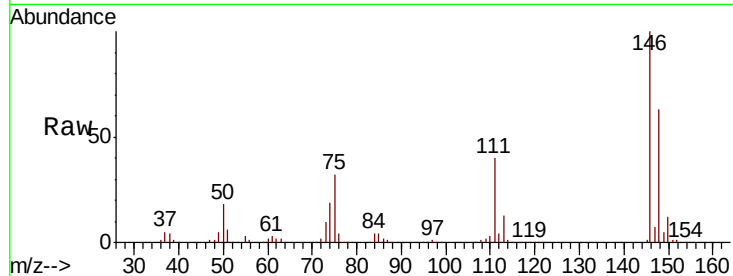




#13
1,4-Dichlorobenzene
Concen: 12.595 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.3	78.5
111	39.8	32.2	48.4

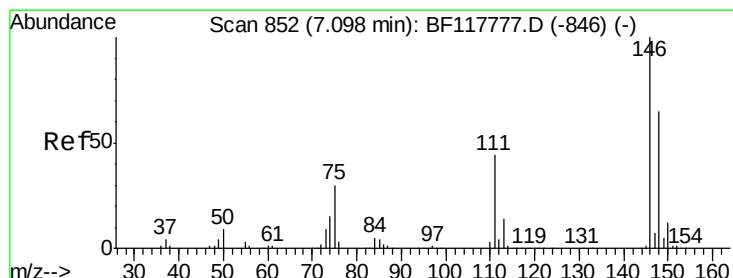
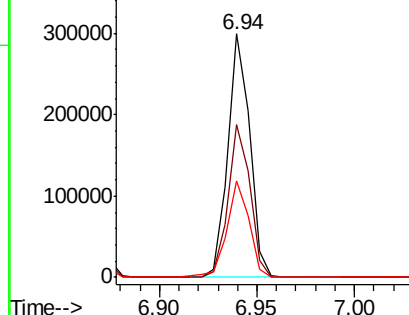
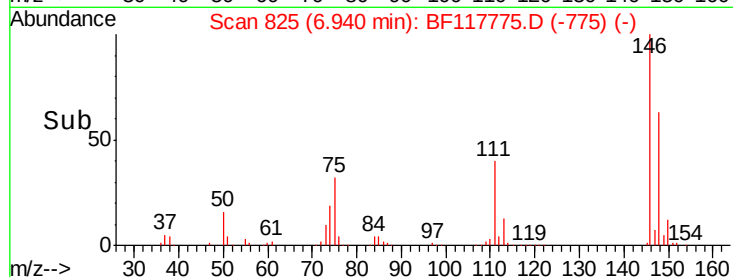


Abundance

Ion 146.00 (145.70 to 146.70): E

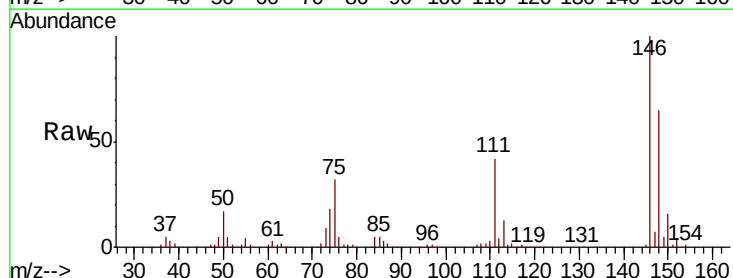
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 12.968 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
111	42.1	35.0	52.6

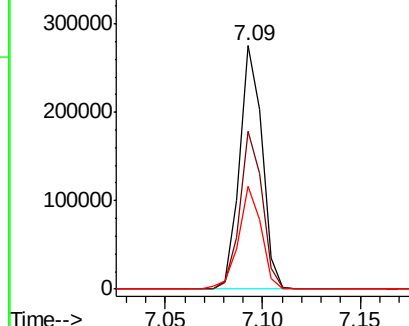
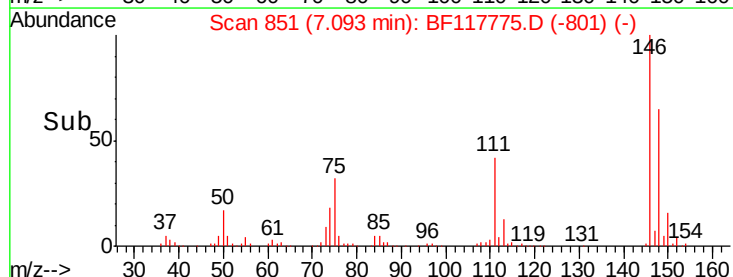


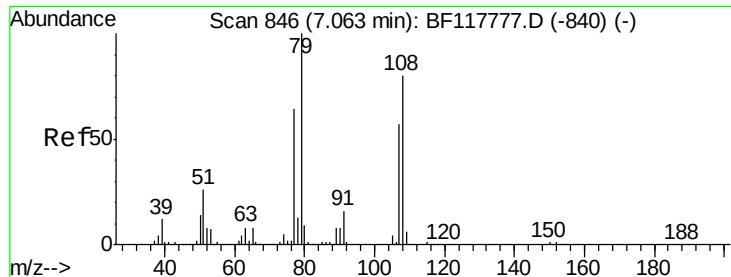
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 11.059 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

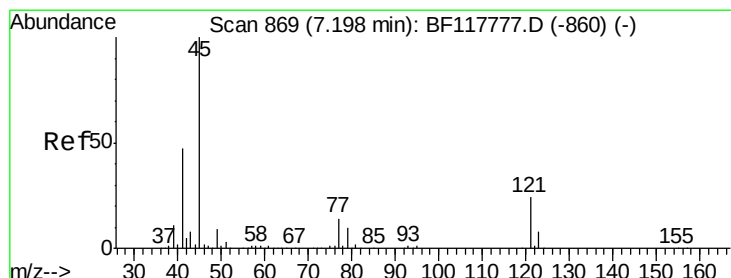
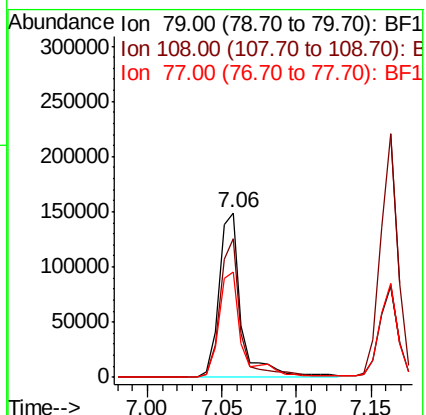
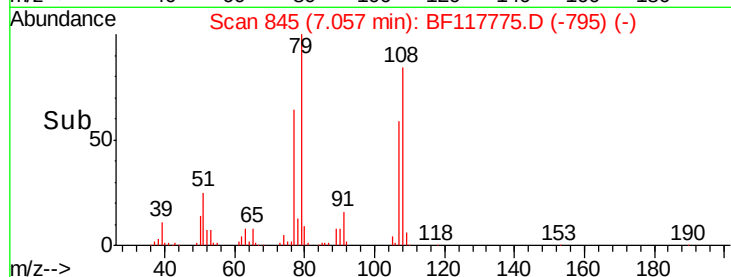
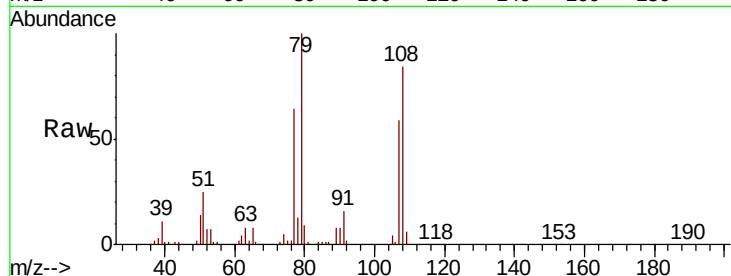
Tot Ion: 79 Resp: 156149

Ion Ratio Lower Upper

79 100

108 84.0 64.1 96.1

77 64.0 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.780 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

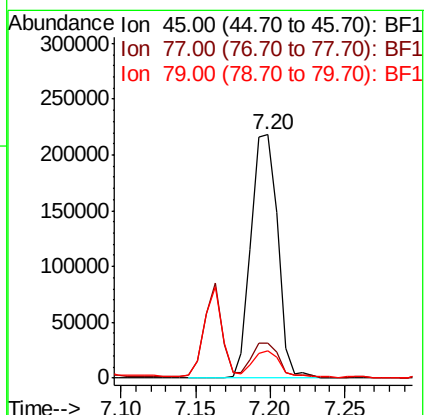
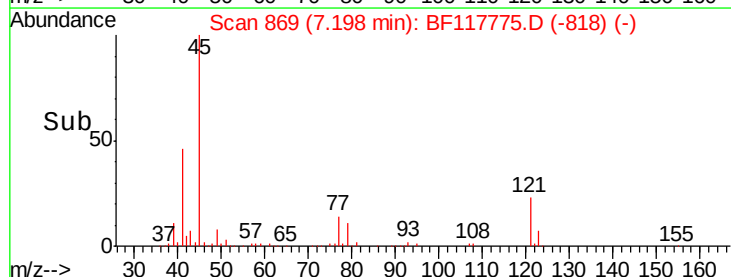
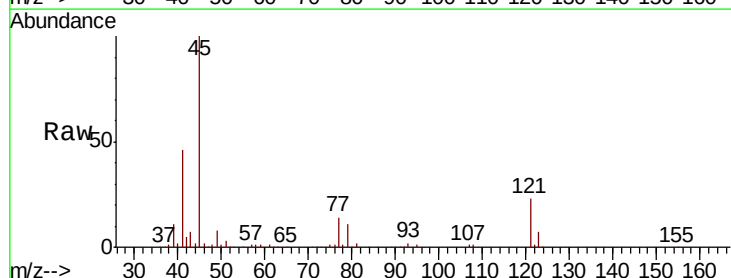
Tgt Ion: 45 Resp: 268571

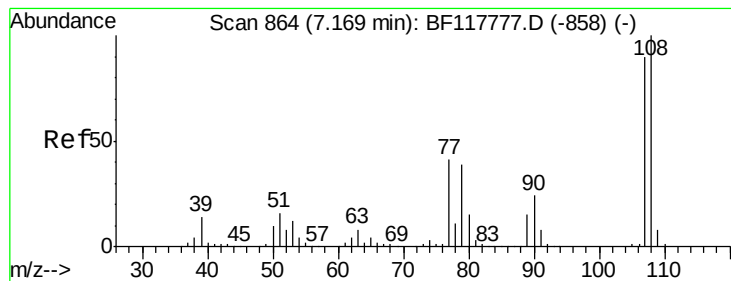
Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.0

79 11.4 0.0 31.1

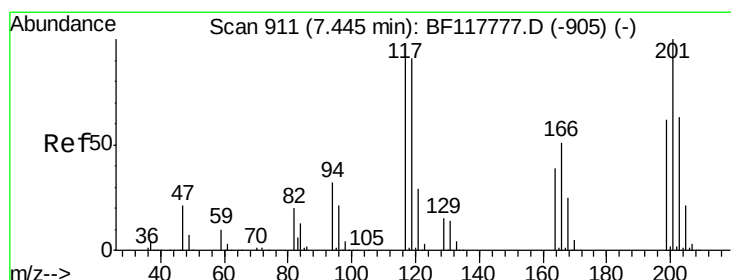
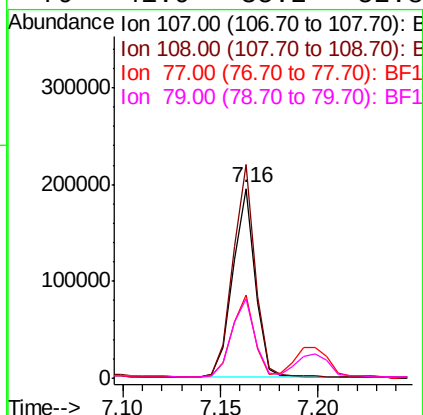
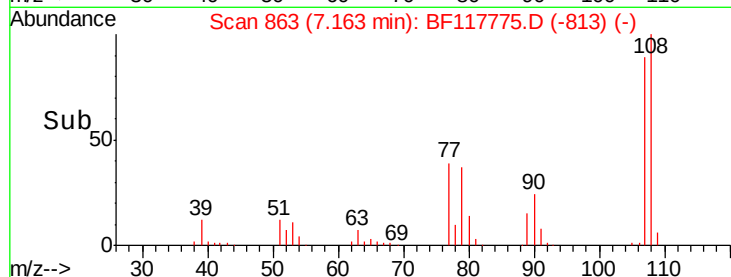
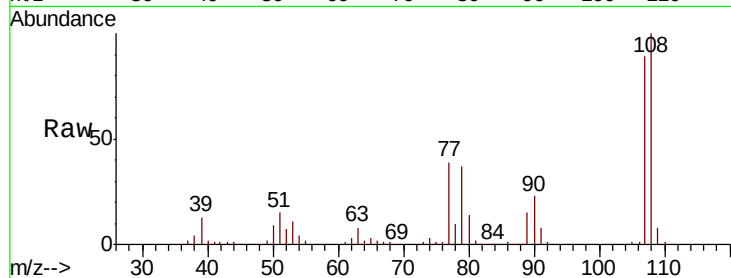




#17
2-Methylphenol
Concen: 11.393 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

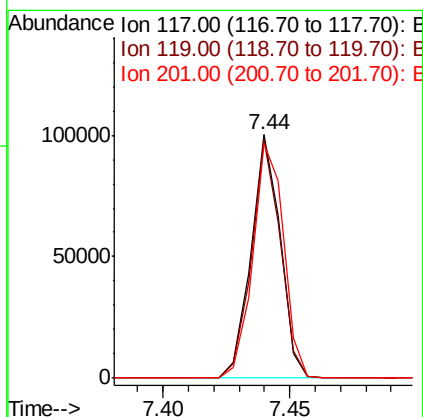
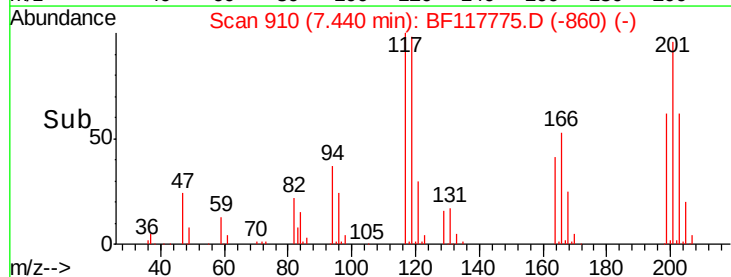
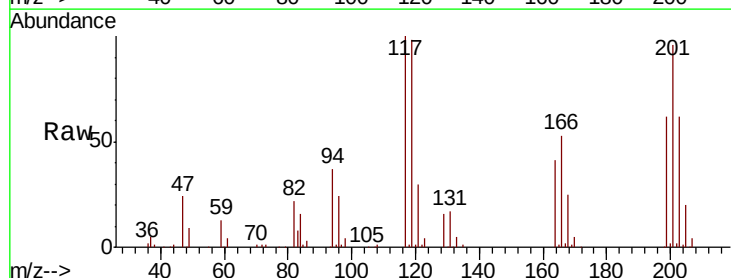
Instrument :
BNA_F
ClientSampleId :

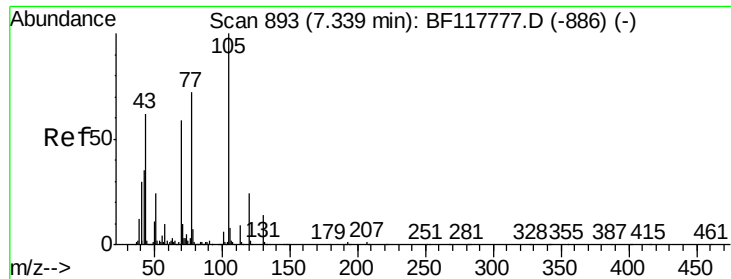
Tot Ion:107 Resp: 156320
Ion Ratio Lower Upper
107 100
108 112.5 89.1 133.7
77 43.6 36.6 54.8
79 41.9 35.2 52.8



#18
Hexachloroethane
Concen: 11.744 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion:117 Resp: 80471
Ion Ratio Lower Upper
117 100
119 98.2 78.7 118.1
201 96.2 86.5 129.7

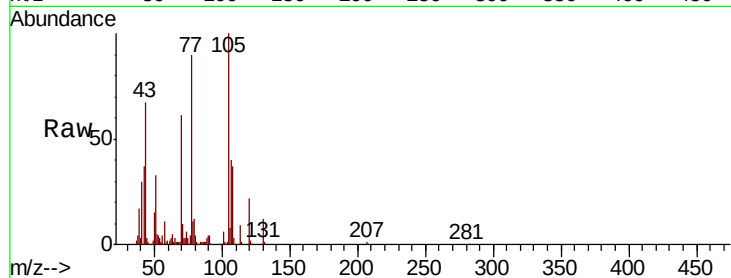




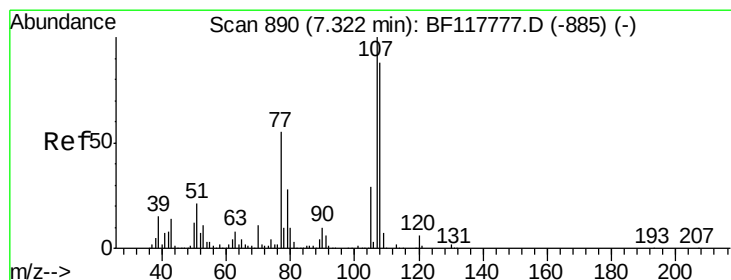
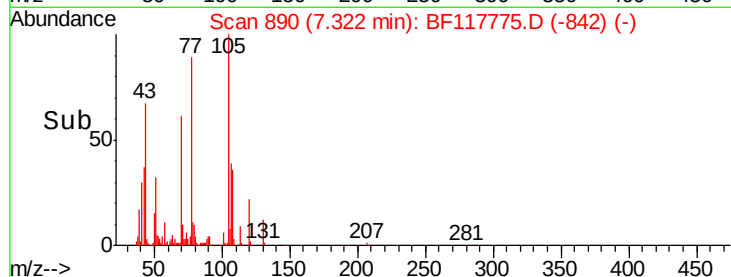
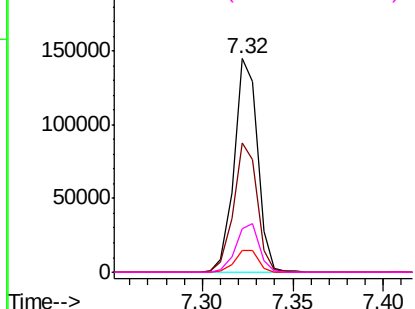
#19
n-Nitroso-di-n-propylamine
Concen: 11.227 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	130715
Ion	Ratio	Lower	Upper
70	100		
42	60.7	47.4	71.2
101	10.0	8.4	12.6
130	20.2	18.8	28.2

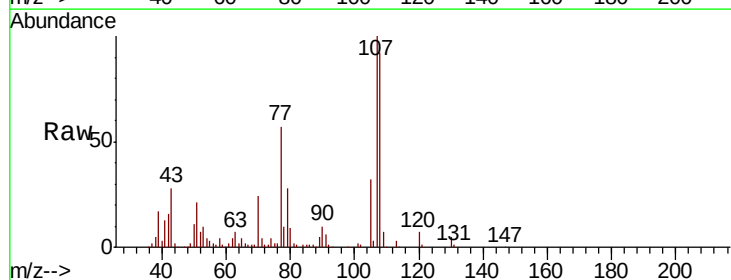


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

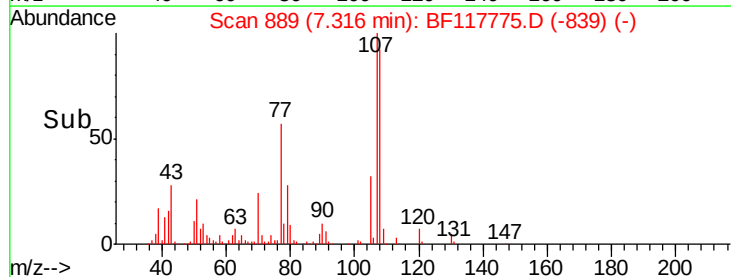
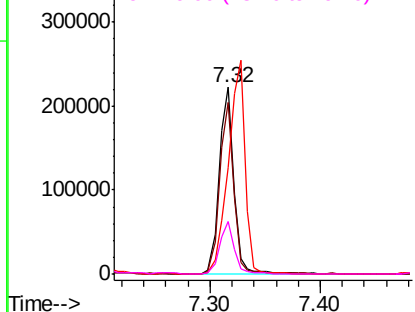


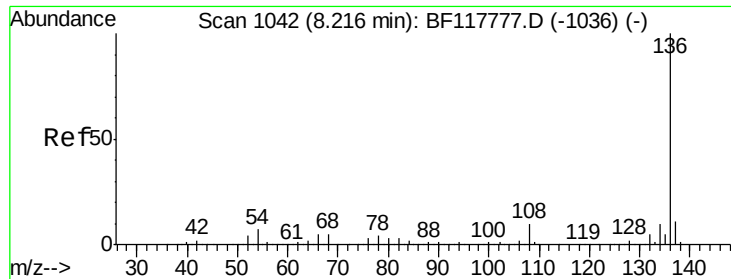
#20
3+4-Methylphenols
Concen: 12.406 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion:	107	Resp:	202698
Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.4	108.4
77	56.6	35.2	75.2
79	28.4	8.6	48.6



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

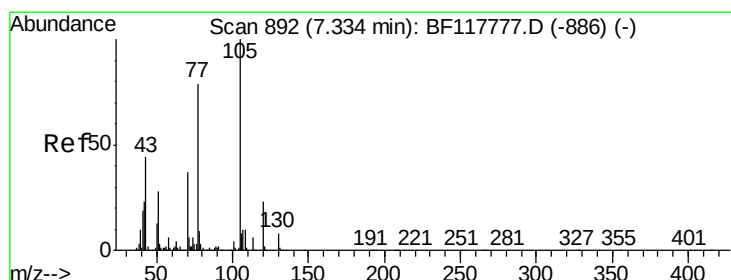
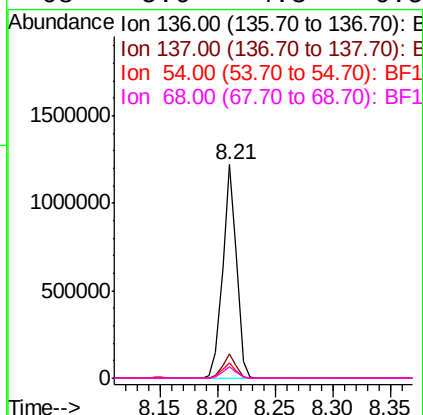
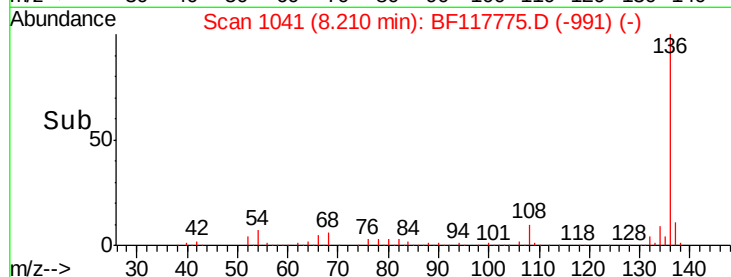
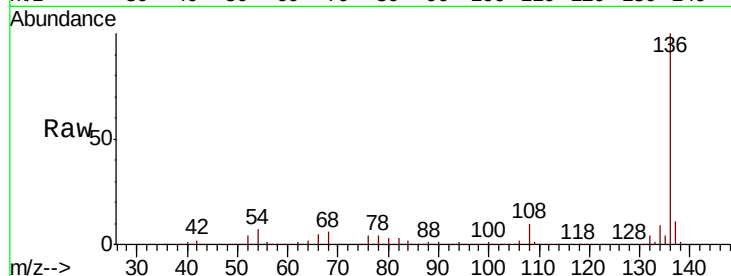




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

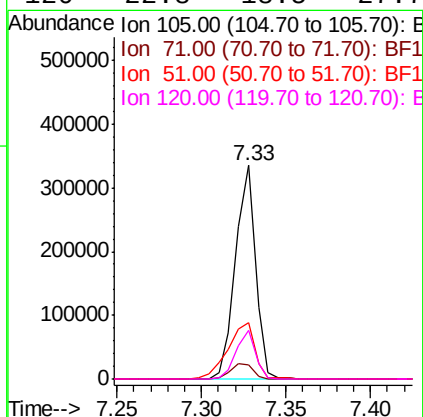
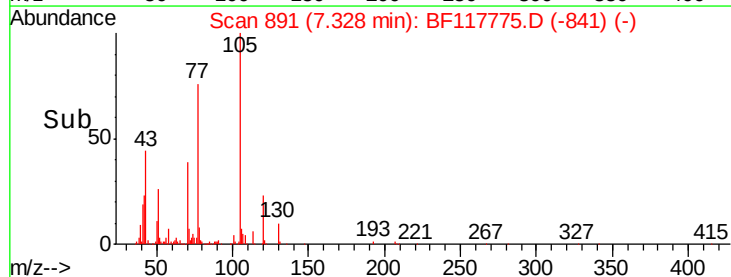
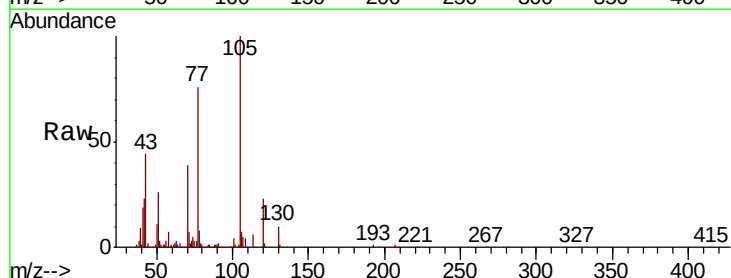
Instrument :
BNA_F
ClientSampleId :

