

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117976.D
 Acq On : 25 Nov 2019 20:01
 Operator : JU
 Sample : PB125026BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 03:51:44 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 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	158337	20.00	ng	-0.04
21) Naphthalene-d8	8.18	136	682338	20.00	ng	-0.04
39) Acenaphthene-d10	9.95	164	374938	20.00	ng	-0.03
64) Phenanthrene-d10	11.43	188	698568	20.00	ng	-0.04
76) Chrysene-d12	14.09	240	524786	20.00	ng	-0.03
87) Perylene-d12	15.58	264	382338	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1063019	118.84	ng	-0.02
7) Phenol-d6	6.53	99	1333083	123.56	ng	-0.02
23) Nitrobenzene-d5	7.46	82	710809	61.93	ng	-0.04
42) 2,4,6-Tribromophenol	10.74	330	478863	120.64	ng	-0.03
45) 2-Fluorobiphenyl	9.26	172	1458710	69.80	ng	-0.04
79) Terphenyl-d14	13.02	244	1715617	59.75	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.75	88	118307	28.295	ng	97
3) Pyridine	3.50	79	279754	25.506	ng	99
4) n-Nitrosodimethylamine	3.46	42	180149	37.626	ng	96
6) Aniline	6.55	93	446355	31.307	ng	99
8) 2-Chlorophenol	6.68	128	448445	46.202	ng	97
9) Benzaldehyde	6.43	77	95670	9.745	ng	96
10) Phenol	6.54	94	536401	47.844	ng	94
11) bis(2-Chloroethyl)ether	6.63	93	383761	42.624	ng	98
12) 1,3-Dichlorobenzene	6.83	146	449862	39.368	ng	99
13) 1,4-Dichlorobenzene	6.91	146	463430	40.122	ng	99
14) 1,2-Dichlorobenzene	7.06	146	443326	40.132	ng	100
15) Benzyl Alcohol	7.03	79	393689	47.263	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	487606	35.177	ng	96
17) 2-Methylphenol	7.15	107	368768	44.864	ng	98
18) Hexachloroethane	7.40	117	167257	39.418	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	295987	44.469	ng	94
20) 3+4-Methylphenols	7.30	107	454812	44.575	ng	# 78
22) Acetophenone	7.30	105	603956	39.397	ng	99
24) Nitrobenzene	7.47	77	464997	39.269	ng	97
25) Isophorone	7.72	82	840789	39.965	ng	97
26) 2-Nitrophenol	7.79	139	253788	44.033	ng	96
27) 2,4-Dimethylphenol	7.83	122	420763	46.982	ng	96
28) bis(2-Chloroethoxy)methane	7.93	93	501683	37.579	ng	100
29) 2,4-Dichlorophenol	8.03	162	390926	40.241	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	418409	37.132	ng	98
31) Naphthalene	8.20	128	1321522	41.544	ng	99
32) Benzoic acid	7.96	122	265499	35.405	ng	99
33) 4-Chloroaniline	8.25	127	360366	25.305	ng	99
34) Hexachlorobutadiene	8.32	225	245165	37.213	ng	99
35) Caprolactam	8.63	113	62176	20.138	ng	92
36) 4-Chloro-3-methylphenol	8.73	107	418065	42.404	ng	95
37) 2-Methylnaphthalene	8.90	142	913827	42.518	ng	99
38) 1-Methylnaphthalene	9.00	142	856926	42.173	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	396002	36.369	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	382375	62.664	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	291451	37.370	nq	99
44) 2,4,5-Trichlorophenol	9.22	196	309945	38.276	nq	97
46) 1,1'-Biphenyl	9.36	154	1103264	39.662	nq	97
47) 2-Chloronaphthalene	9.39	162	842595	36.821	nq	97
48) 2-Nitroaniline	9.48	65	251814	36.449	nq	97
49) Acenaphthylene	9.80	152	1341993	40.224	nq	99
50) Dimethylphthalate	9.67	163	1024877	38.980	nq	98
51) 2,6-Dinitrotoluene	9.73	165	229396	39.921	nq	90
52) Acenaphthene	9.98	154	793927	37.147	nq	100
53) 3-Nitroaniline	9.89	138	185670	27.003	nq	97
54) 2,4-Dinitrophenol	10.00	184	239109	80.896	nq	# 84
55) Dibenzofuran	10.15	168	1187431	40.122	nq	99
56) 4-Nitrophenol	10.06	139	398748	77.693	nq	94
57) 2,4-Dinitrotoluene	10.13	165	307712	42.097	nq	98
58) Fluorene	10.49	166	925012	40.333	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	261589	39.317	nq	97
60) Diethylphthalate	10.37	149	1017916	39.711	nq	100
61) 4-Chlorophenyl-phenylether	10.49	204	455633	39.147	nq	99
62) 4-Nitroaniline	10.52	138	248919	36.157	nq	95
63) Azobenzene	10.65	77	921143	39.500	nq	98
65) 4,6-Dinitro-2-methylphenol	10.55	198	165277	50.680	nq	92
66) n-Nitrosodiphenylamine	10.60	169	833752	41.010	nq	100
67) 4-Bromophenyl-phenylether	10.97	248	292652	38.826	nq	# 90
68) Hexachlorobenzene	11.05	284	341685	38.876	nq	98
69) Atrazine	11.13	200	276412	41.331	nq	97
70) Pentachlorophenol	11.24	266	393266	76.588	nq	99
71) Phenanthrene	11.46	178	1411523	40.189	nq	98
72) Anthracene	11.52	178	1440067	41.355	nq	98
73) Carbazole	11.67	167	1276929	41.963	nq	99
74) Di-n-butylphthalate	11.99	149	1605697	42.381	nq	99
75) Fluoranthene	12.65	202	1481195	46.576	nq	99
77) Benzidine	12.77	184	268244	15.605	nq	98
78) Pyrene	12.89	202	1475340	34.787	nq	100
80) Butylbenzylphthalate	13.50	149	686032	37.662	nq	95
81) Benzo(a)anthracene	14.07	228	1298817	37.453	nq	100
82) 3,3'-Dichlorobenzidine	14.03	252	420664	34.679	nq	98
83) Chrysene	14.12	228	1239320	36.881	nq	98
84) Bis(2-ethylhexyl)phthalate	14.06	149	951073	43.067	nq	98
85) Di-n-octyl phthalate	14.67	149	1538207	47.413	nq	98
86) Indeno(1,2,3-cd)pyrene	17.10	276	962295	33.647	nq	98
88) Benzo(b)fluoranthene	15.14	252	1255873	50.557	nq	99
89) Benzo(k)fluoranthene	15.17	252	1058010	45.203	nq	99
90) Benzo(a)pyrene	15.52	252	995305	45.565	nq	98
91) Dibenzo(a,h)anthracene	17.12	278	833958	44.357	nq	97
92) Benzo(g,h,i)perylene	17.56	276	783048	41.815	nq	99