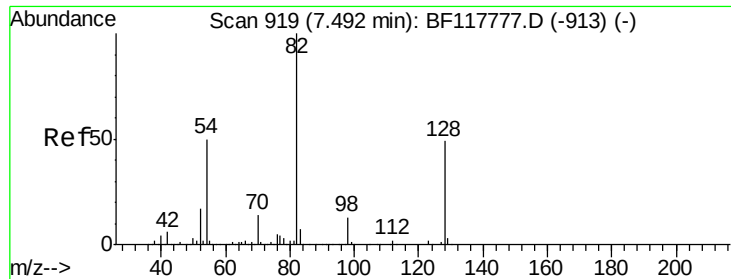
Tot Ion:136	Resp: 1011077
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.4
54 7.2	5.4 8.2
68 5.6	4.3 6.5



#22
Acetophenone
Concen: 11.958 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt	Ion:105	Resp:	276322
Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.9	7.3
51	26.2	22.7	34.1
120	22.8	18.5	27.7

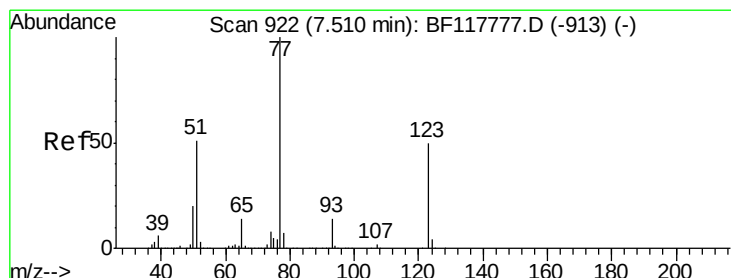
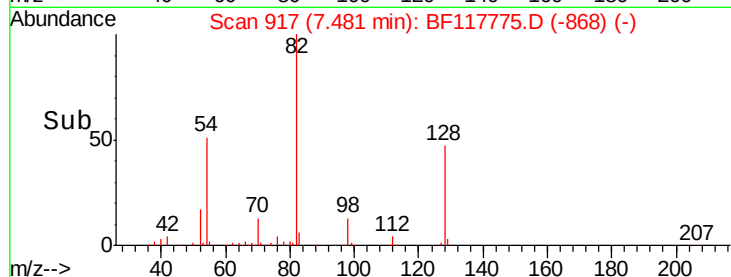
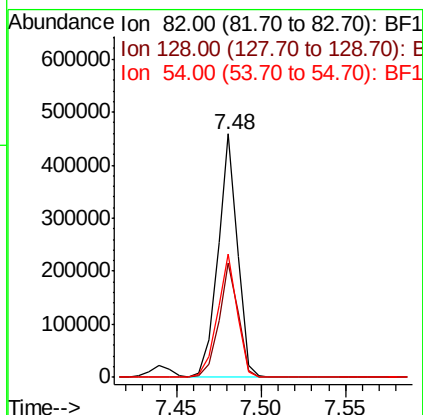
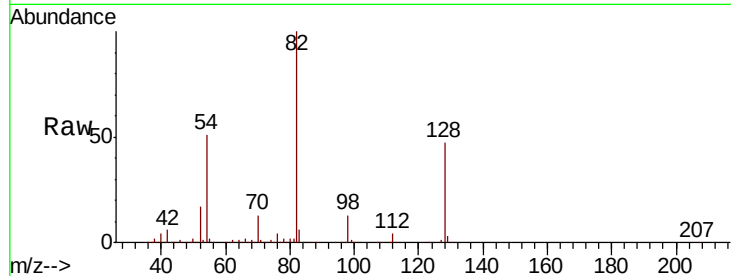




#23
 Nitrobenzene-d5
 Concen: 21.601 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

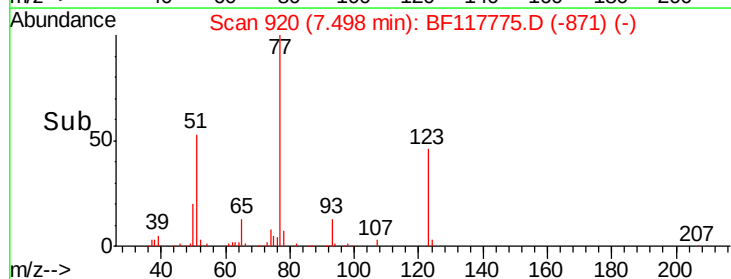
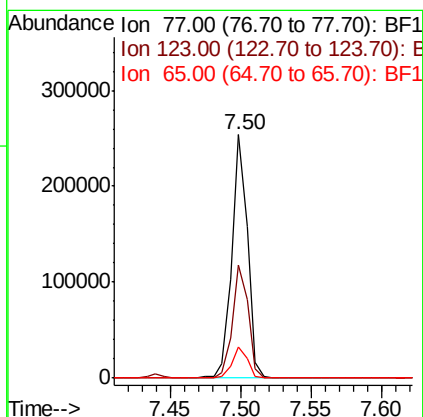
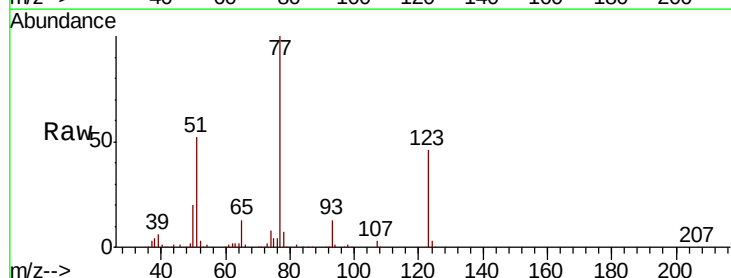
Instrument :
 BNA_F
 ClientSampleId :

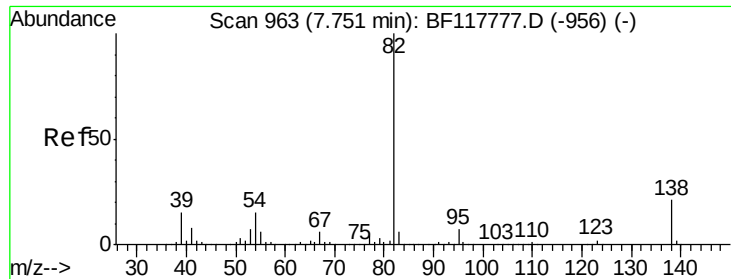
Tot Ion	82	Resp	369937
Ion Ratio	Lower	Upper	
82	100		
128	47.1	38.9	58.3
54	50.7	39.8	59.6



#24
 Nitrobenzene
 Concen: 10.948 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

Tgt Ion	77	Resp	195780
Ion Ratio	Lower	Upper	
77	100		
123	46.2	40.3	60.5
65	12.9	10.9	16.3





#25

Isophorone

Concen: 10.810 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

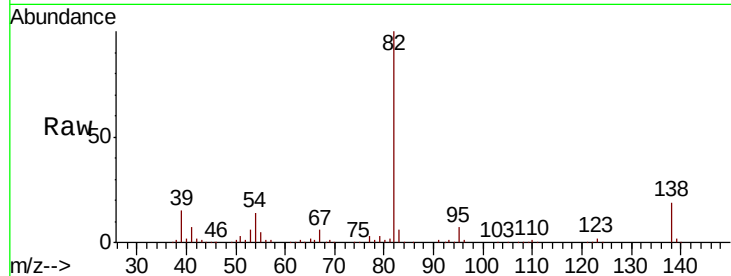
Tot Ion: 82 Resp: 354078

Ion Ratio Lower Upper

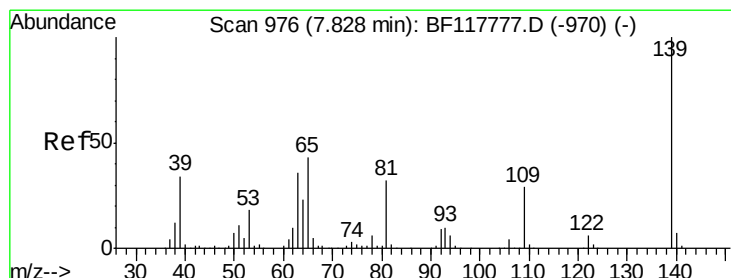
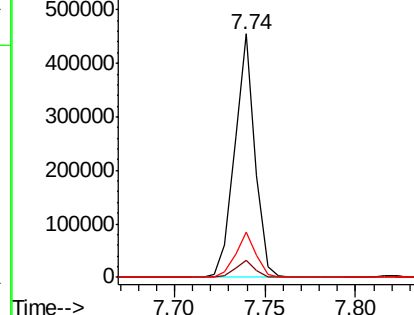
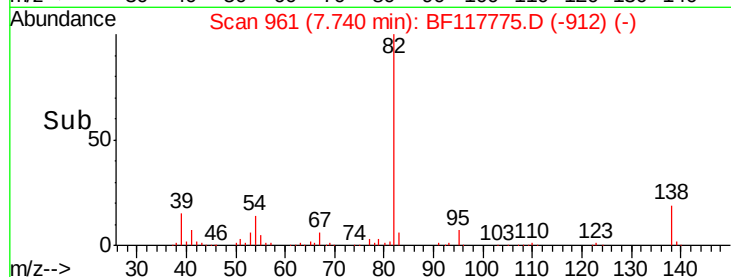
82 100

95 6.9 5.8 8.8

138 18.7 16.5 24.7



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: 9.743 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

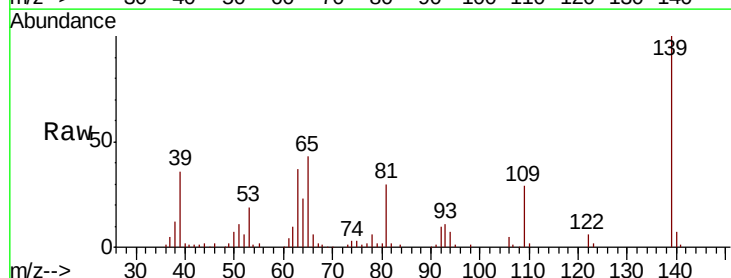
Tgt Ion: 139 Resp: 80889

Ion Ratio Lower Upper

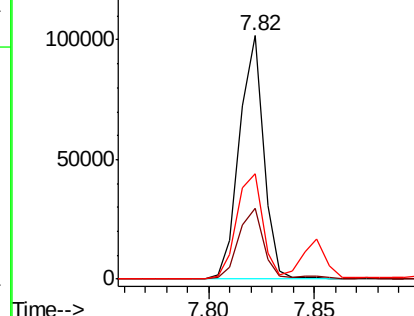
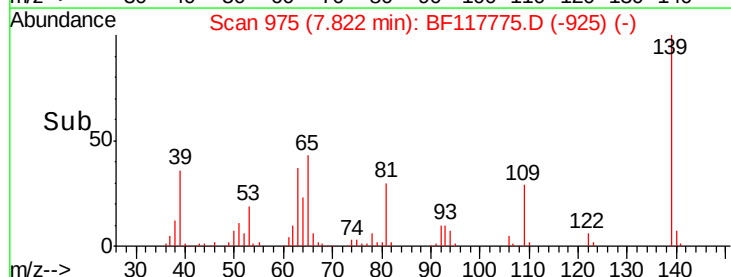
139 100

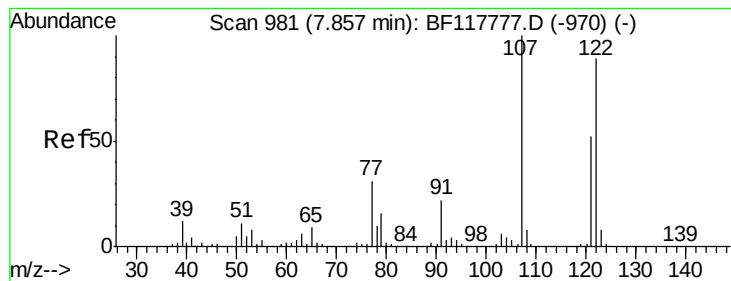
109 29.1 23.0 34.4

65 43.4 34.7 52.1



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: 10.622 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

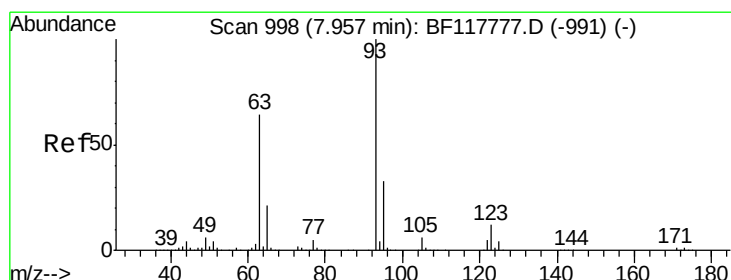
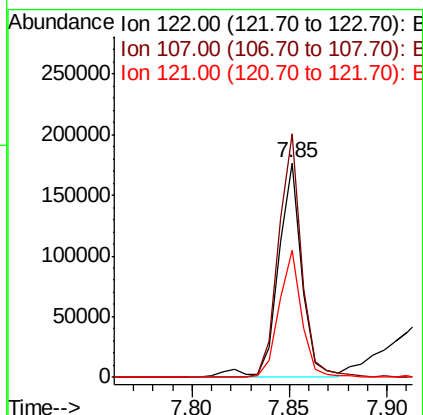
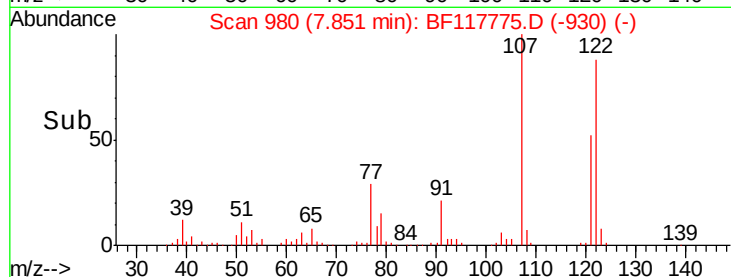
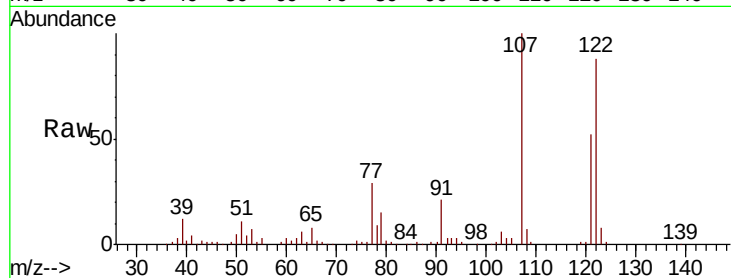
Tot Ion:122 Resp: 148693

Ion Ratio Lower Upper

122 100

107 113.4 90.0 135.0

121 59.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 11.048 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

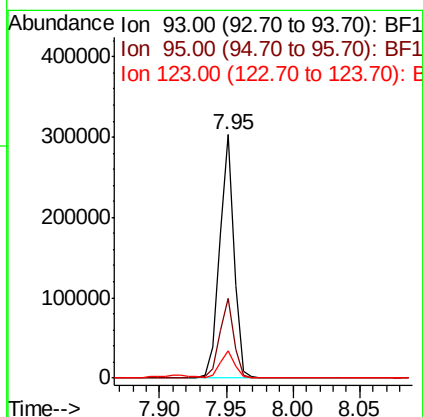
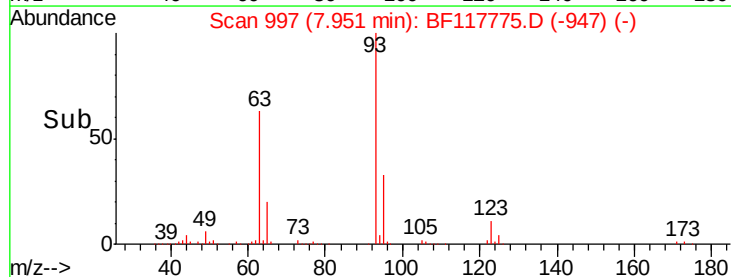
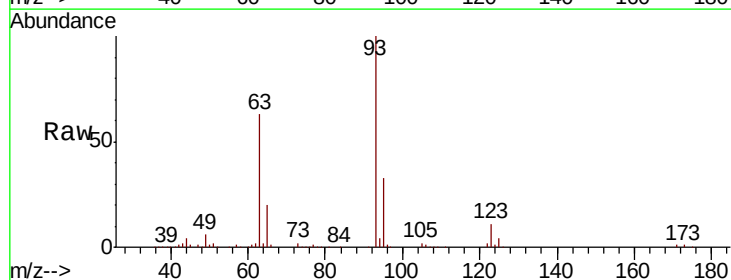
Tgt Ion: 93 Resp: 232286

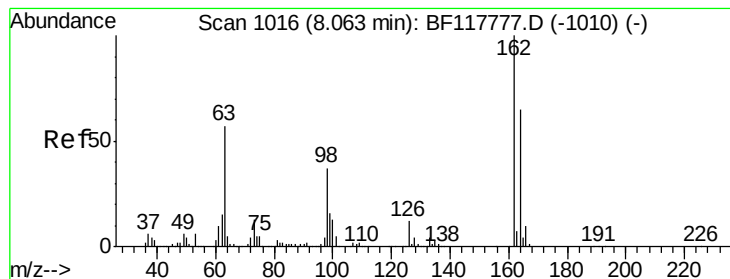
Ion Ratio Lower Upper

93 100

95 32.6 26.6 40.0

123 11.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 11.317 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

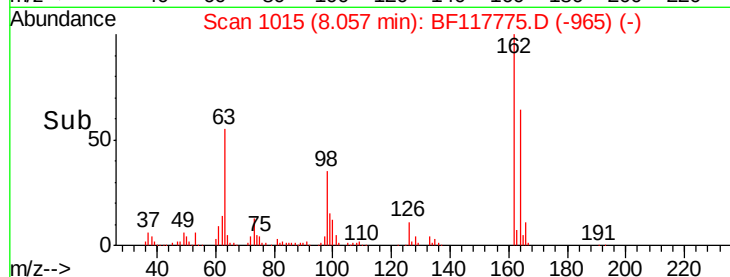
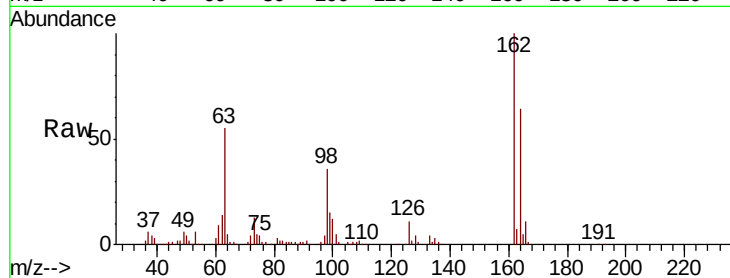
Tot Ion:162 Resp: 163224

Ion Ratio Lower Upper

162 100

164 64.3 45.1 85.1

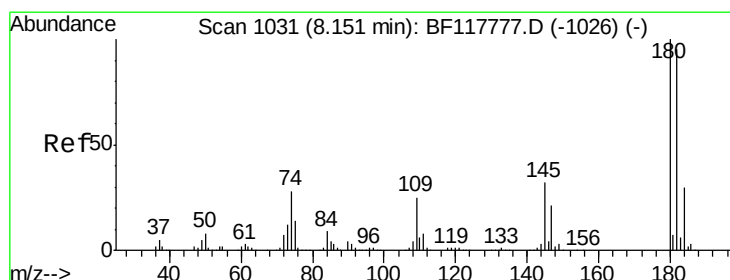
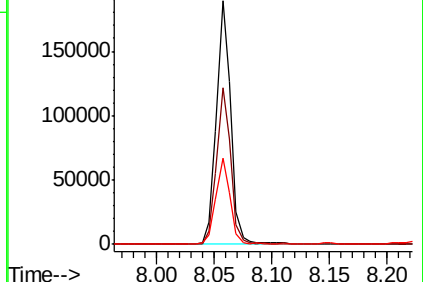
98 35.6 17.2 57.2



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: 11.810 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

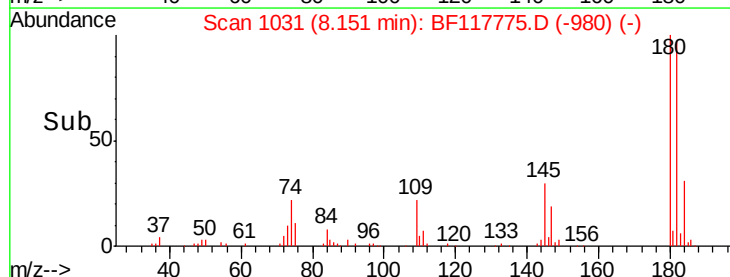
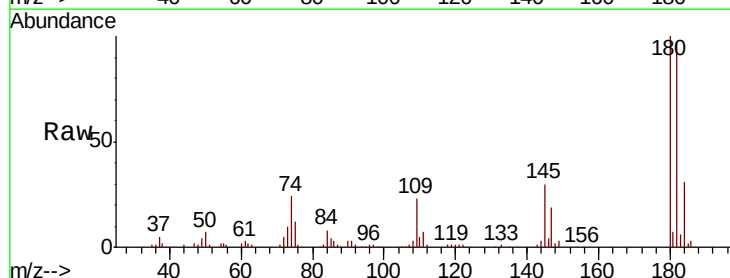
Tgt Ion:180 Resp: 194993

Ion Ratio Lower Upper

180 100

182 96.8 75.8 113.6

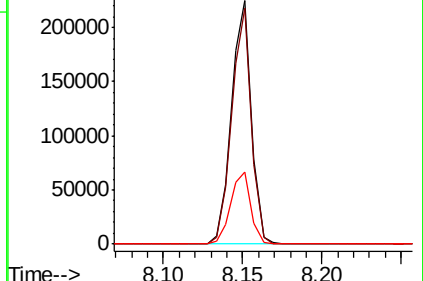
145 29.6 25.5 38.3

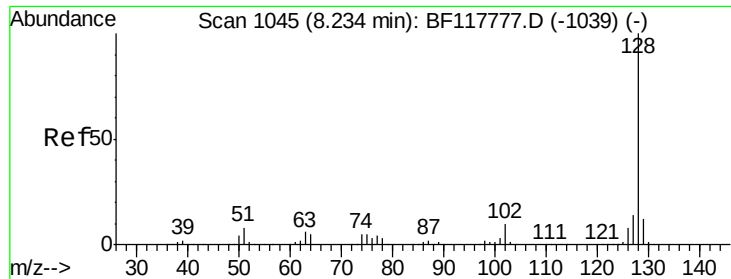


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

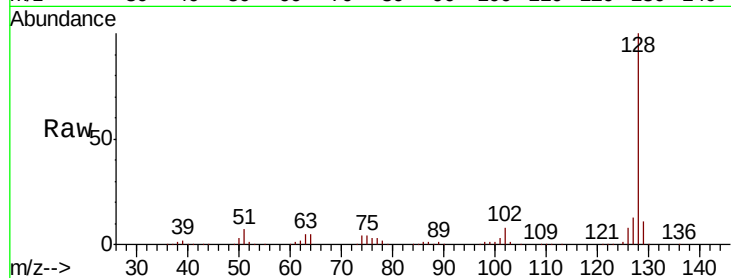




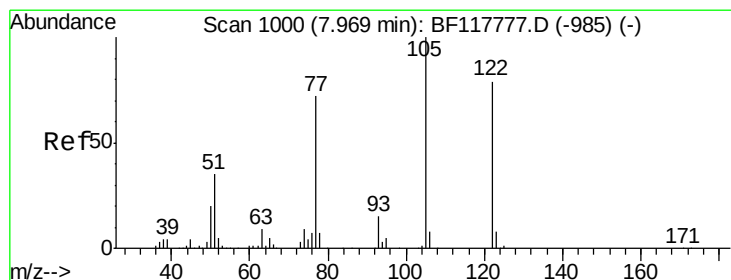
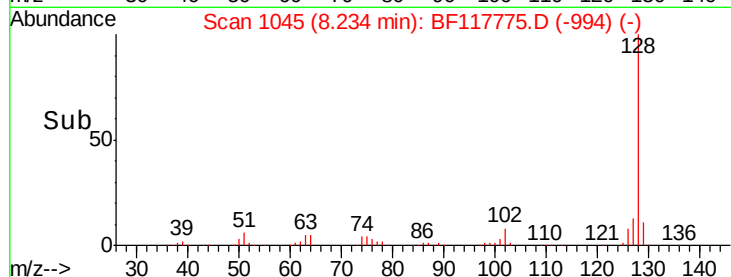
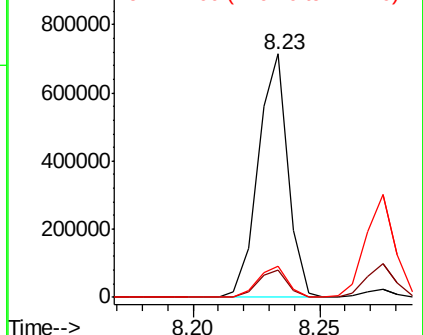
#31
Naphthalene
Concen: 12.596 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 582127
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 12.9 11.3 16.9

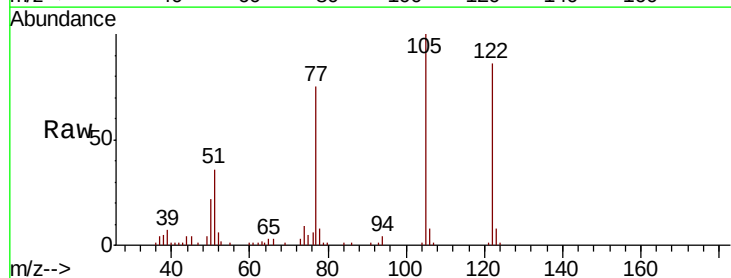


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

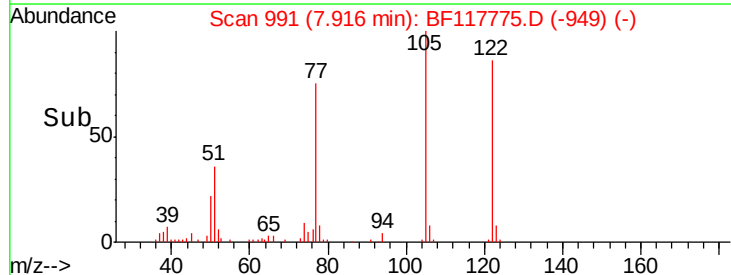
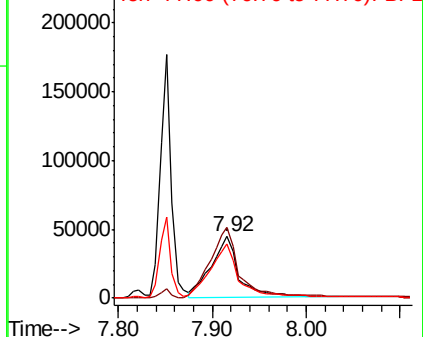


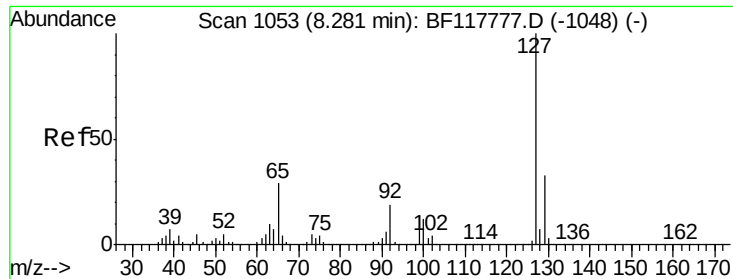
#32
Benzoic acid
Concen: 8.248 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.05 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion:122 Resp: 91402
Ion Ratio Lower Upper
122 100
105 115.7 102.7 142.7
77 87.3 70.5 110.5



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

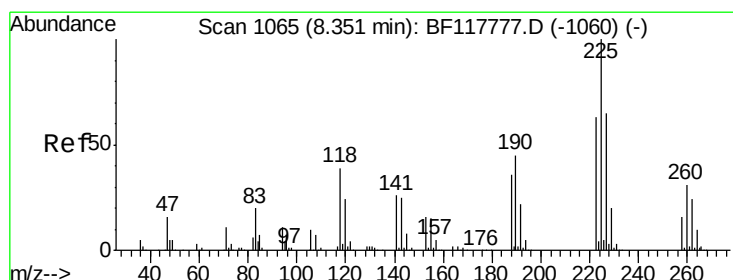
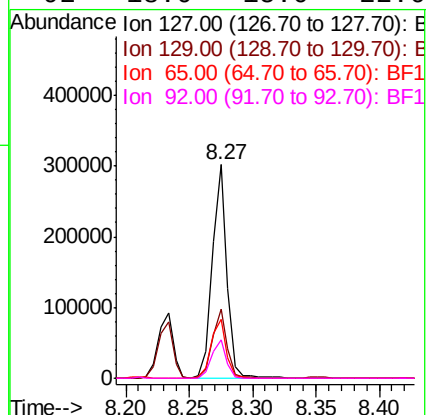
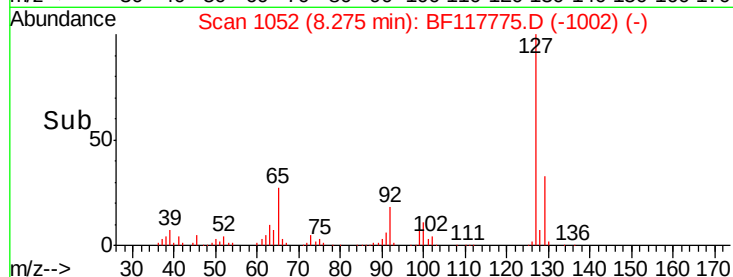
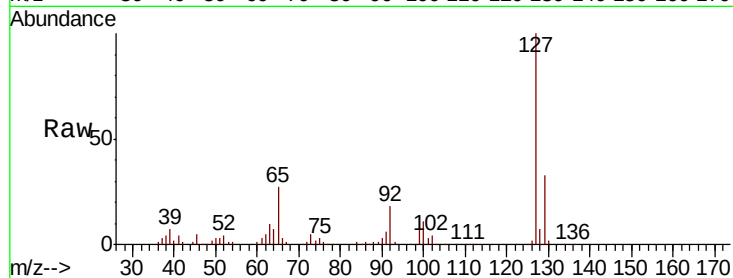




#33
4-Chloroaniline
Concen: 11.449 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

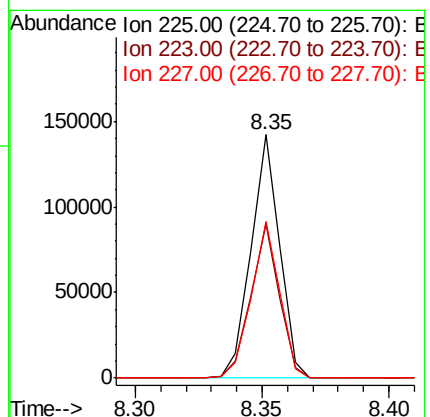
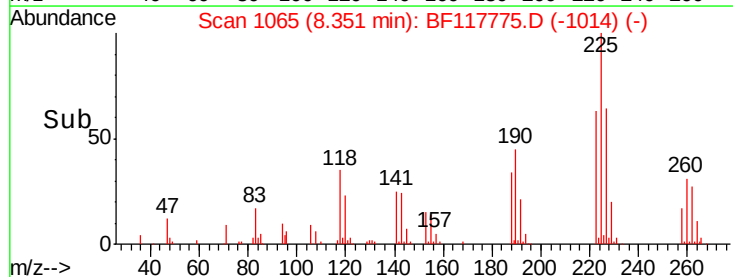
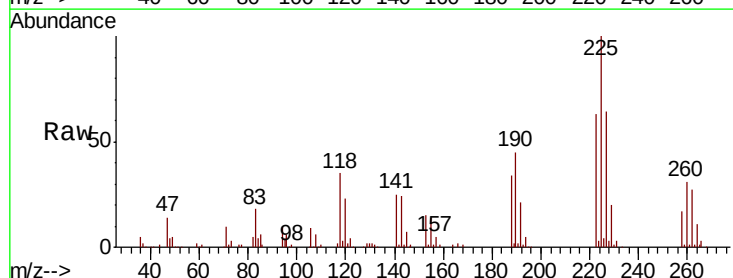
Instrument :
BNA_F
ClientSampleId :

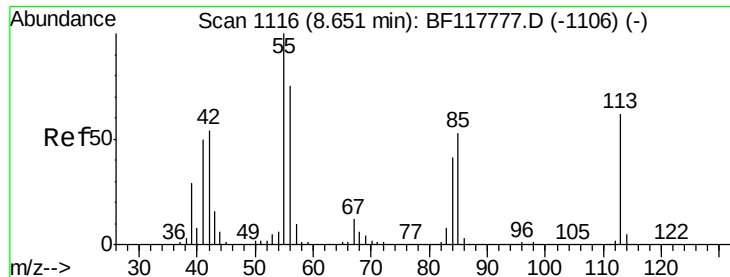
Tot Ion:	127	Resp:	245851
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	27.3	22.9	34.3
92	18.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 11.843 ng
RT: 8.35 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion:	225	Resp:	111975
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.0	75.0
227	64.4	51.8	77.6

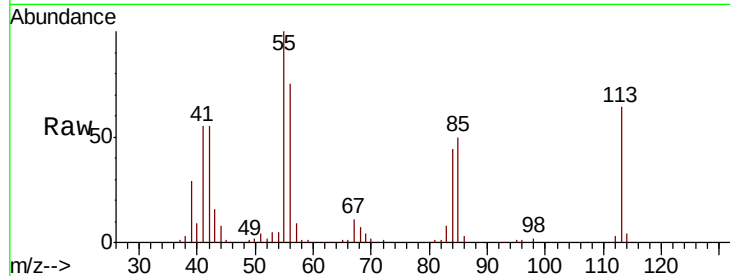




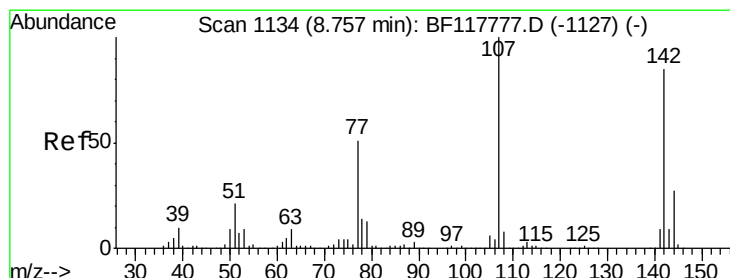
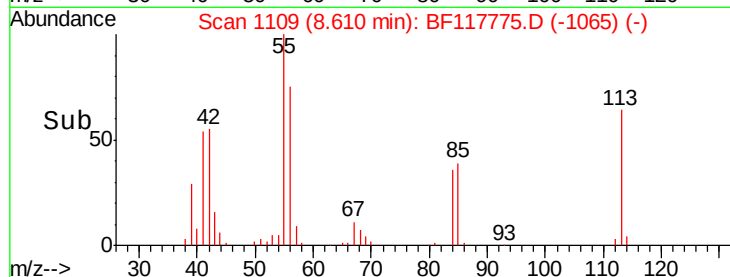
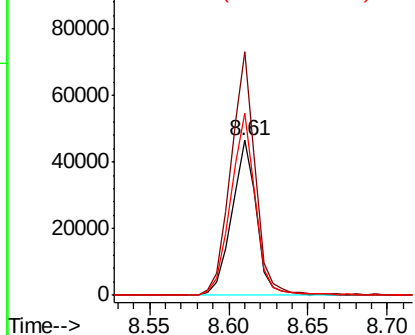
#35
Caprolactam
Concen: 10.466 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.04 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 50031
Ion Ratio Lower Upper
113 100
55 157.0 141.1 181.1
56 117.4 100.5 140.5

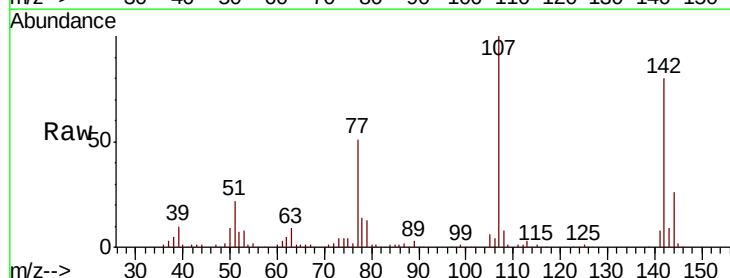


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

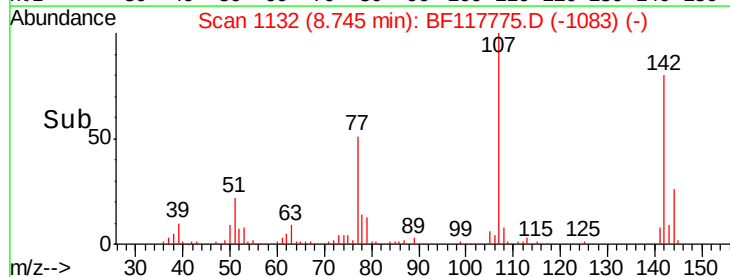
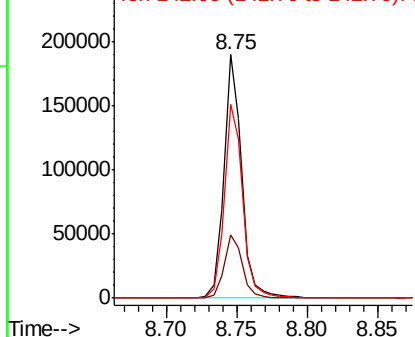


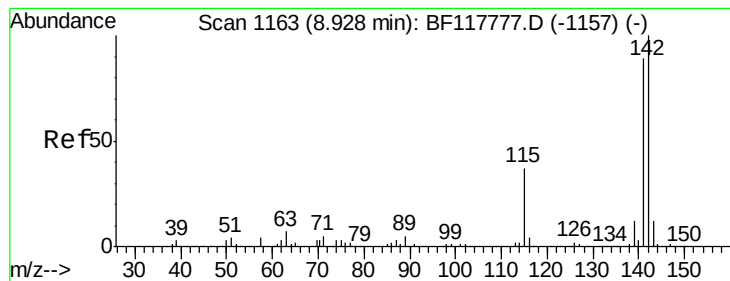
#36
4-Chloro-3-methylphenol
Concen: 11.382 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion:107 Resp: 165640
Ion Ratio Lower Upper
107 100
144 26.0 21.9 32.9
142 79.8 67.7 101.5



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: 12.486 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampled :

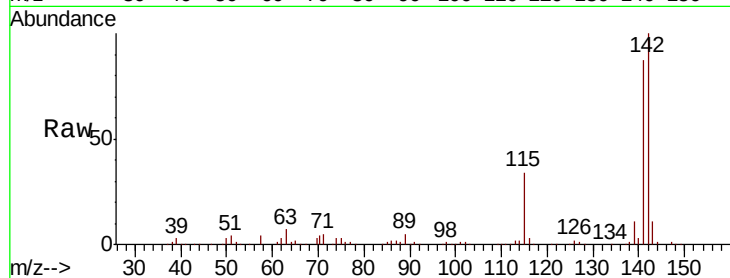
Tot Ion:142 Resp: 392848

Ion Ratio Lower Upper

142 100

141 86.9 71.1 106.7

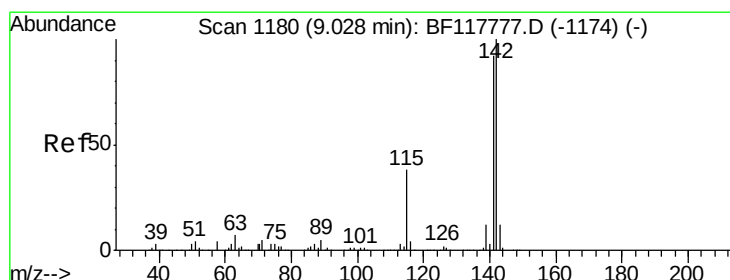
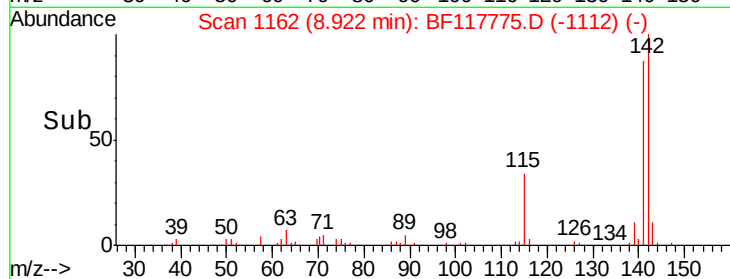
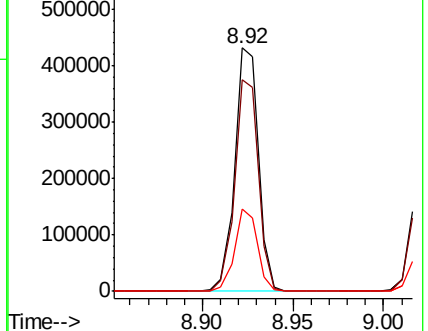
115 33.8 29.2 43.8



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: 12.429 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

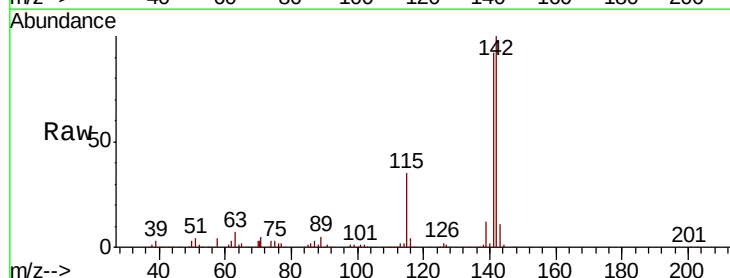
Tgt Ion:142 Resp: 371336

Ion Ratio Lower Upper

142 100

141 92.5 73.5 110.3

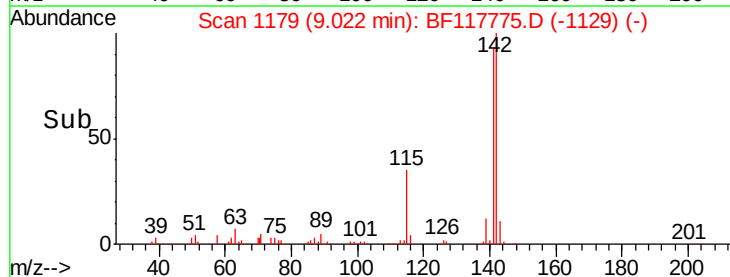
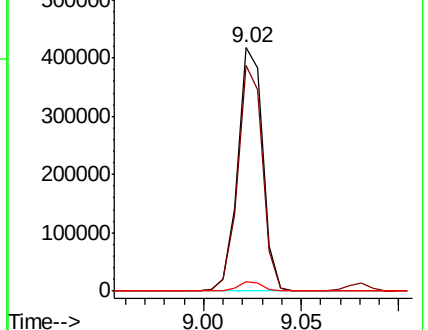
116 3.9 3.2 4.8

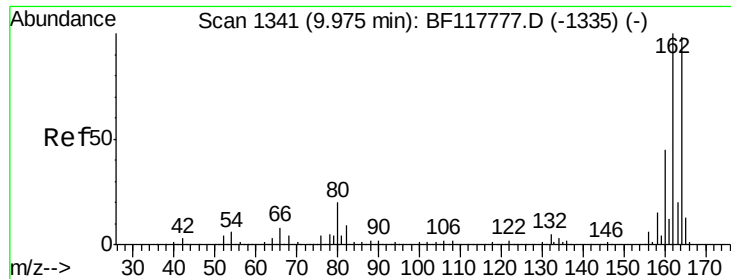


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

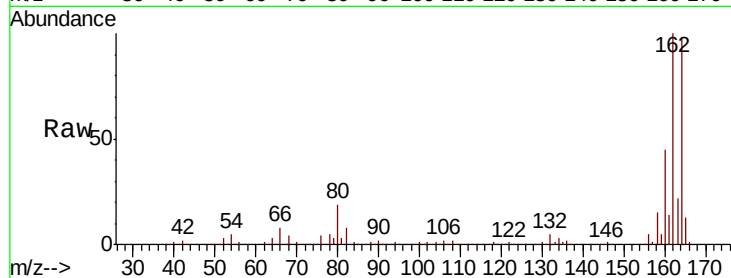




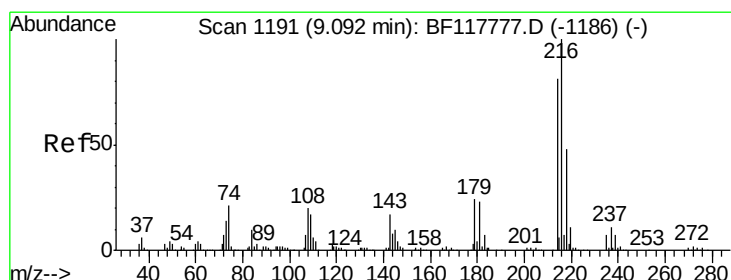
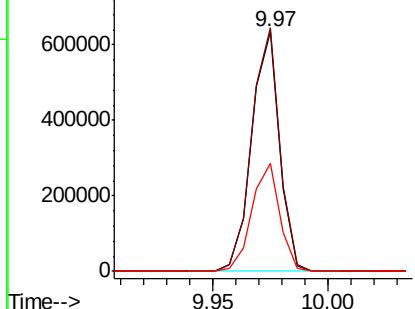
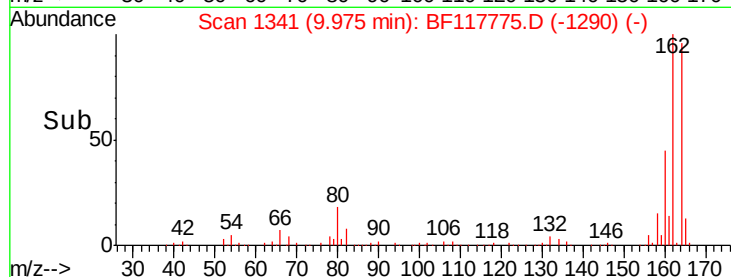
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 535017
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 45.4 36.6 55.0

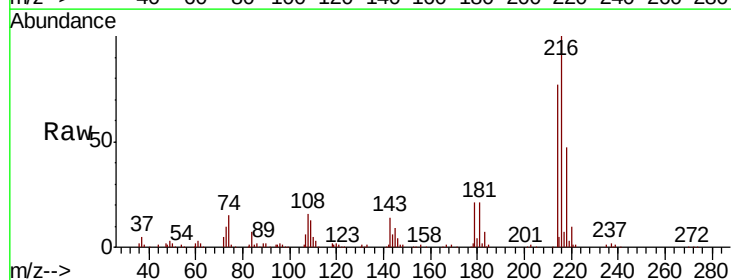


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

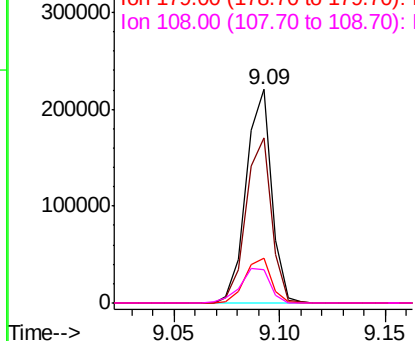
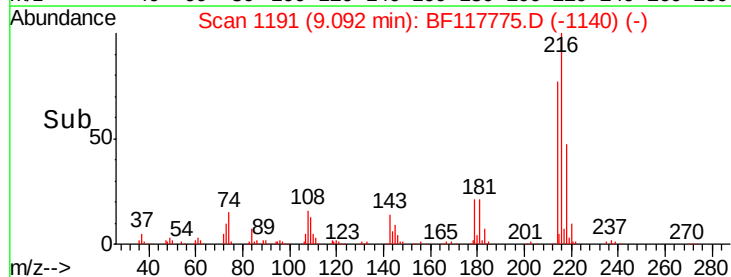


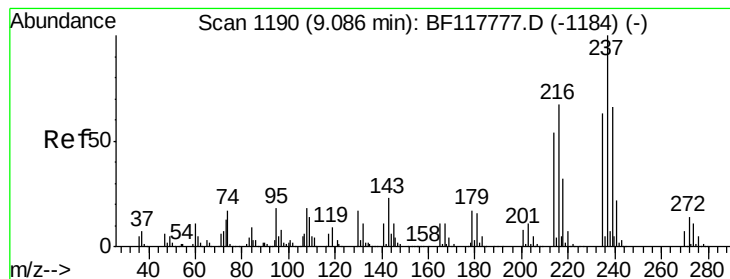
#40
1,2,4,5-Tetrachlorobenzene
Concen: 12.557 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion:216 Resp: 183792
Ion Ratio Lower Upper
216 100
214 78.1 63.4 95.0
179 21.5 18.2 27.4
108 19.1 16.0 24.0



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: 11.090 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

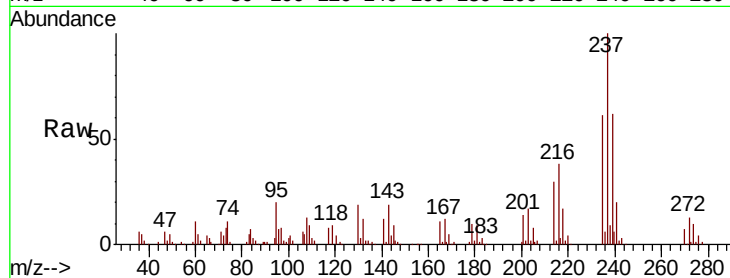
Tot Ion:237 Resp: 87566

Ion Ratio Lower Upper

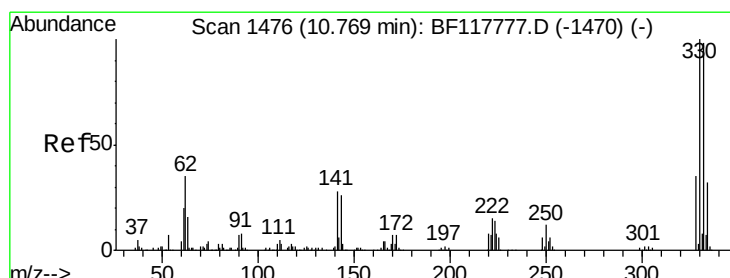
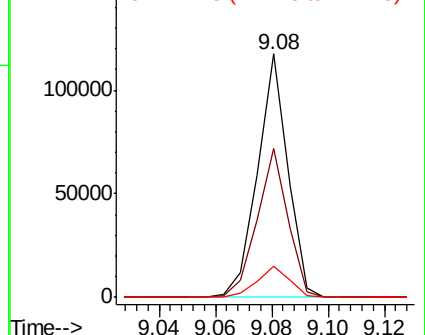
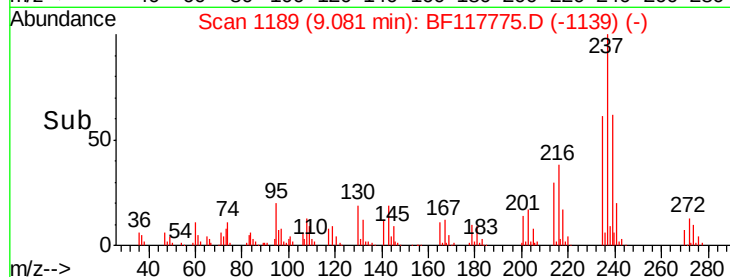
237 100

235 61.3 42.6 82.6

272 12.9 0.0 34.3



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: 25.102 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

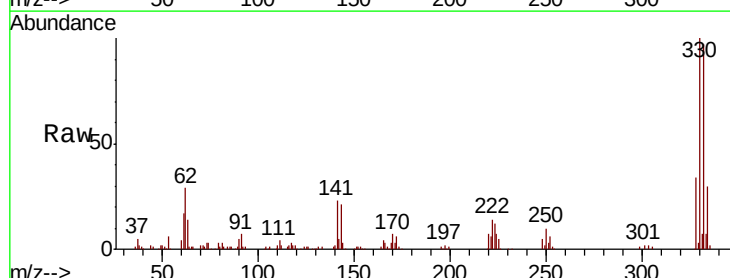
Tgt Ion:330 Resp: 131377

Ion Ratio Lower Upper

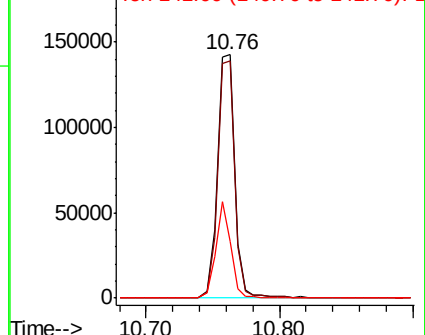
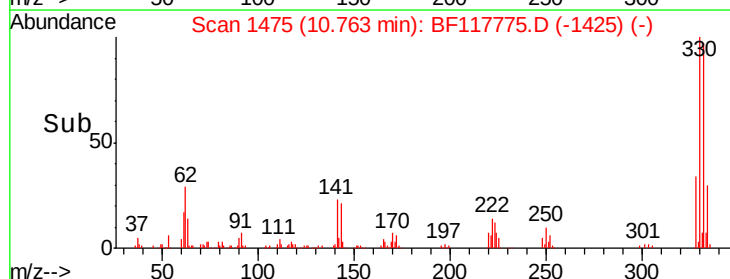
330 100

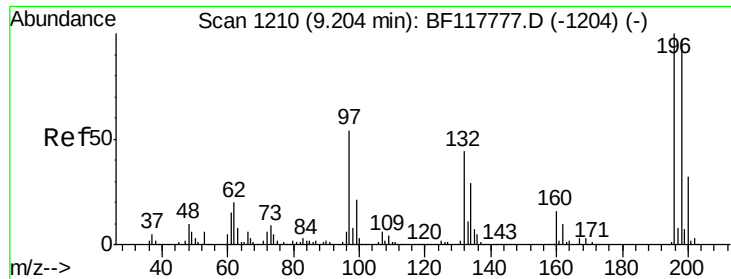
332 95.9 76.7 115.1

141 33.7 27.7 41.5



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

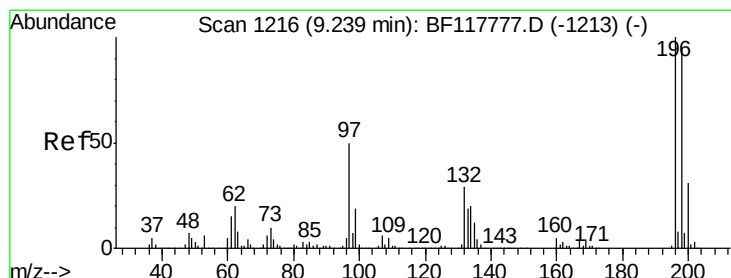
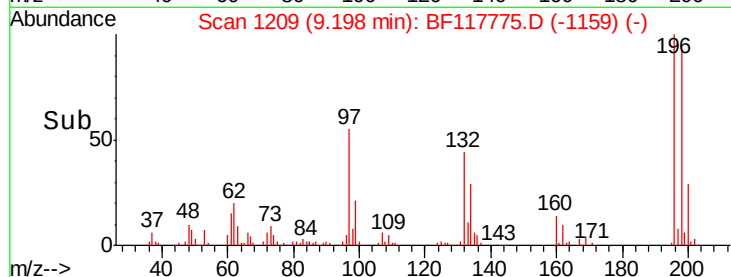
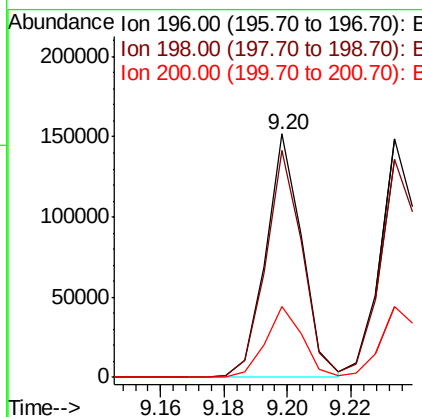
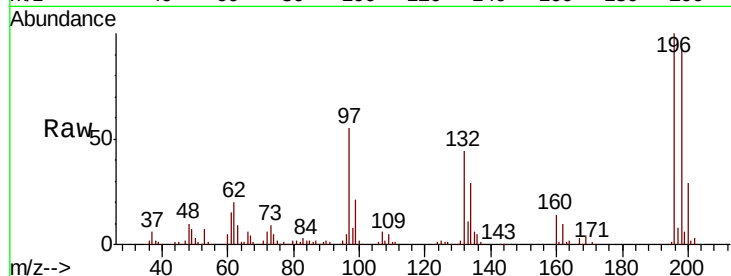




#43
 2,4,6-Trichlorophenol
 Concen: 11.288 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

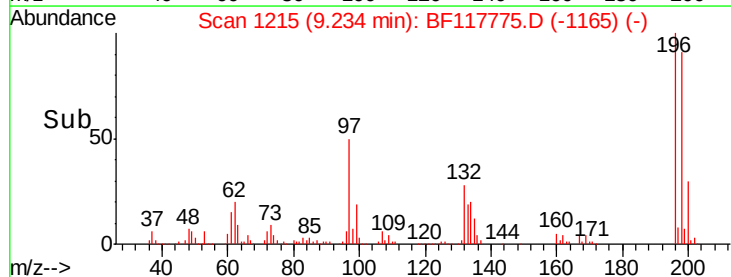
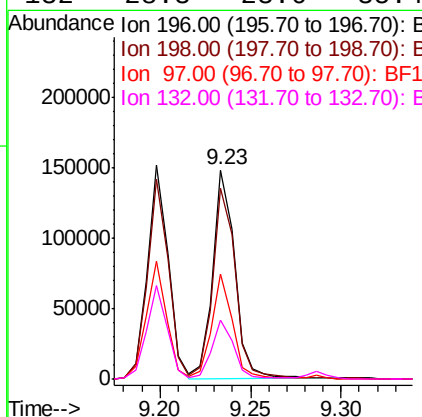
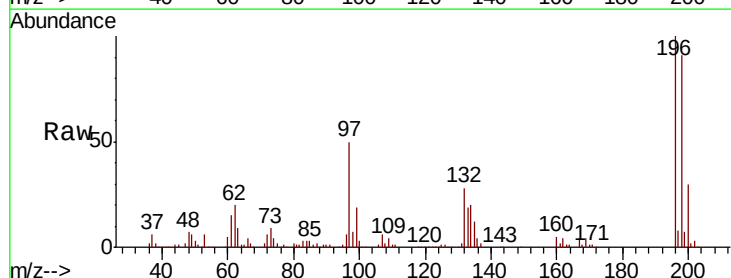
Instrument :
 BNA_F
 ClientSampled :

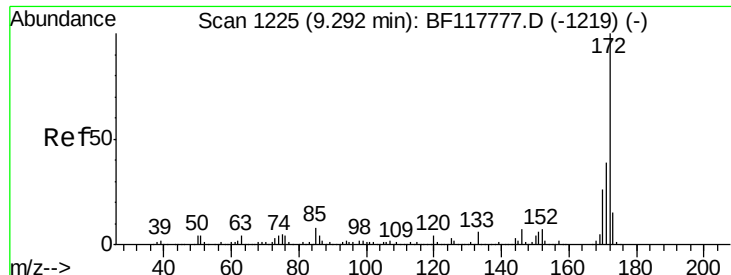
Tot Ion:196 Resp: 120334
 Ion Ratio Lower Upper
 196 100
 198 93.3 77.8 116.6
 200 28.9 25.4 38.0



#44
 2,4,5-Trichlorophenol
 Concen: 11.599 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

Tgt Ion:196 Resp: 125328
 Ion Ratio Lower Upper
 196 100
 198 91.2 76.3 114.5
 97 50.0 40.0 60.0
 132 28.3 23.6 35.4

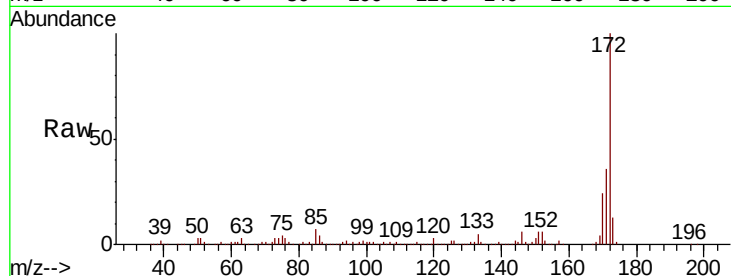




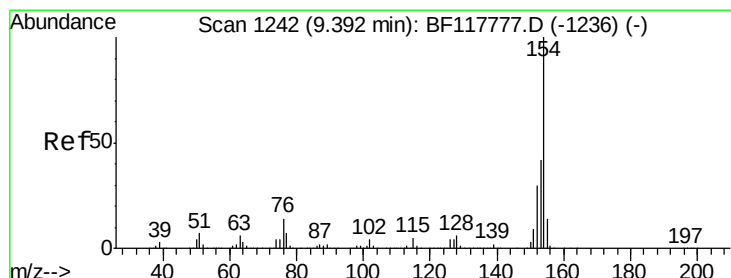
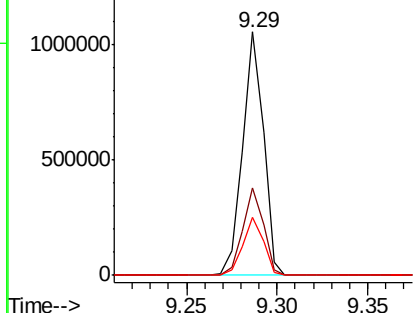
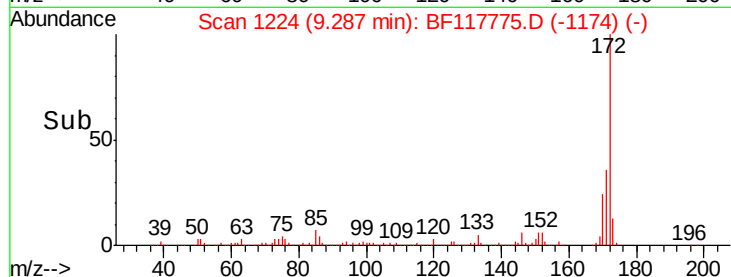
#45
2-Fluorobiphenyl
Concen: 31.127 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 844058
Ion Ratio Lower Upper
172 100
171 35.8 30.9 46.3
170 23.9 21.0 31.4

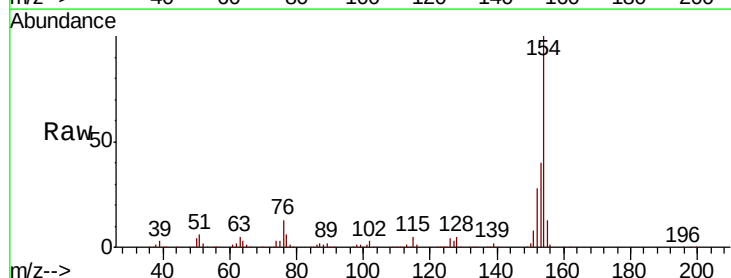


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

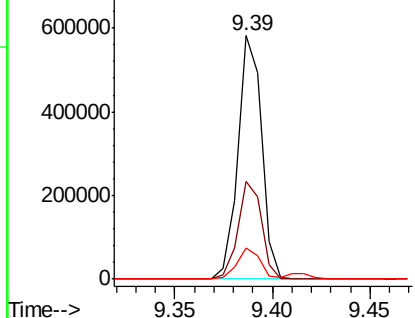
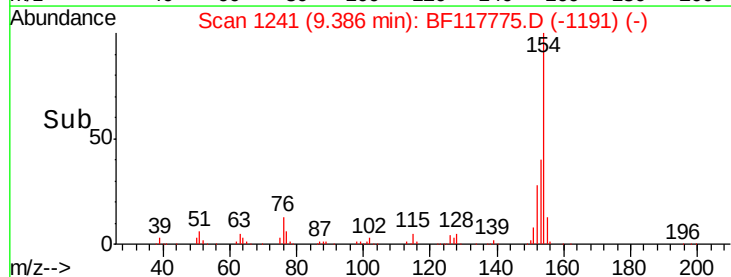


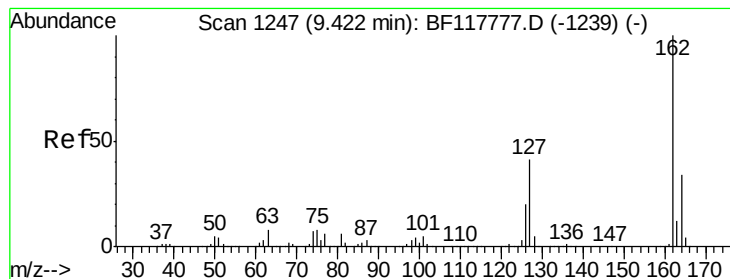
#46
1,1'-Biphenyl
Concen: 13.055 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion:154 Resp: 489175
Ion Ratio Lower Upper
154 100
153 40.3 21.9 61.9
76 12.8 0.0 33.6



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: 12.400 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

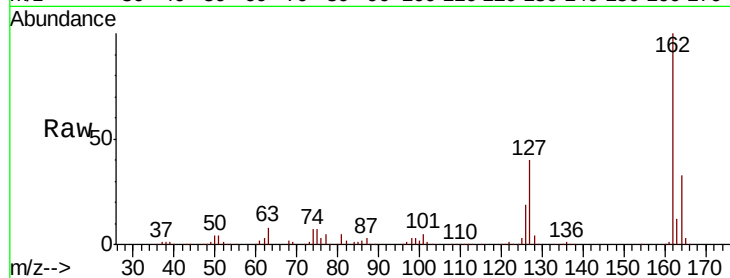
Tot Ion:162 Resp: 385570

Ion Ratio Lower Upper

162 100

127 40.3 33.2 49.8

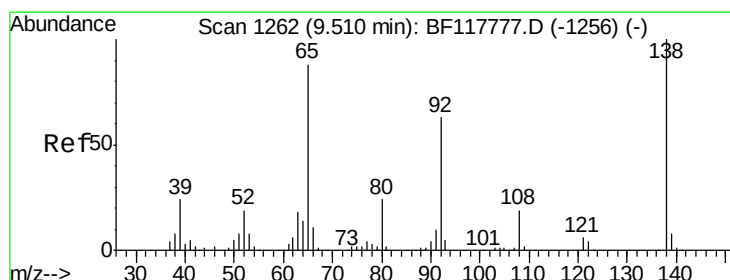
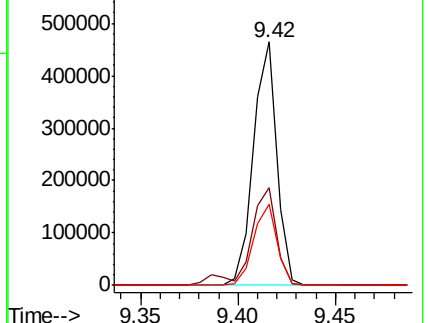
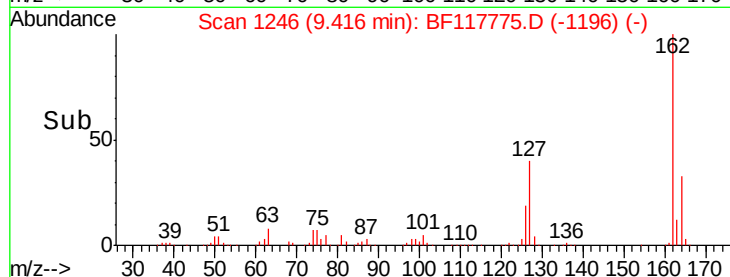
164 33.3 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 10.015 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

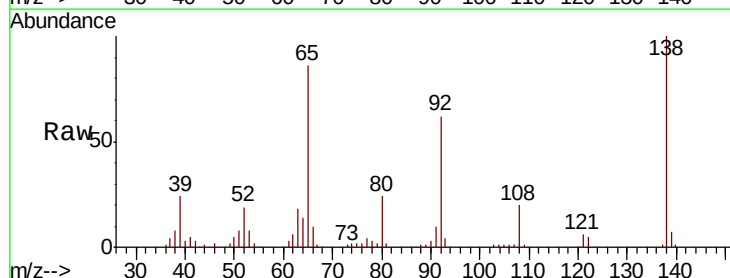
Tgt Ion: 65 Resp: 97596

Ion Ratio Lower Upper

65 100

92 72.5 56.6 84.8

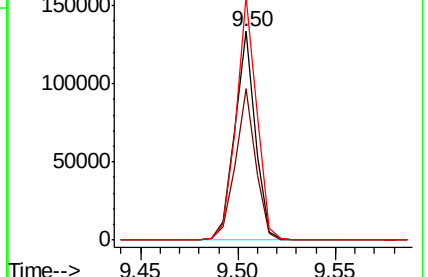
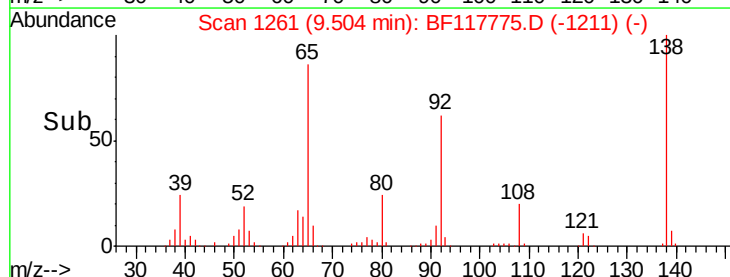
138 116.6 90.5 135.7

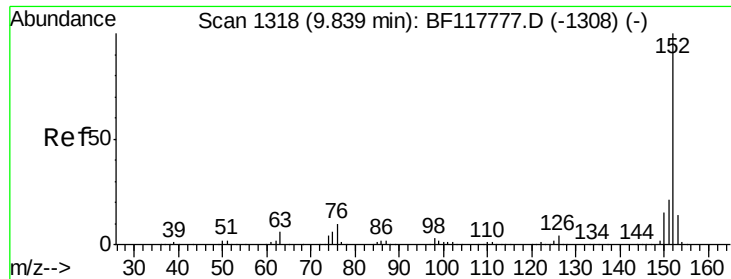


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 12.849 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

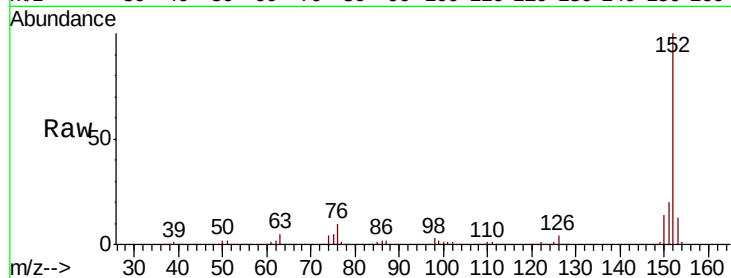
Tot Ion:152 Resp: 581846

Ion Ratio Lower Upper

152 100

151 20.0 17.0 25.6

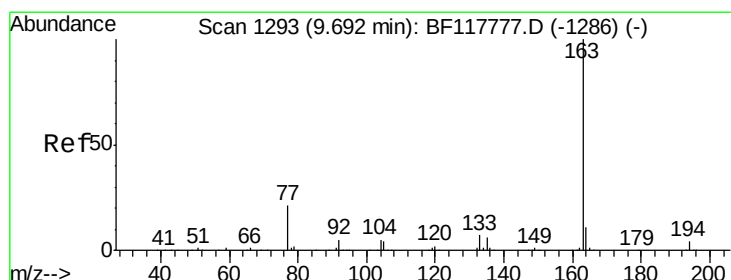
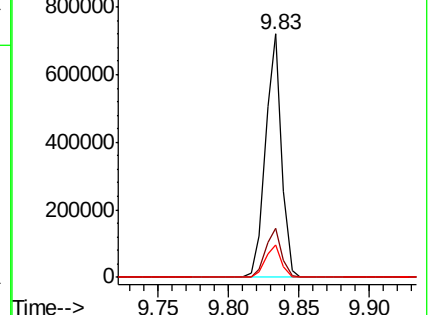
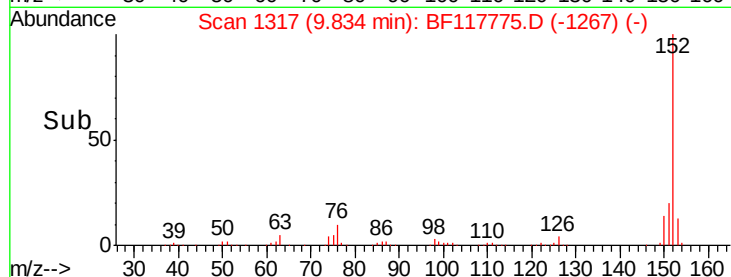
153 13.1 11.0 16.6



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: 12.049 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

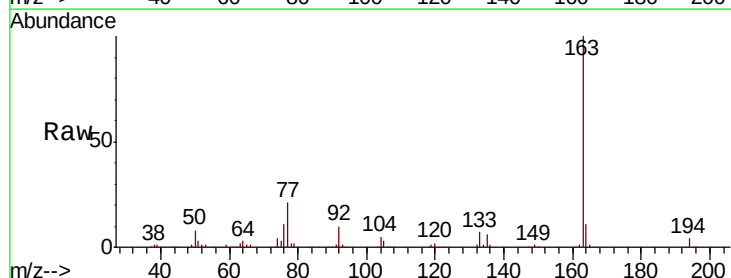
Tgt Ion:163 Resp: 435818

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

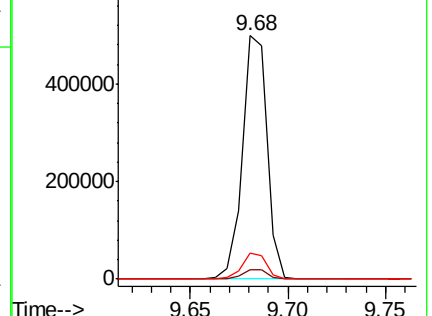
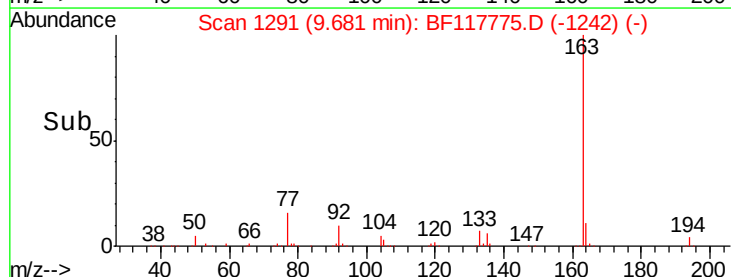
164 10.7 8.7 13.1

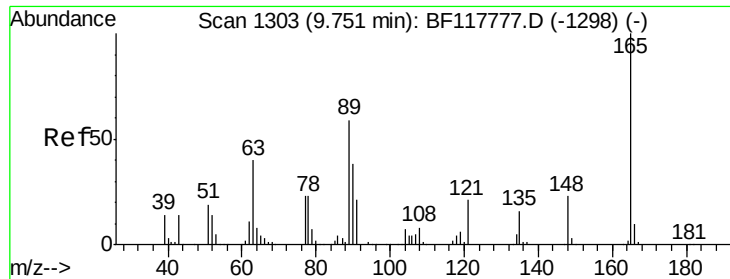


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 10.369 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampled :

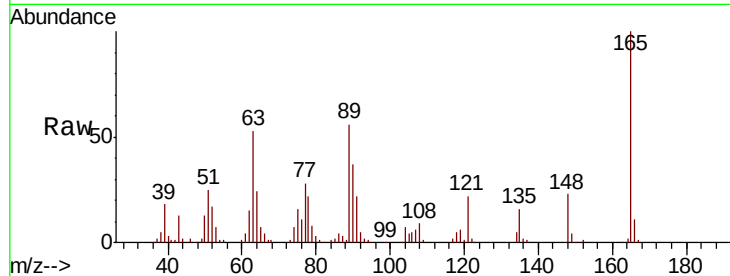
Tot Ion:165 Resp: 83978

Ion Ratio Lower Upper

165 100

63 53.0 46.0 69.0

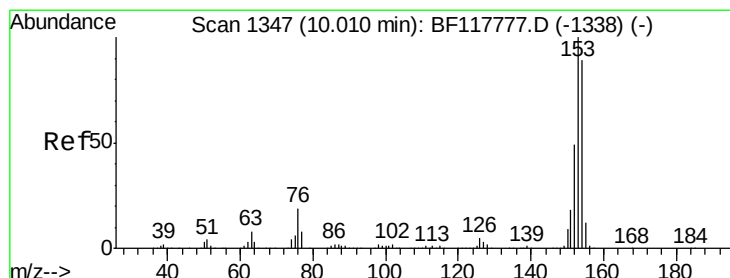
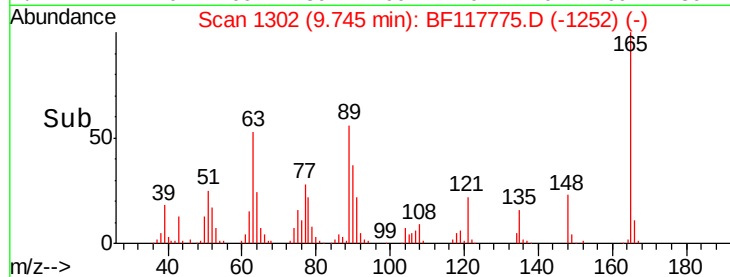
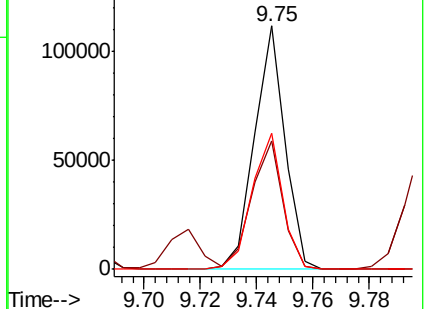
89 56.0 47.7 71.5



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: 12.412 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

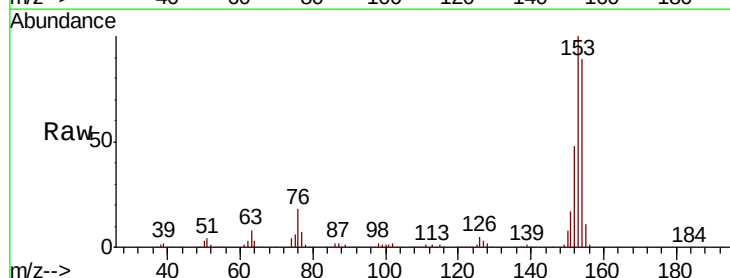
Tgt Ion:154 Resp: 362702

Ion Ratio Lower Upper

154 100

153 112.1 90.1 135.1

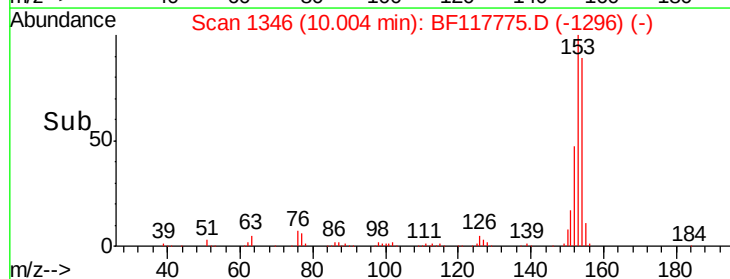
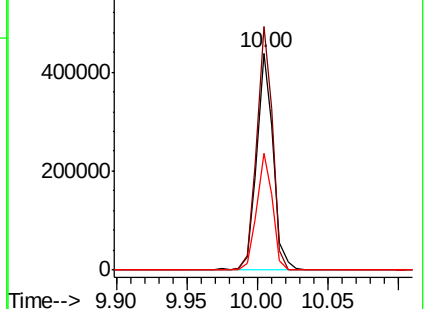
152 54.0 44.0 66.0

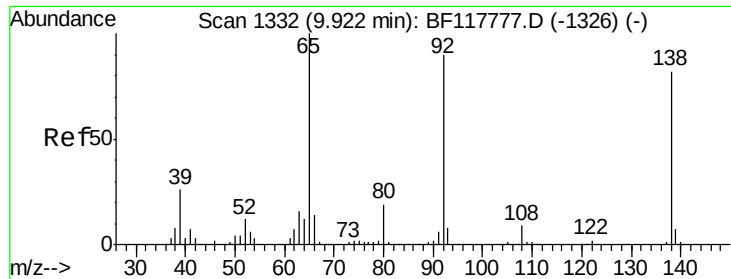


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

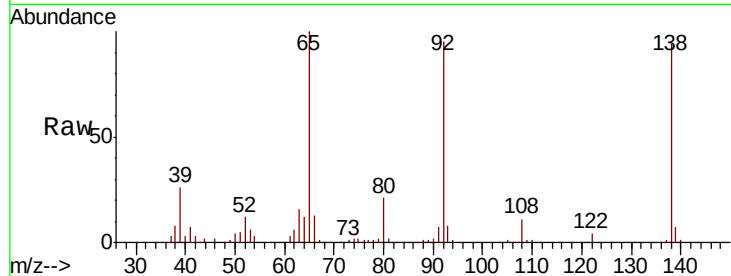




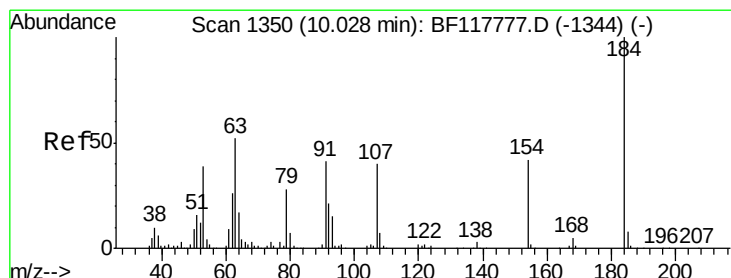
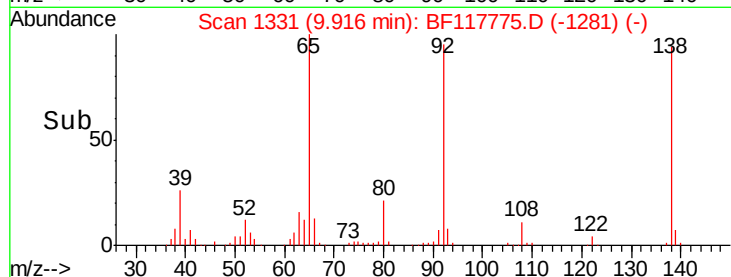
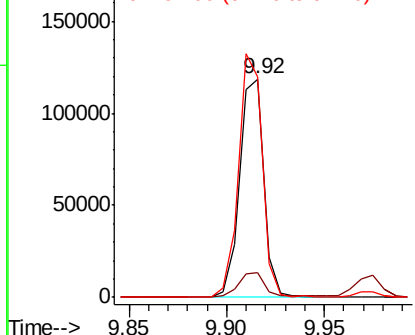
#53
3-Nitroaniline
Concen: 10.435 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 101963
Ion Ratio Lower Upper
138 100
108 11.5 8.6 12.8
92 101.0 87.9 131.9

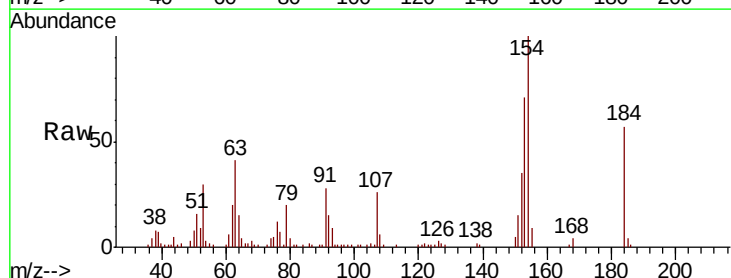


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

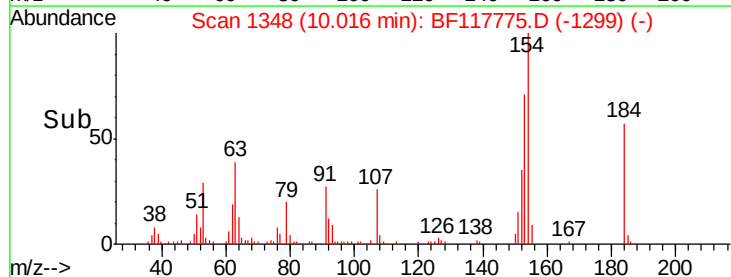
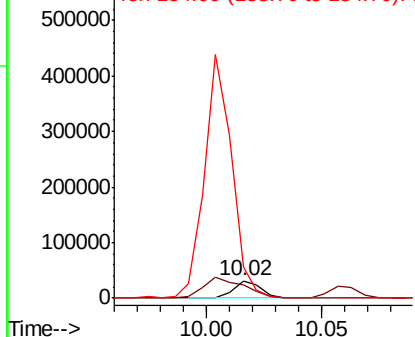


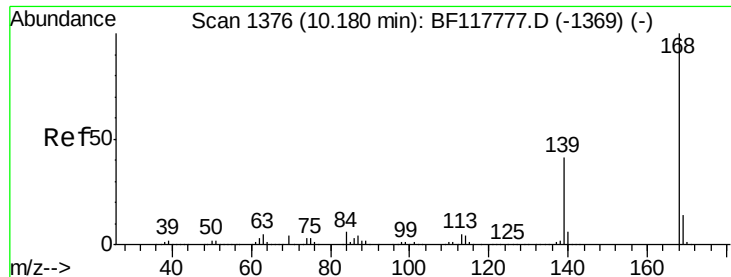
#54
2,4-Dinitrophenol
Concen: 9.164 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion:184 Resp: 25444
Ion Ratio Lower Upper
184 100
63 72.2 43.0 64.6#
154 174.4 48.0 72.0#



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





#55

Dibenzenofuran

Concen: 12.840 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

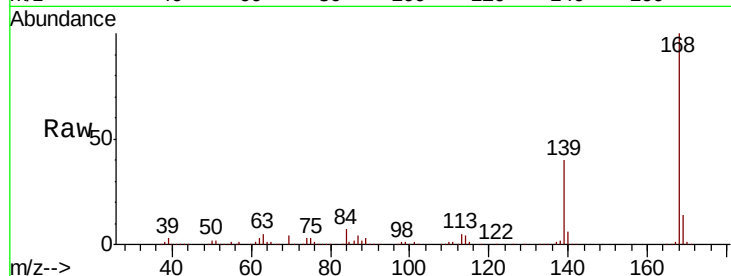
Tot Ion:168 Resp: 525016

Ion Ratio Lower Upper

168 100

139 39.6 33.0 49.6

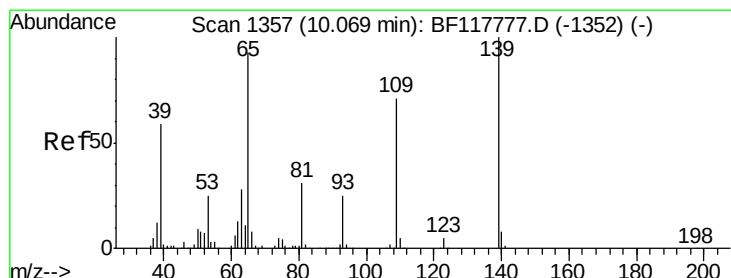
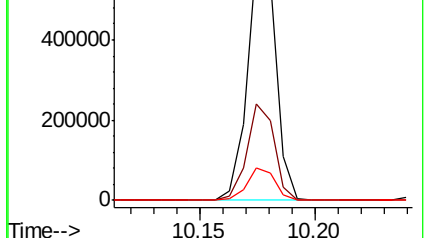
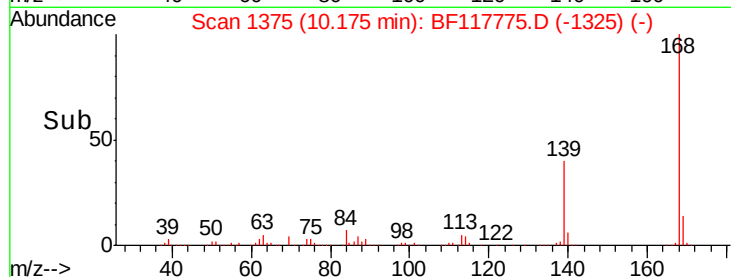
169 13.6 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 10.099 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

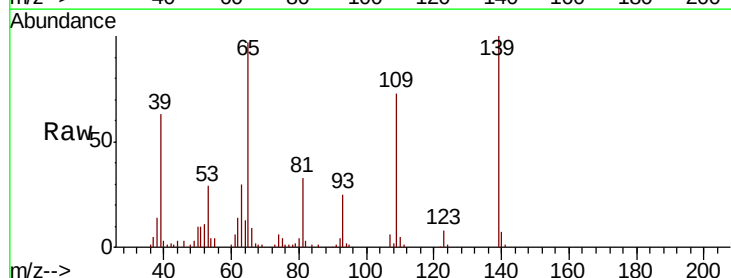
Tgt Ion:139 Resp: 74211

Ion Ratio Lower Upper

139 100

109 73.4 50.8 90.8

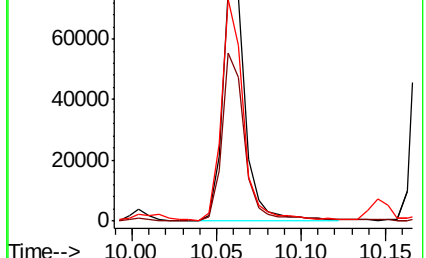
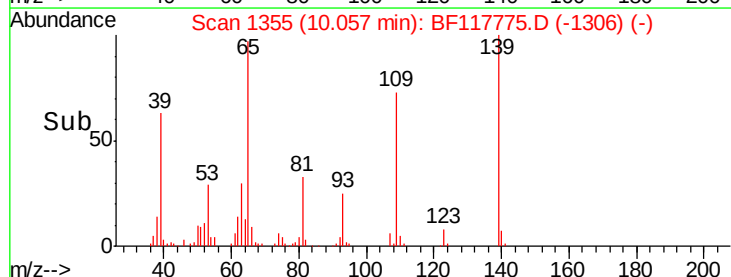
65 96.7 73.6 113.6

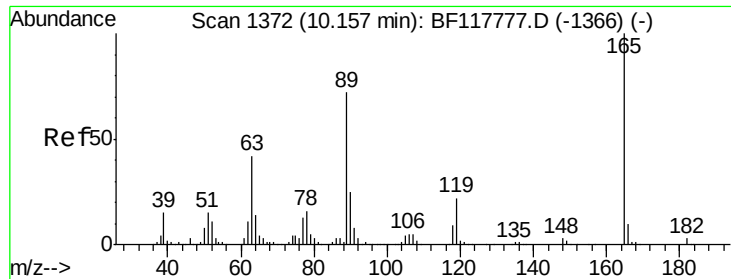


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

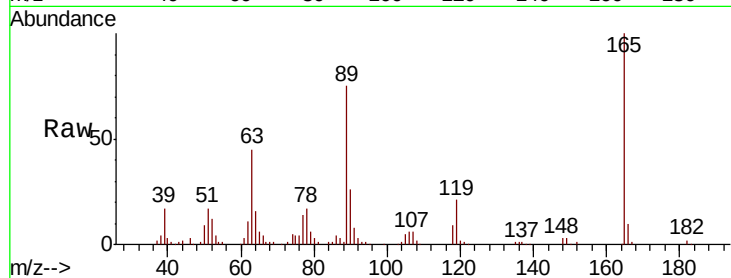




#57
2,4-Dinitrotoluene
Concen: 9.893 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	33.7	50.5
89	75.4	57.3	85.9
182	2.3	2.3	3.5#



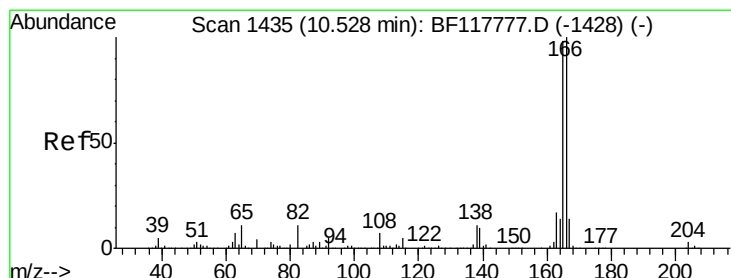
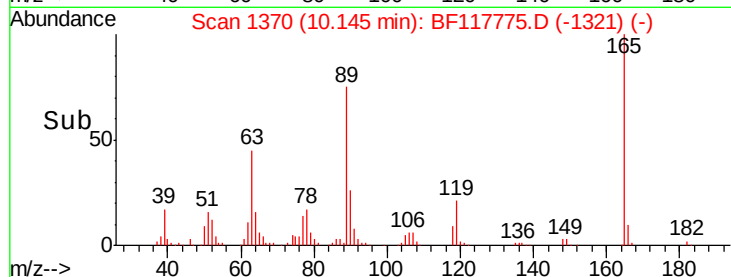
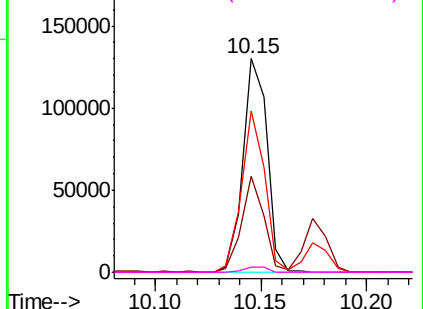
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

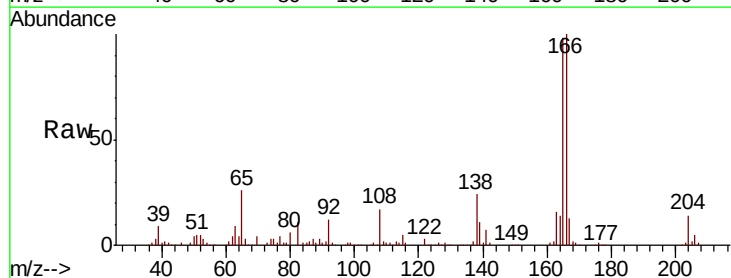
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 13.415 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	13.3	11.0	16.4

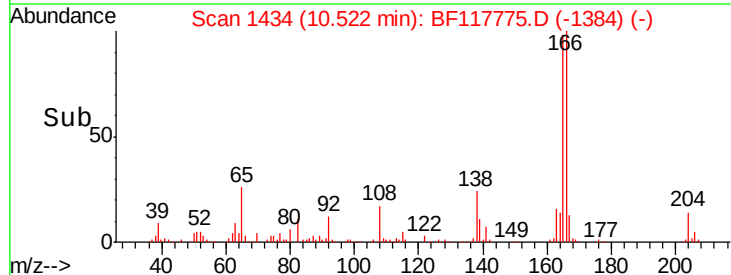
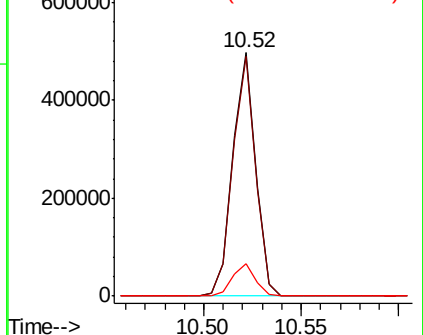


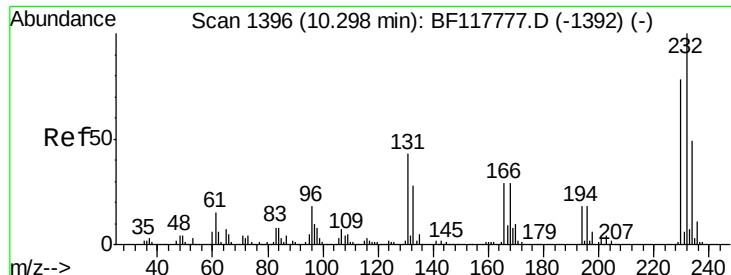
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

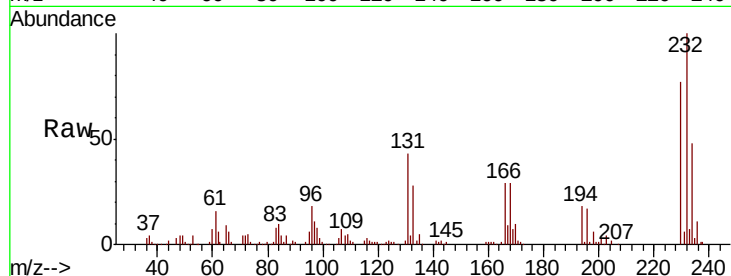




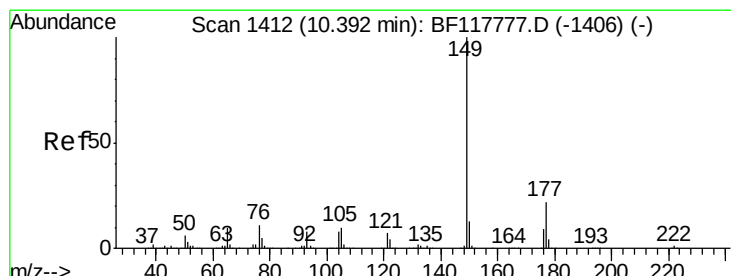
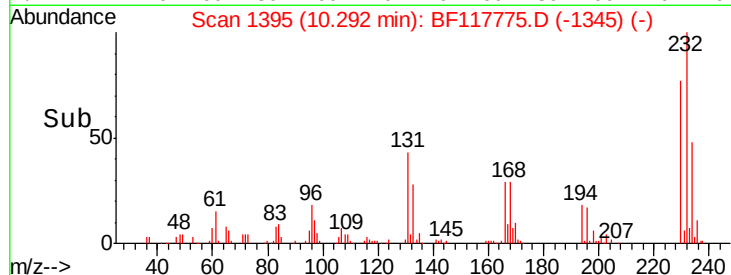
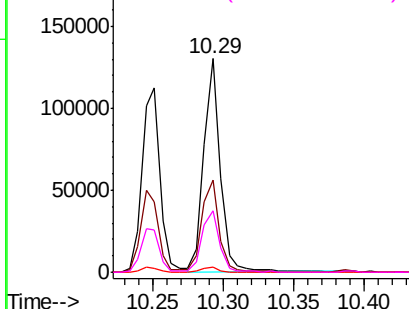
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 11.805 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	106039
Ion Ratio	Lower	Upper
232	100	
131	46.2	37.6 56.4
130	2.4	1.9 2.9
166	31.1	24.2 36.4

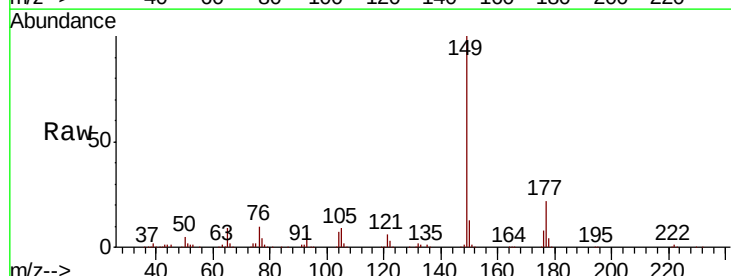


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

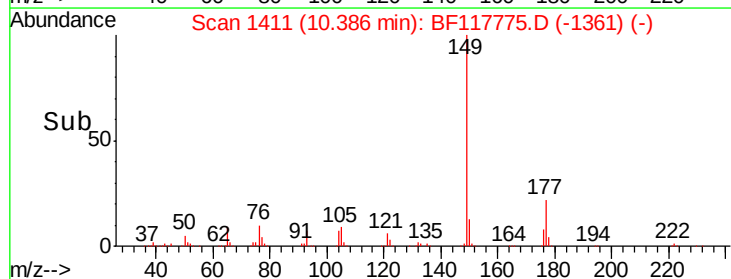
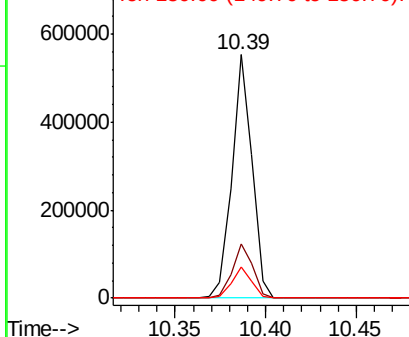


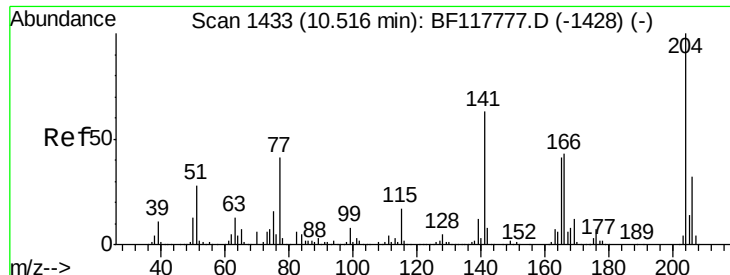
#60
 Diethylphthalate
 Concen: 11.985 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

Tgt Ion:149	Resp:	426294
Ion Ratio	Lower	Upper
149	100	
177	22.2	18.0 27.0
150	12.6	10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

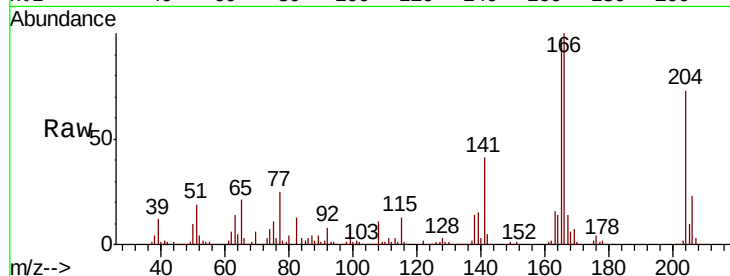




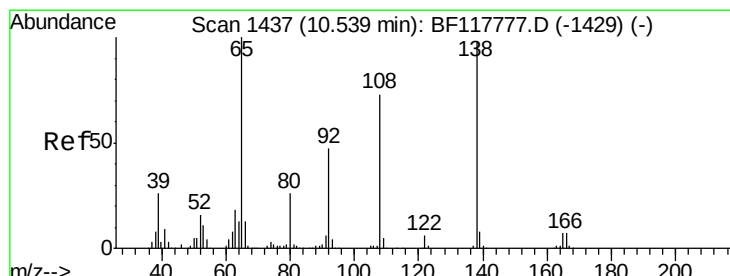
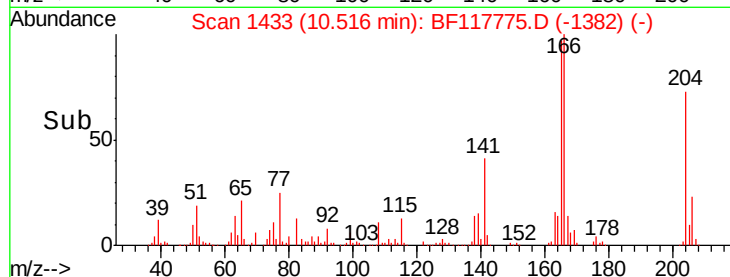
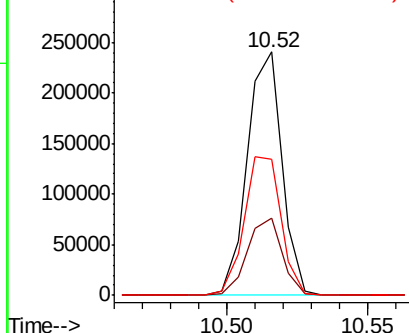
#61
 4-Chlorophenyl-phenylether
 Concen: 13.089 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.6	38.4
141	56.1	50.7	76.1

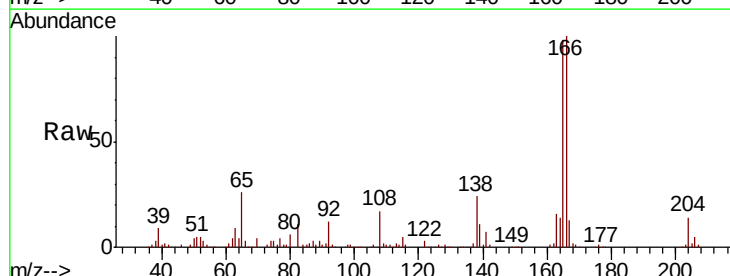


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

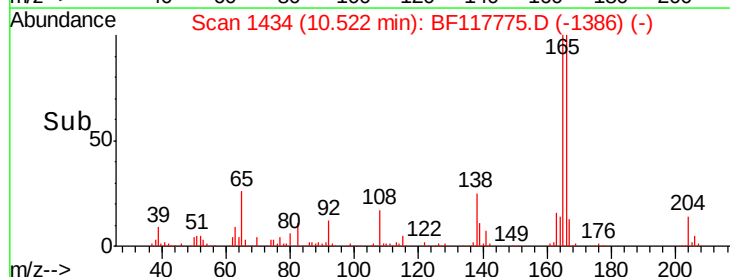
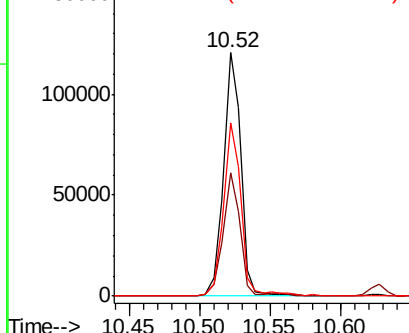


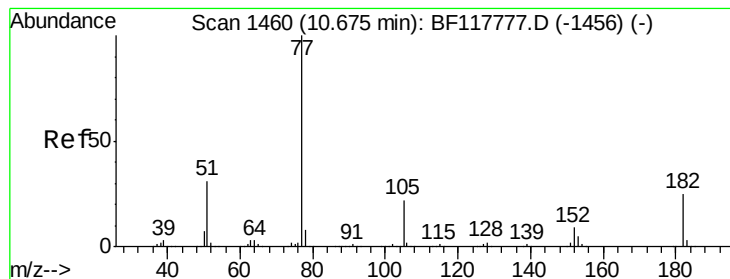
#62
 4-Nitroaniline
 Concen: 10.757 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	28.3	68.3
108	71.2	54.3	94.3



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: 11.859 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 399536

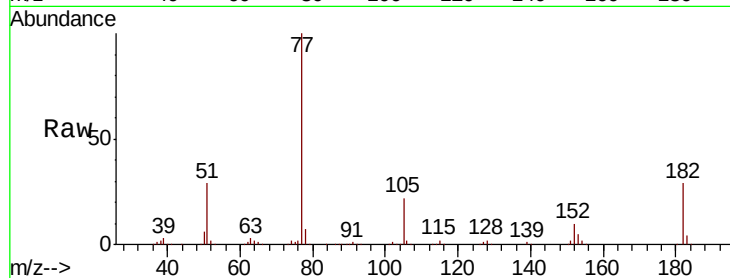
Ion Ratio Lower Upper

77 100

182 29.1 4.8 44.8

105 22.3 2.1 42.1

51 28.7 11.4 51.4

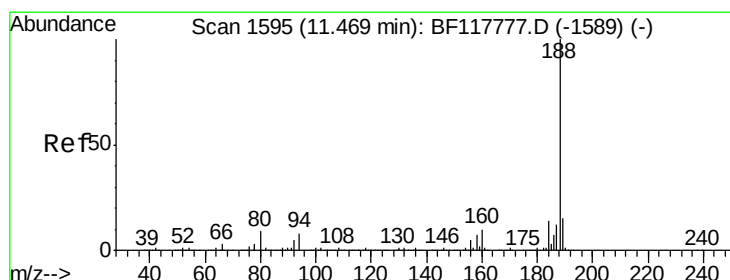
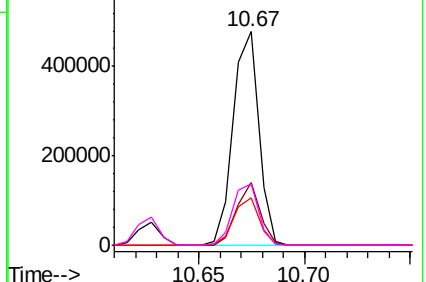
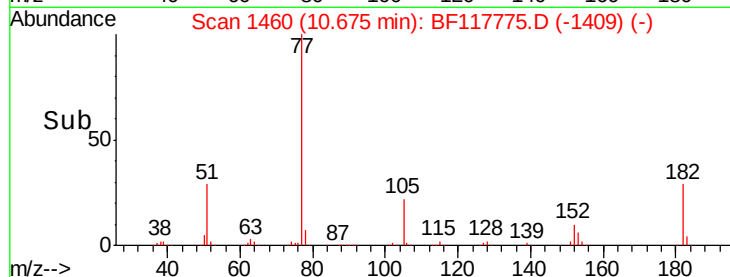


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

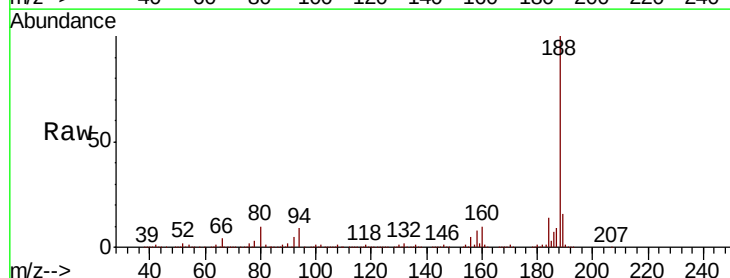
Tgt Ion: 188 Resp: 1014692

Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

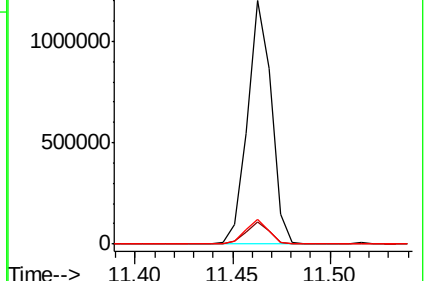
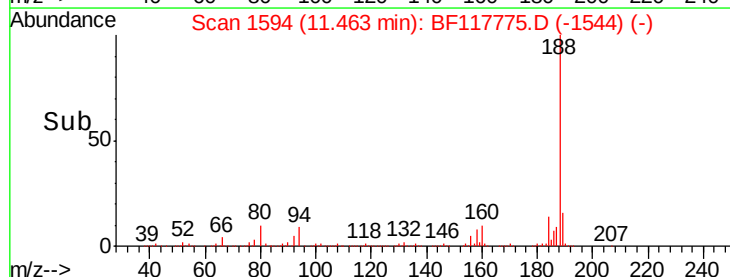
80 10.1 7.2 10.8

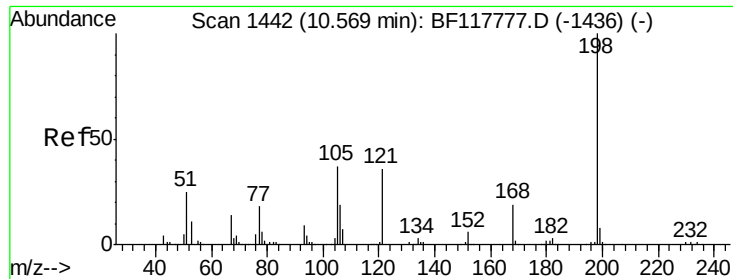


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

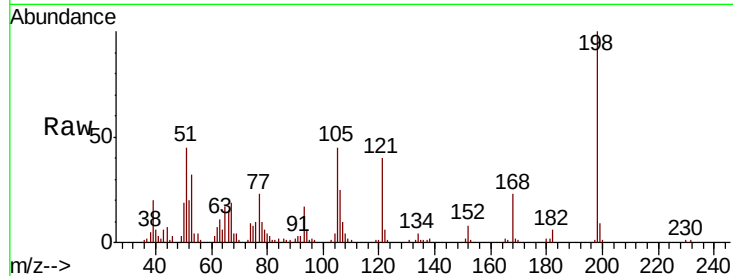




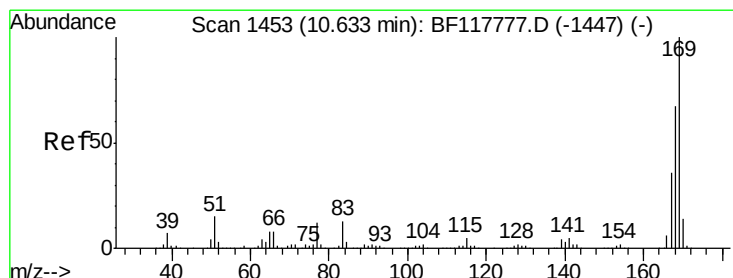
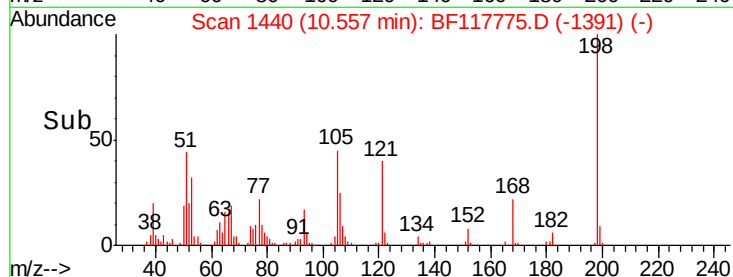
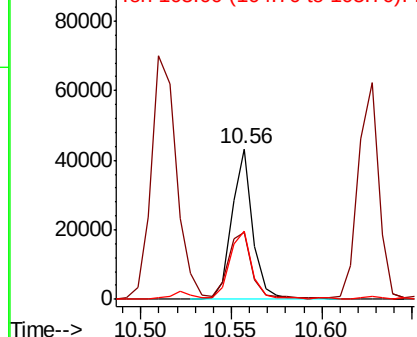
#65
4,6-Dinitro-2-methylphenol
Concen: 8.512 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 34487
Ion Ratio Lower Upper
198 100
51 44.8 16.0 56.0
105 45.0 19.1 59.1

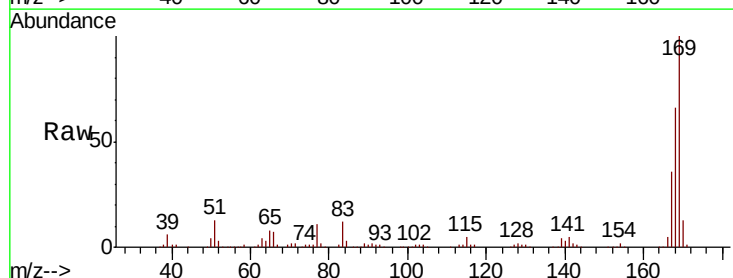


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

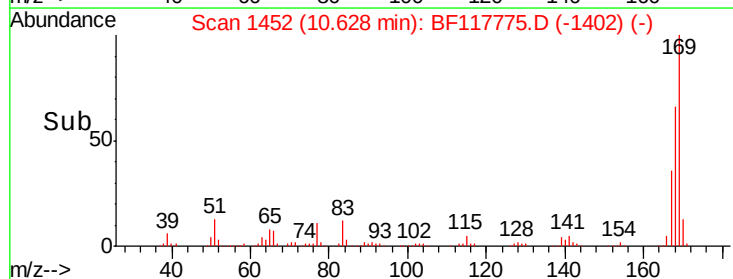
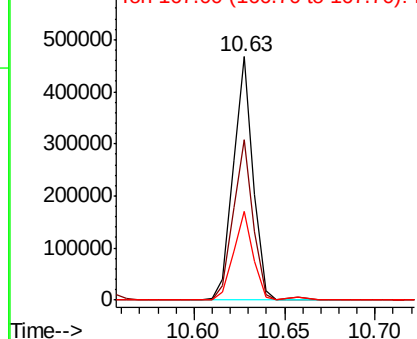


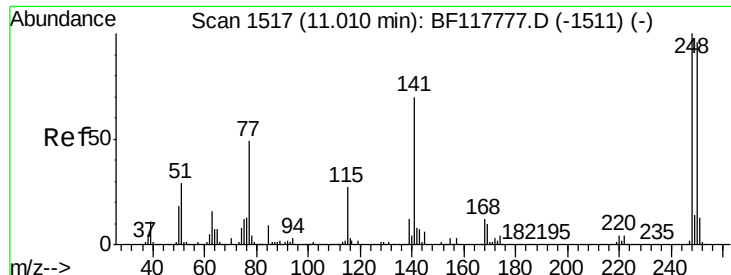
#66
n-Nitrosodiphenylamine
Concen: 11.815 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion:169 Resp: 354090
Ion Ratio Lower Upper
169 100
168 65.9 53.5 80.3
167 36.2 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

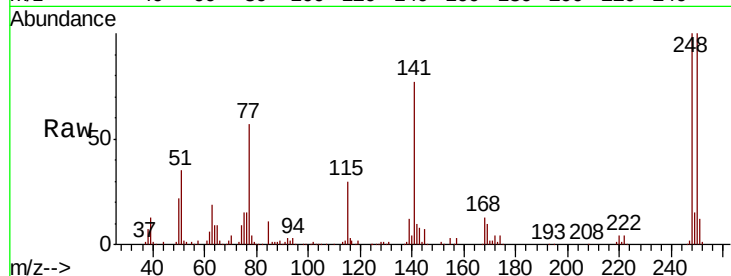




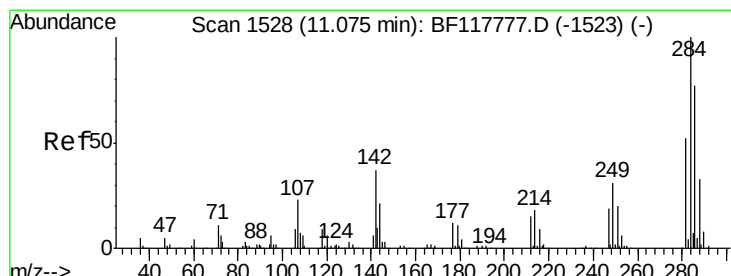
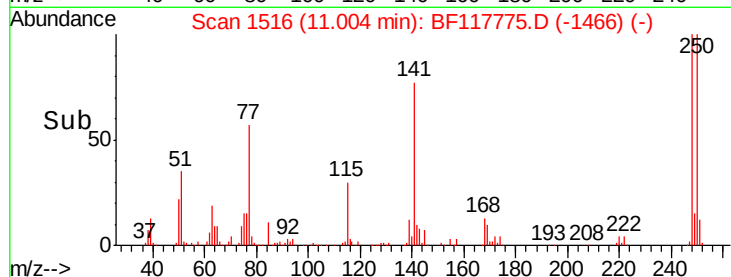
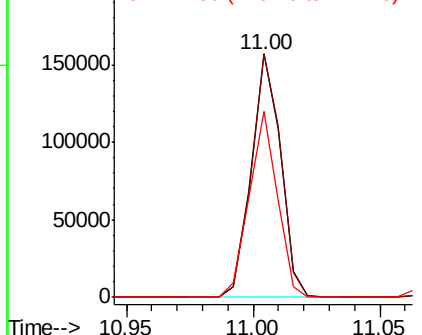
#67
4-Bromophenyl-phenylether
Concen: 11.421 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 126568
Ion Ratio Lower Upper
248 100
250 99.9 76.6 115.0
141 76.5 55.9 83.9

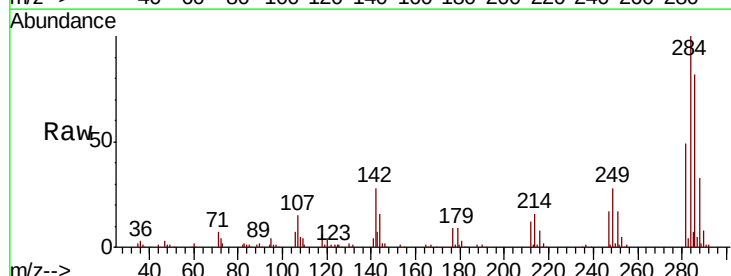


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

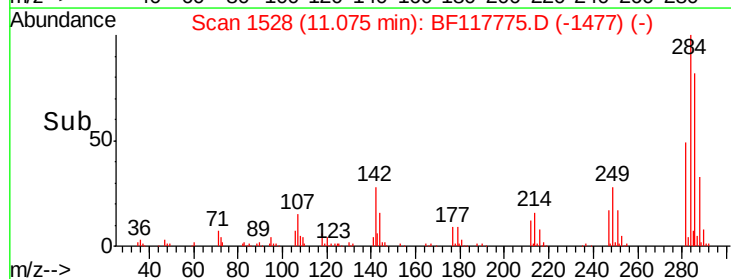
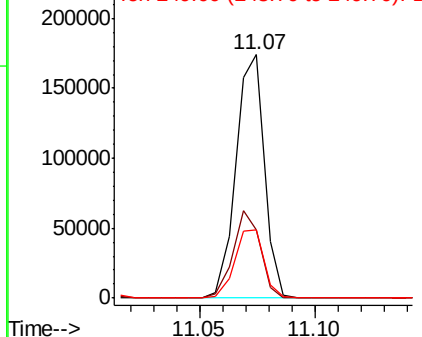


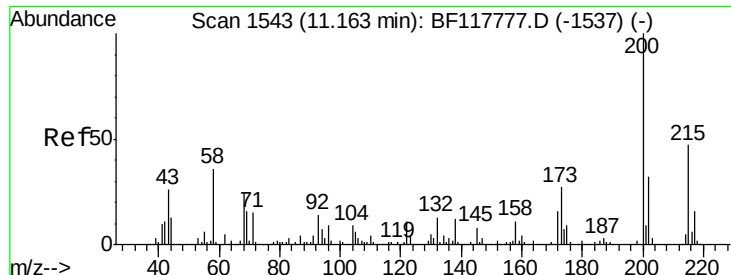
#68
Hexachlorobenzene
Concen: 11.671 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion:284 Resp: 149404
Ion Ratio Lower Upper
284 100
142 27.8 29.4 44.2#
249 28.1 24.6 37.0



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

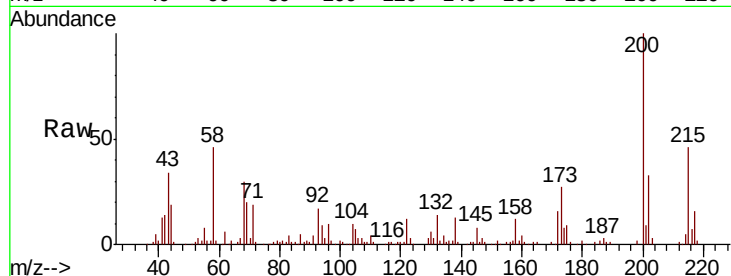




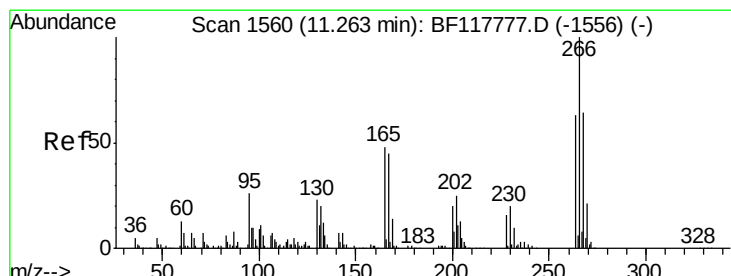
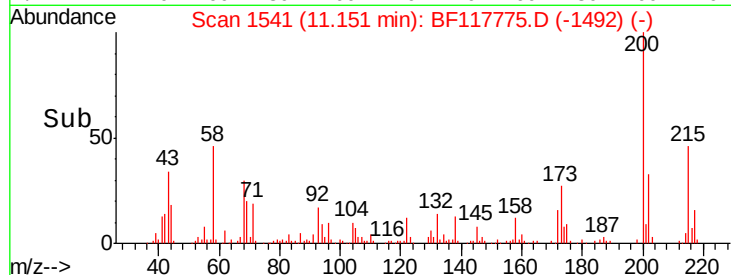
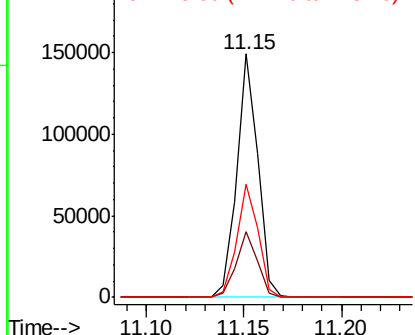
#69
 Atrazine
 Concen: 11.269 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.7	46.7
215	46.5	27.5	67.5

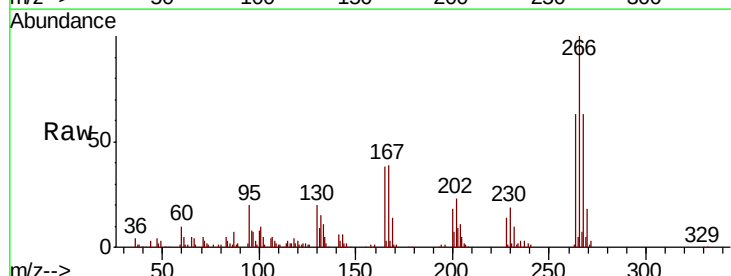


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

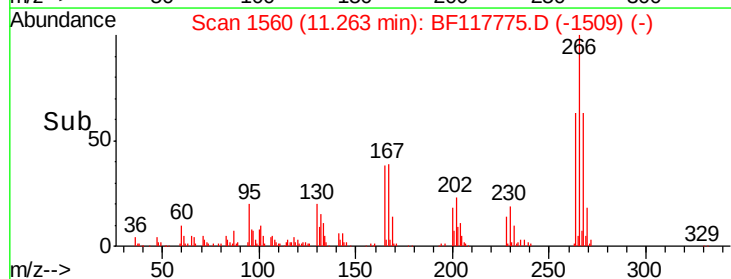
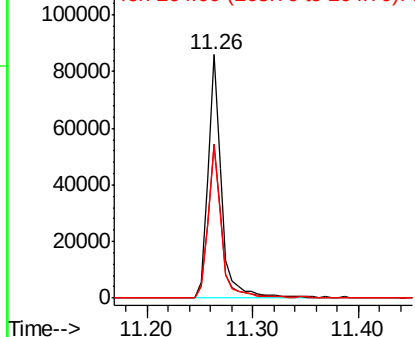


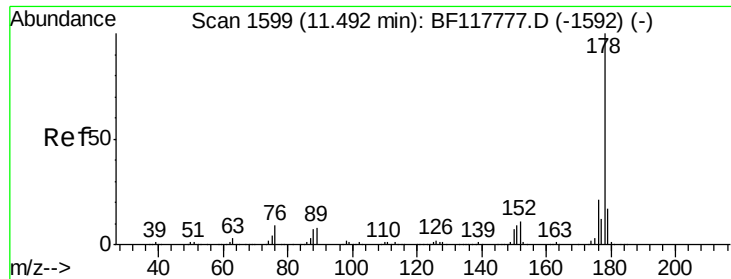
#70
 Pentachlorophenol
 Concen: 10.712 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF117775.D
 Acq: 13 Nov 2019 15:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.8	76.2
264	62.9	50.7	76.1



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: 12.905 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

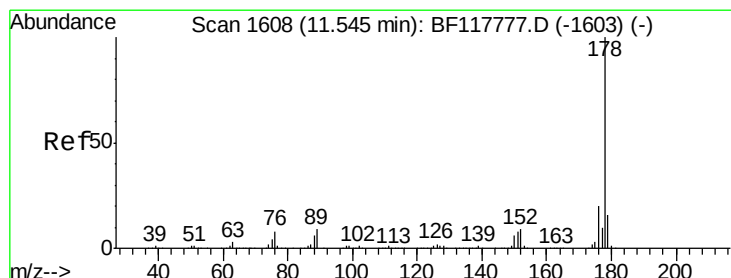
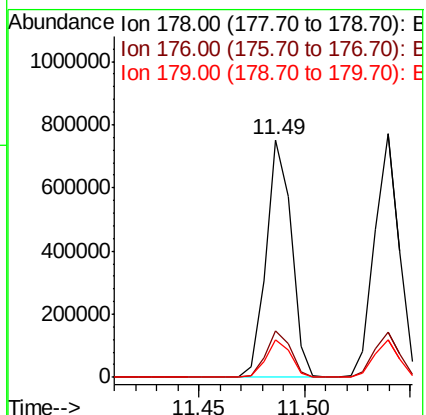
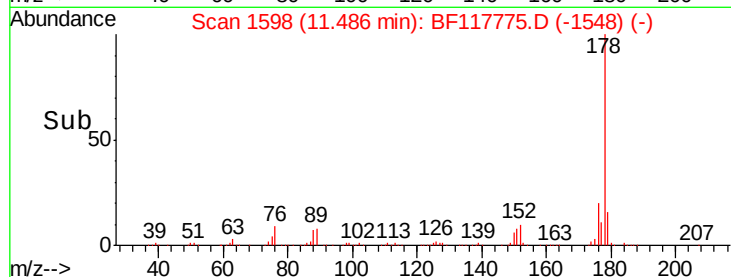
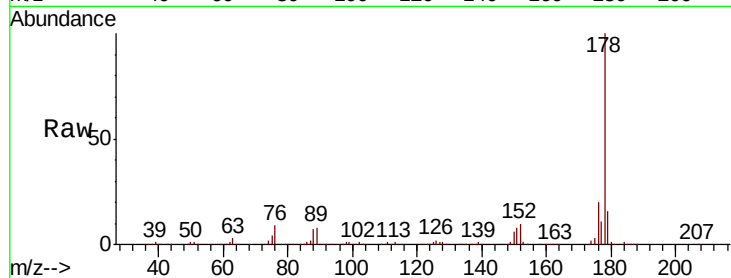
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 627629

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.9	13.2	19.8



#72

Anthracene

Concen: 12.972 ng

RT: 11.54 min Scan# 1607

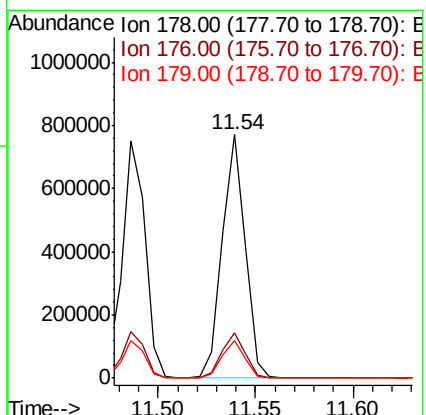
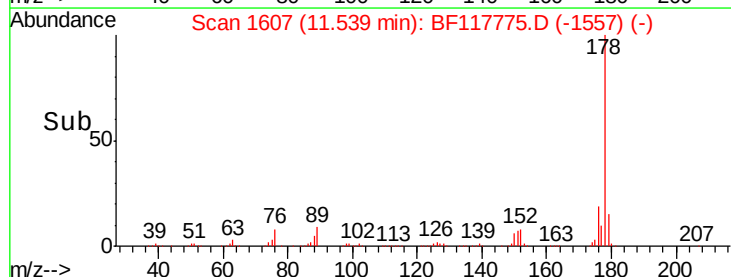
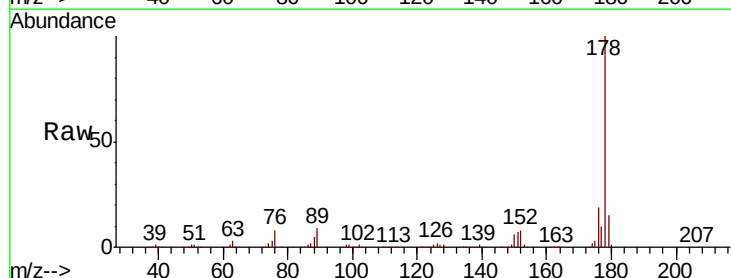
Delta R.T. -0.01 min

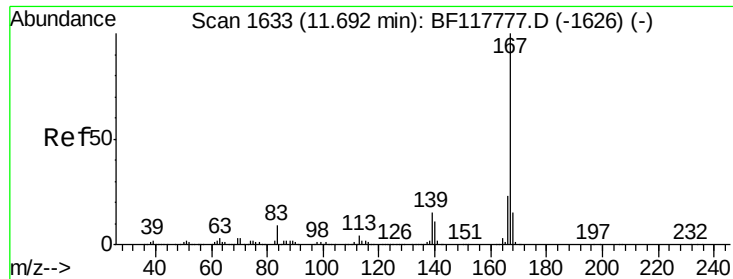
Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Tgt Ion:178 Resp: 627664

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.1	24.1
179	15.3	13.0	19.4





#73

Carbazole

Concen: 12.499 ng

RT: 11.69 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

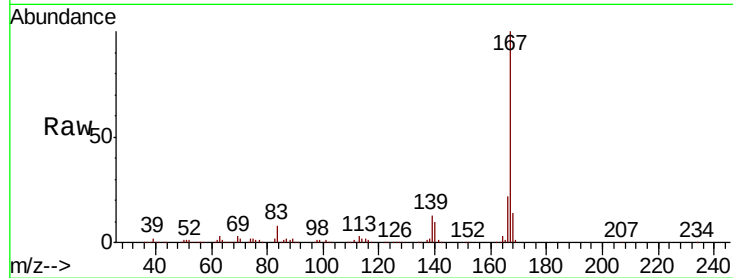
Tot Ion:167 Resp: 552868

Ion Ratio Lower Upper

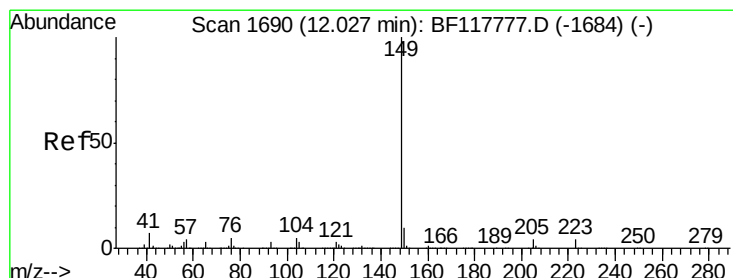
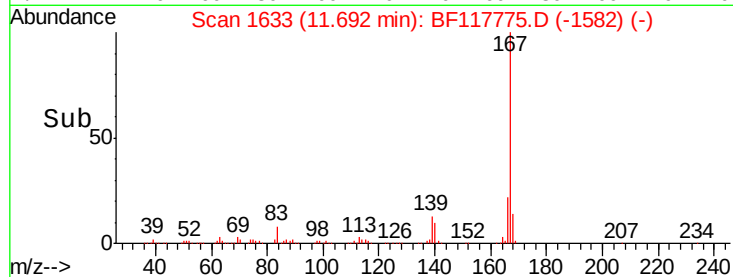
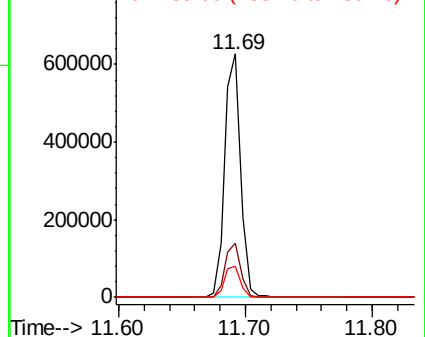
167 100

166 22.2 18.0 27.0

139 12.9 11.7 17.5



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



#74

Di-n-butylphthalate

Concen: 12.414 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

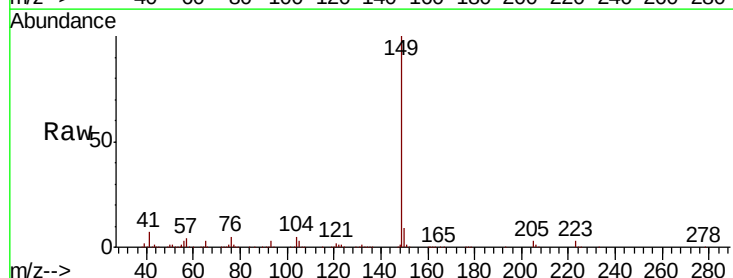
Tgt Ion:149 Resp: 667729

Ion Ratio Lower Upper

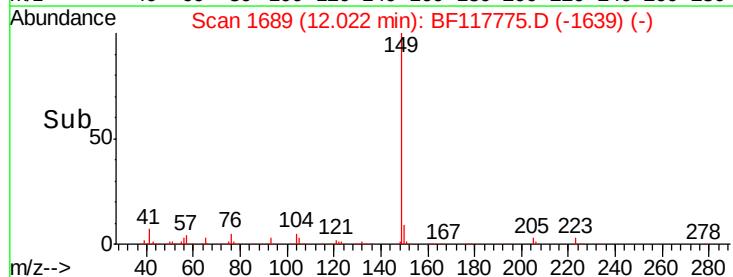
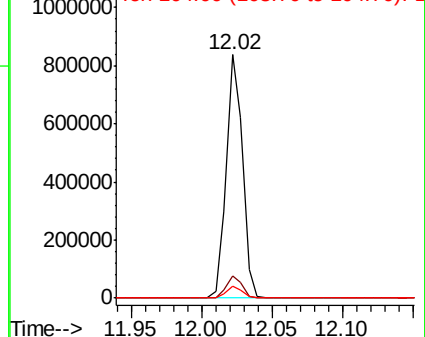
149 100

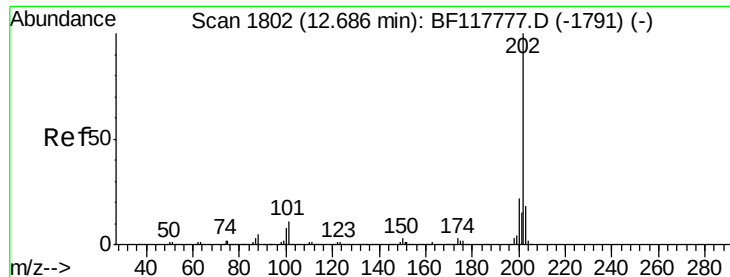
150 9.0 7.9 11.9

104 4.8 4.2 6.4



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





#75

Fluoranthene

Concen: 12.811 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampled :

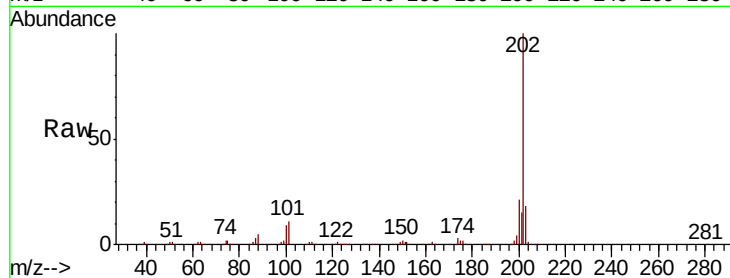
Tot Ion:202 Resp: 636237

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.1

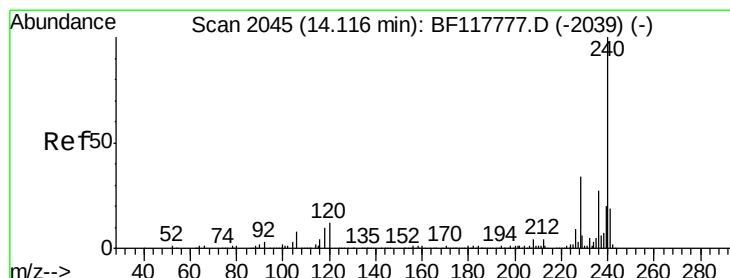
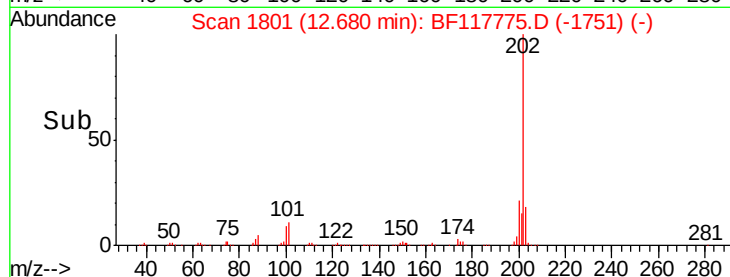
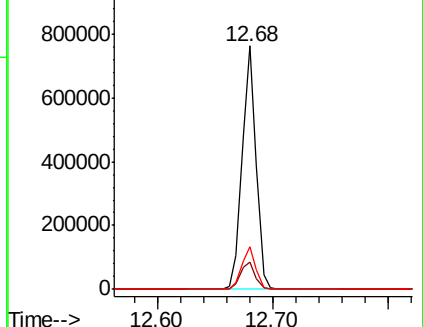
203 17.7 0.0 38.2



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: 14.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

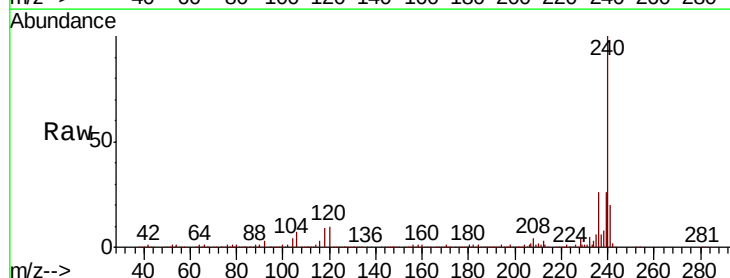
Tgt Ion:240 Resp: 731165

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

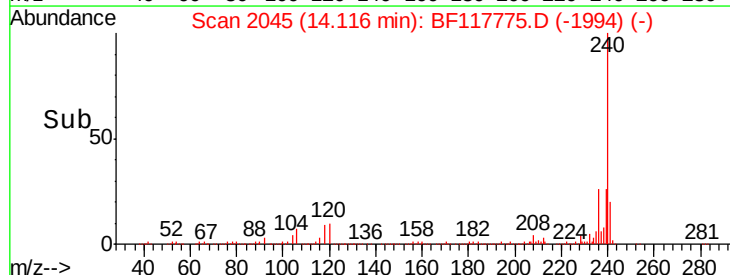
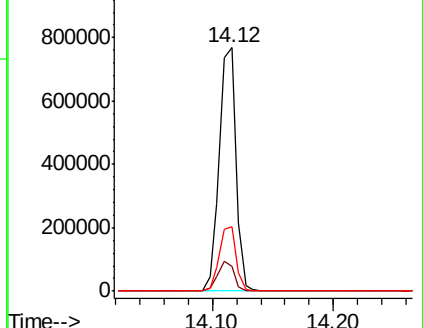
236 26.4 21.3 31.9

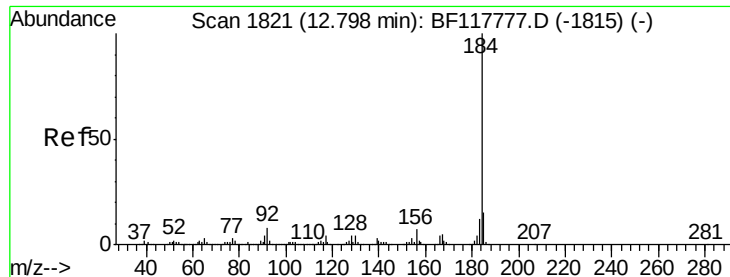


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.691 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

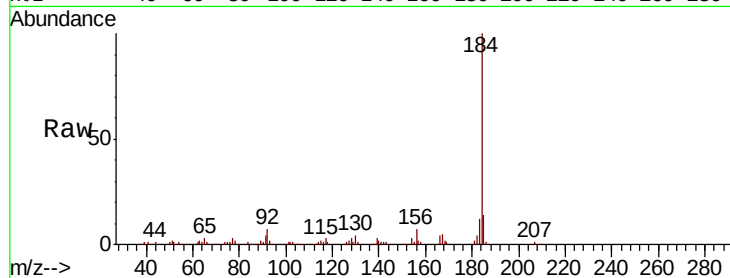
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 271763

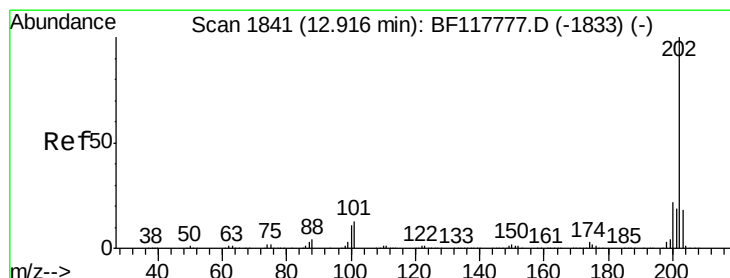
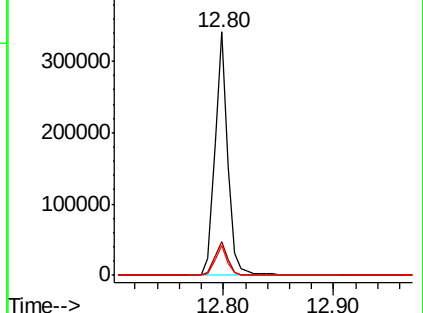
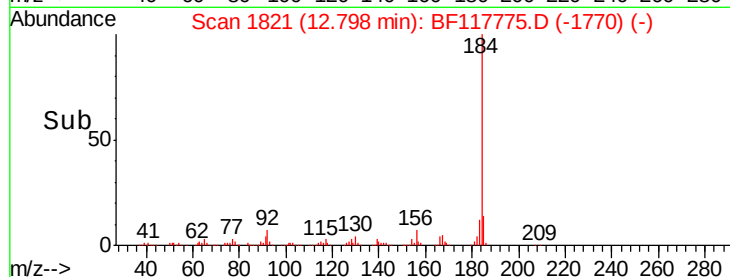
Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.2	18.4
183	12.1	9.5	14.3



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: 12.299 ng

RT: 12.91 min Scan# 1840

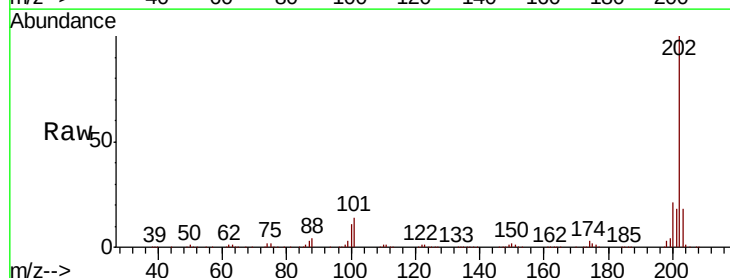
Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Tgt Ion:202 Resp: 656438

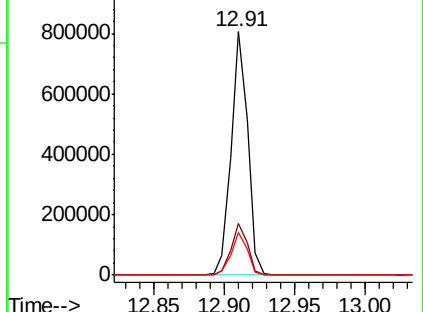
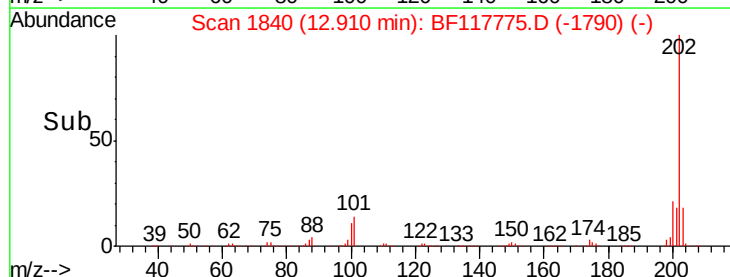
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.8
203	17.5	14.6	22.0

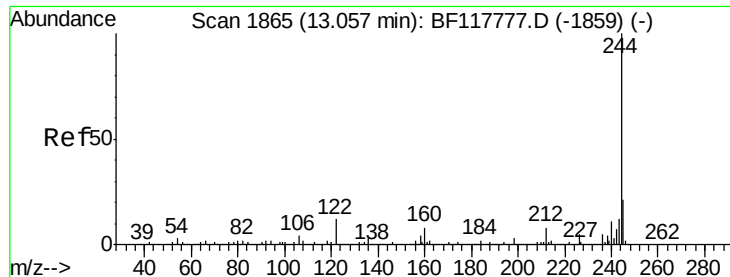


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 26.821 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

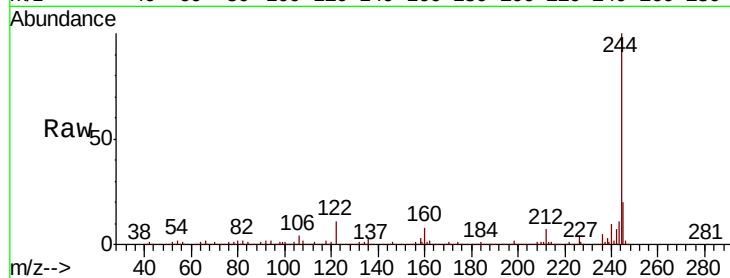
Tot Ion:244 Resp: 952606

Ion Ratio Lower Upper

244 100

212 6.7 6.3 9.5

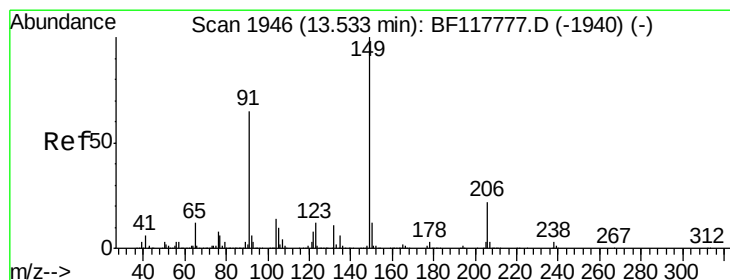
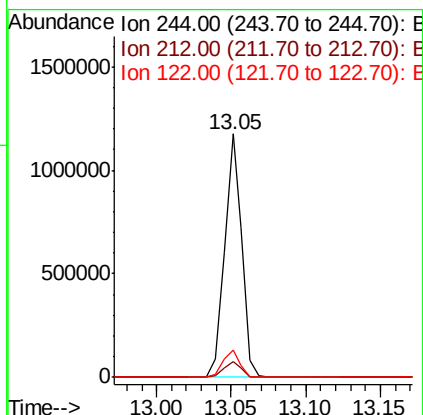
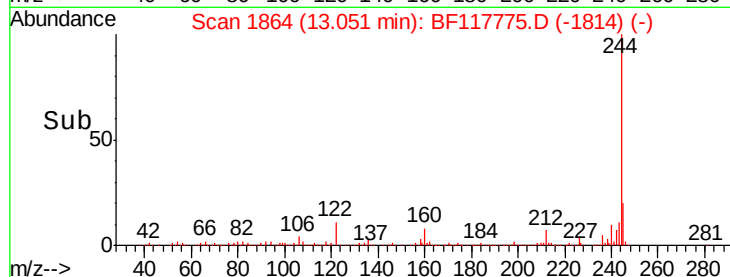
122 11.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 10.398 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

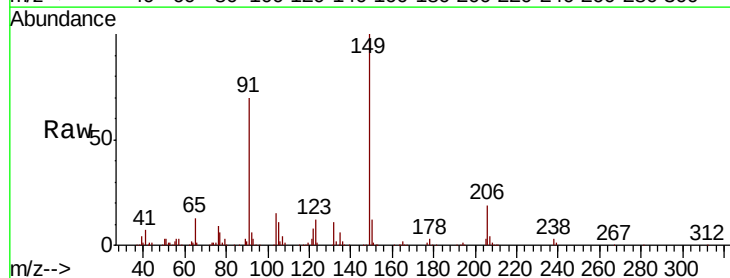
Tgt Ion:149 Resp: 256341

Ion Ratio Lower Upper

149 100

91 70.4 51.9 77.9

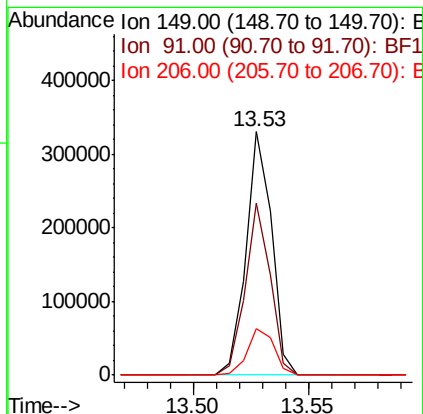
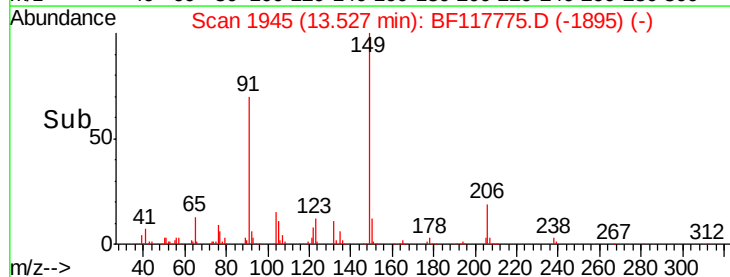
206 19.0 17.2 25.8

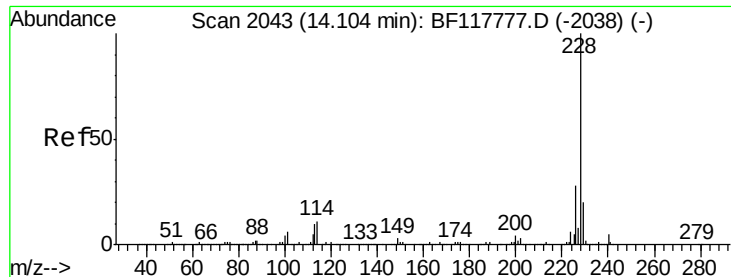


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 12.273 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

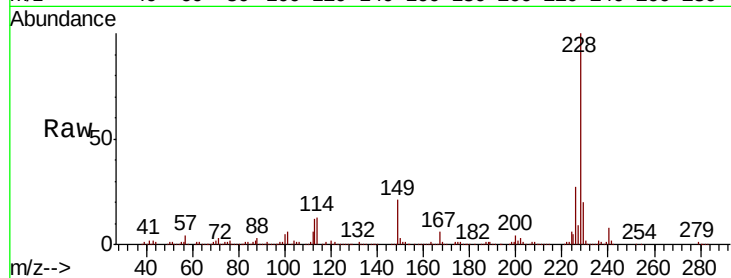
Tot Ion:228 Resp: 558573

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

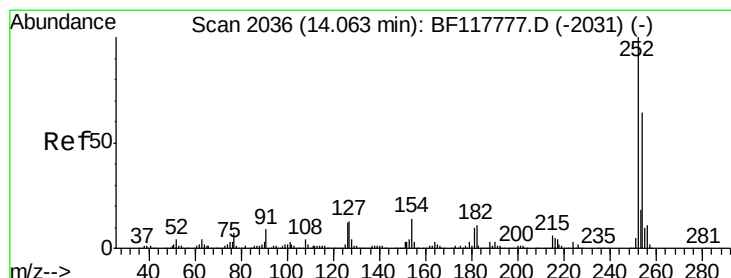
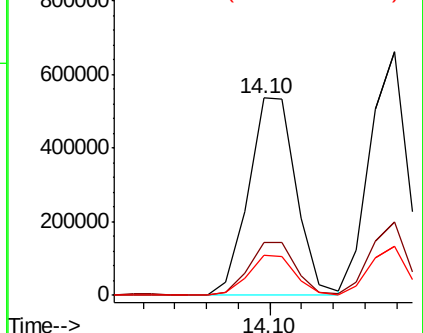
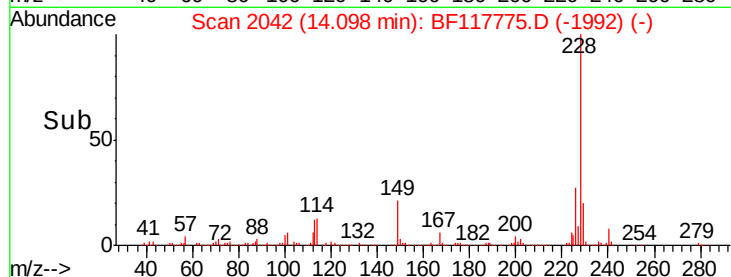
229 20.1 15.9 23.9



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: 11.300 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

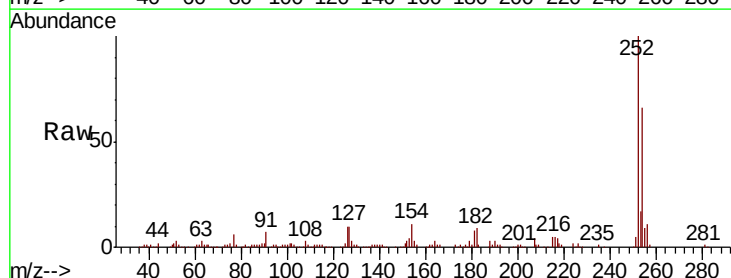
Tgt Ion:252 Resp: 192068

Ion Ratio Lower Upper

252 100

254 66.0 51.0 76.6

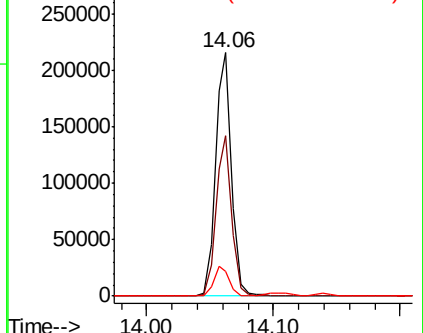
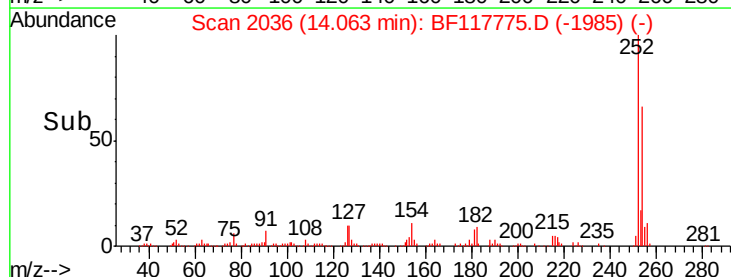
126 10.0 9.7 14.5

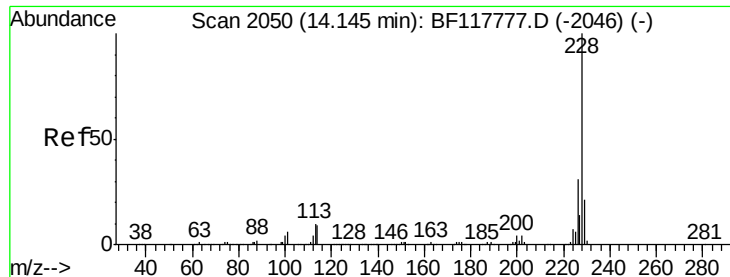


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 12.215 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

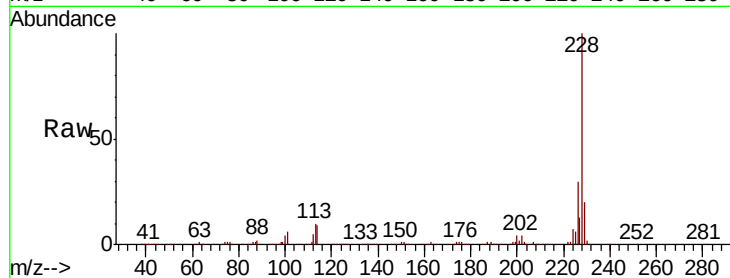
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 549018

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.4
229	20.0	16.6	25.0

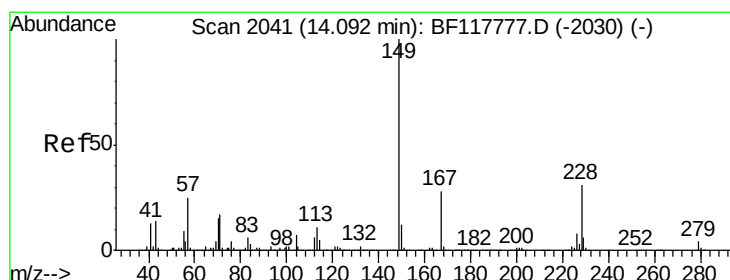
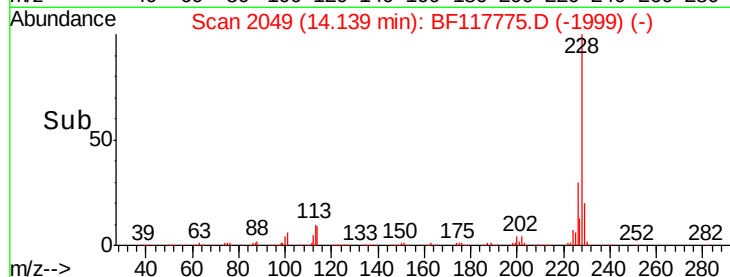
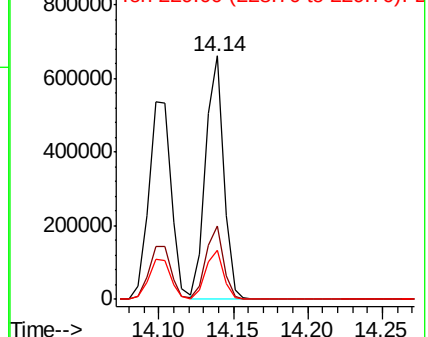


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.306 ng

RT: 14.09 min Scan# 2041

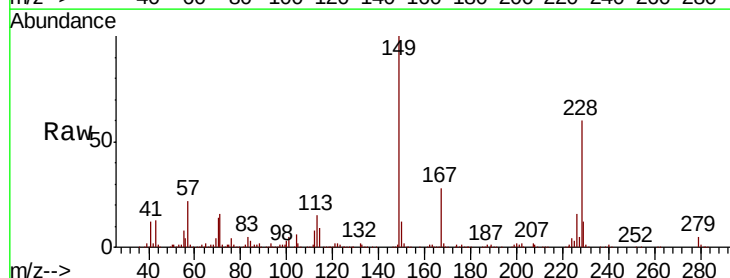
Delta R.T. 0.00 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Tgt Ion:149 Resp: 327751

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	4.5	3.4	5.2

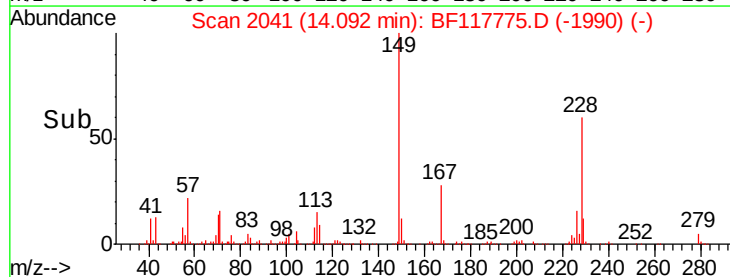
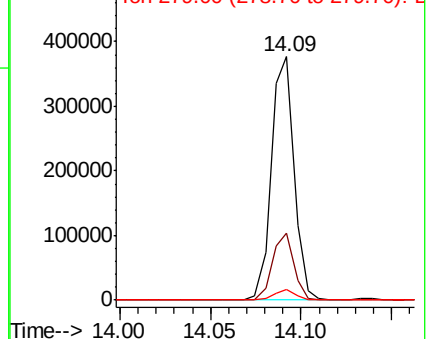


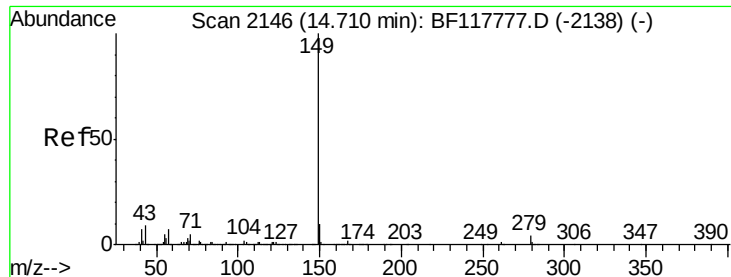
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 9.414 ng

RT: 14.71 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

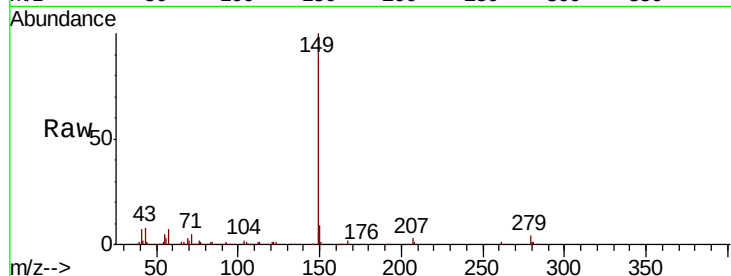
Tot Ion:149 Resp: 471106

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

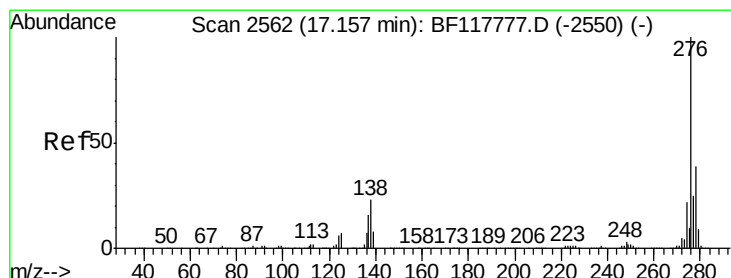
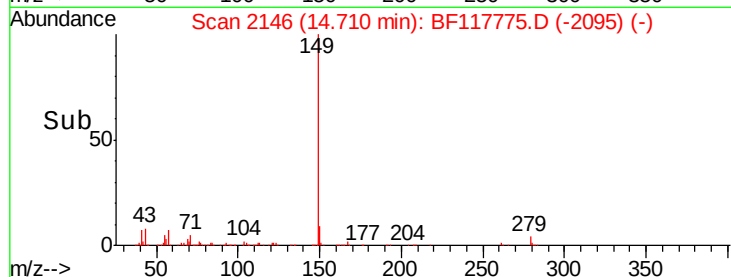
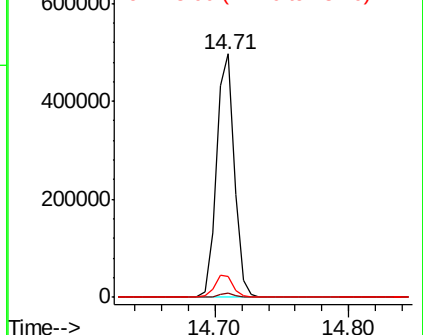
43 9.3 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.981 ng

RT: 17.14 min Scan# 2560

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

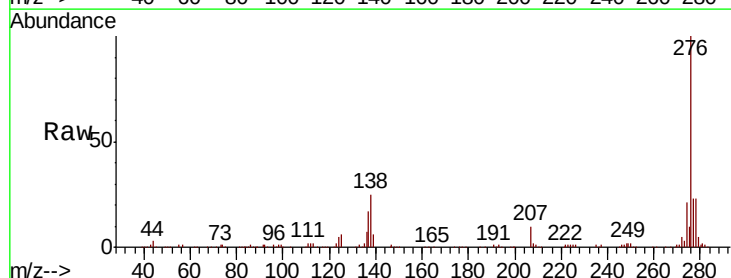
Tgt Ion:276 Resp: 375695

Ion Ratio Lower Upper

276 100

138 26.8 20.9 31.3

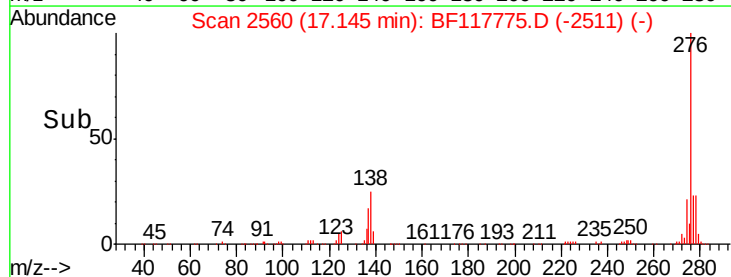
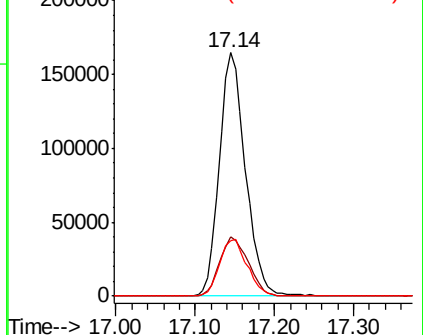
277 24.9 20.3 30.5

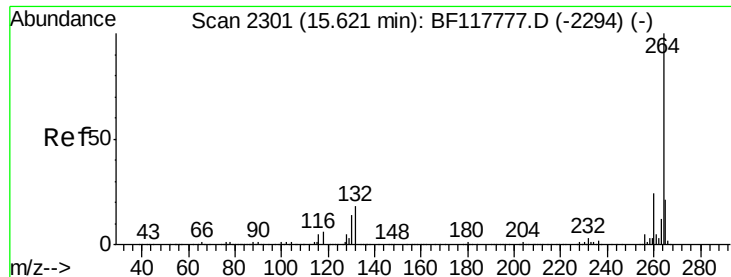


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



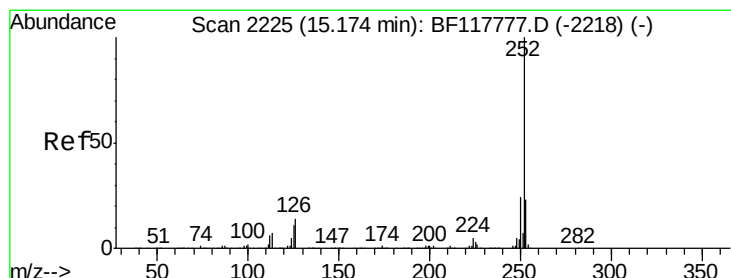
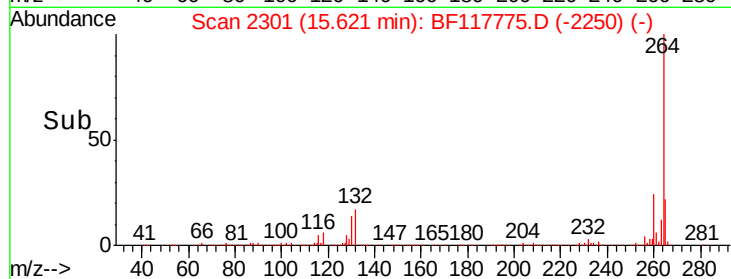
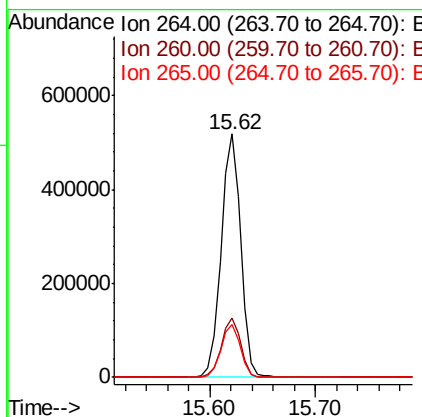
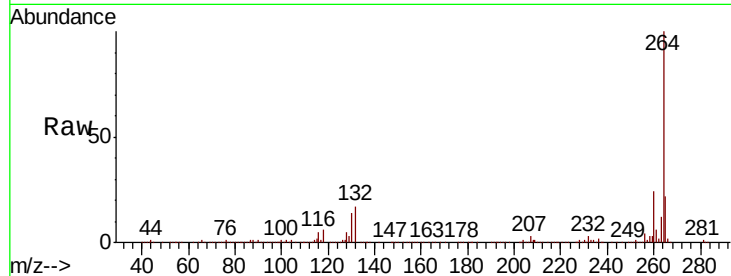


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 670086

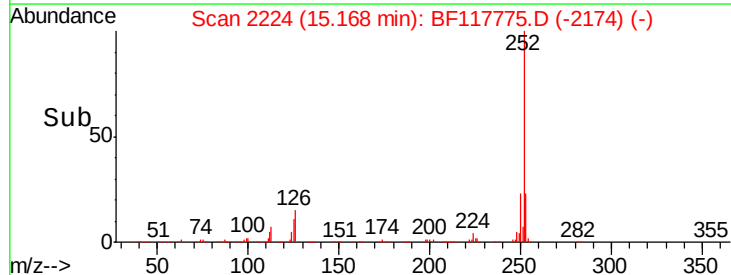
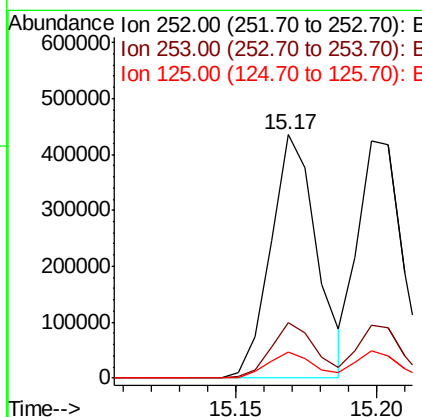
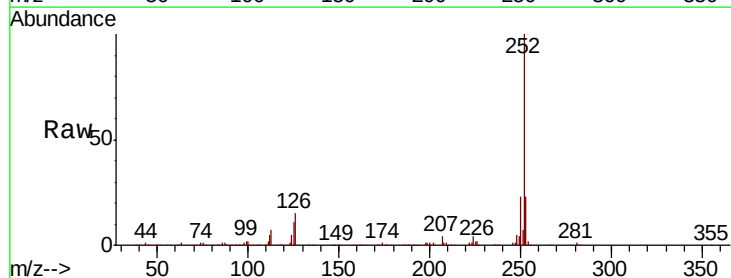
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.9	17.1	25.7

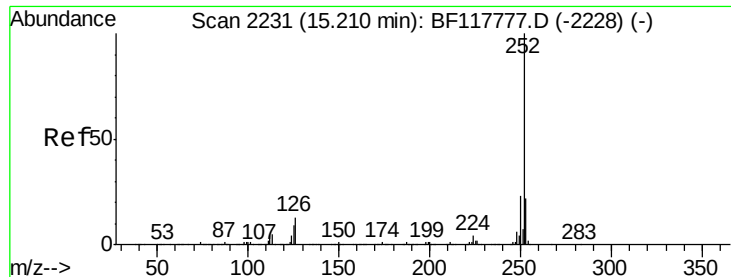


#88
Benzo(b)fluoranthene
Concen: 11.686 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117775.D
Acq: 13 Nov 2019 15:03

Tgt Ion:252 Resp: 493202

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.6	8.6	13.0





#89

Benzo(k)fluoranthene

Concen: 12.273 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

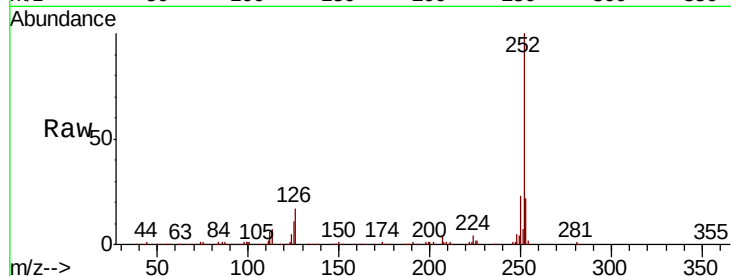
Tot Ion:252 Resp: 461982

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 11.3 7.9 11.9

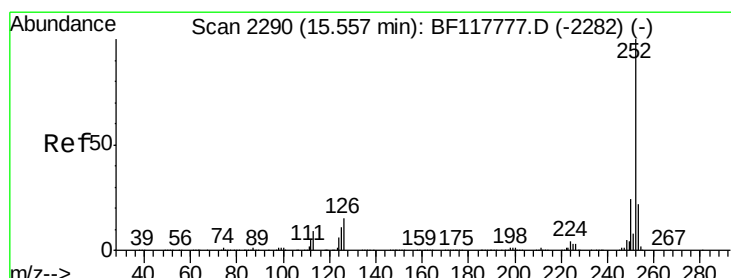
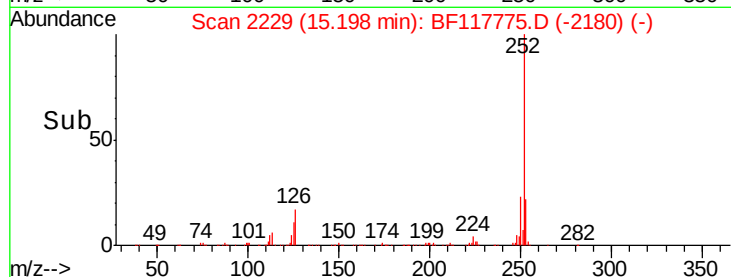
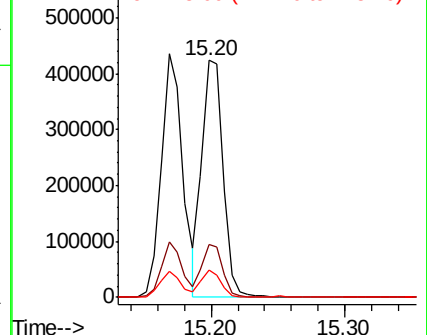


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 11.495 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

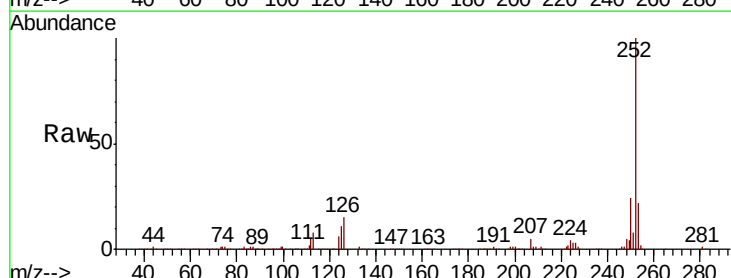
Tgt Ion:252 Resp: 420539

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 11.2 9.2 13.8

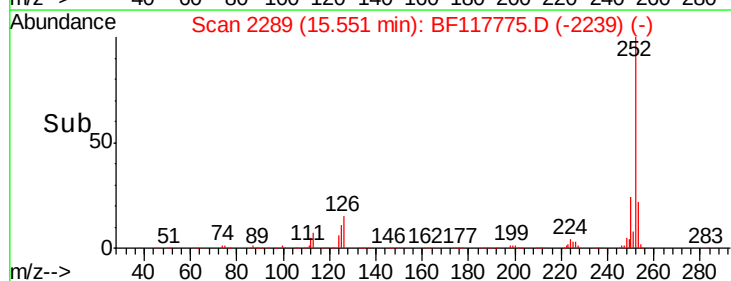
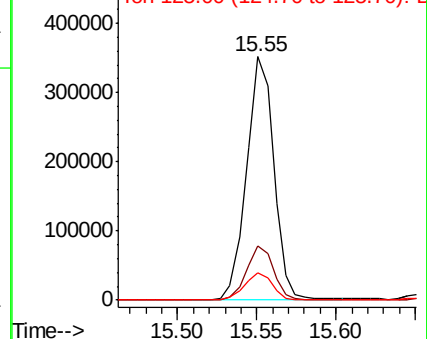


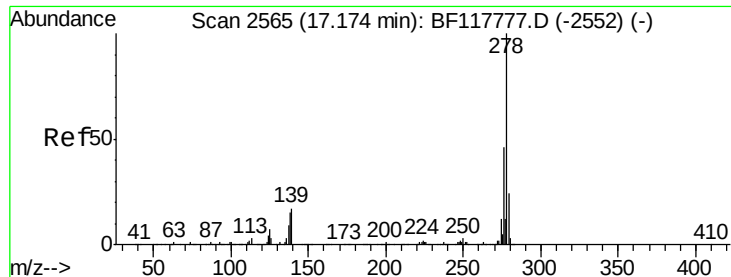
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 9.280 ng

RT: 17.17 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

Instrument :

BNA_F

ClientSampleId :

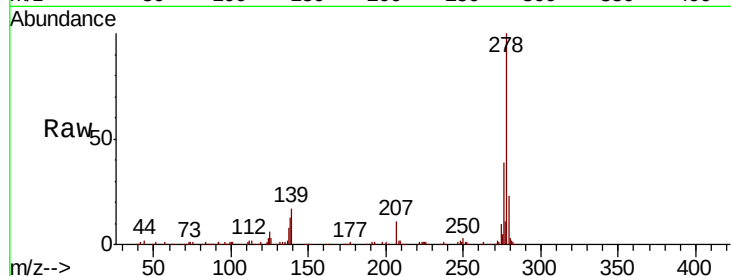
Tot Ion:278 Resp: 304483

Ion Ratio Lower Upper

278 100

139 16.6 13.8 20.8

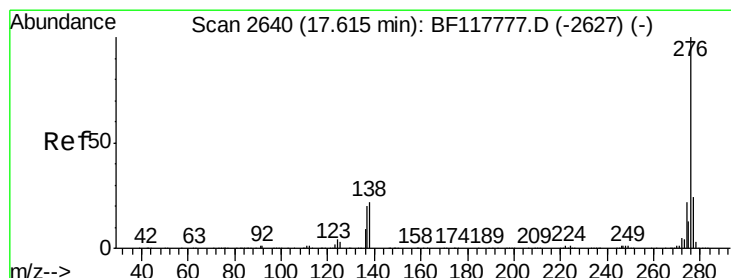
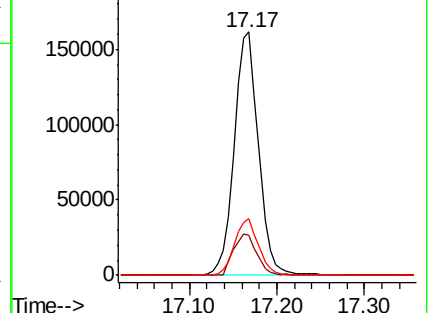
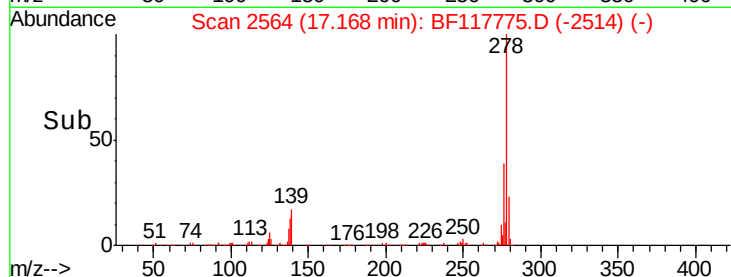
279 23.2 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 9.140 ng

RT: 17.61 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF117775.D

Acq: 13 Nov 2019 15:03

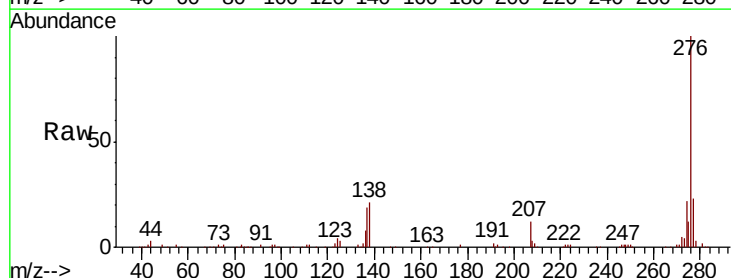
Tgt Ion:276 Resp: 290634

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 20.5 17.4 26.2



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