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

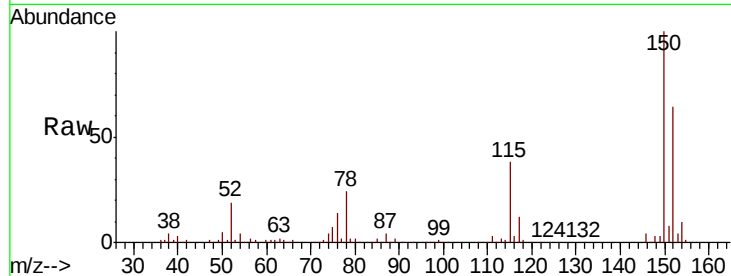


#1

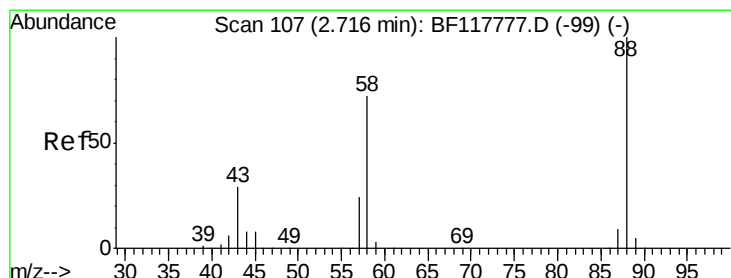
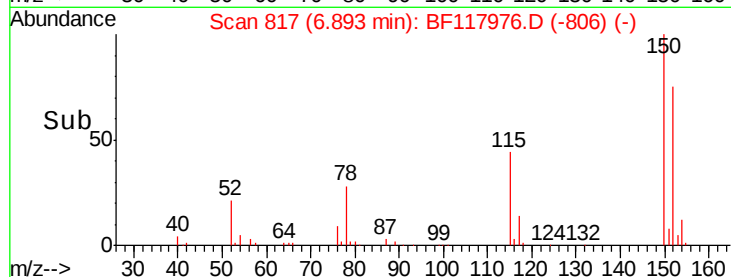
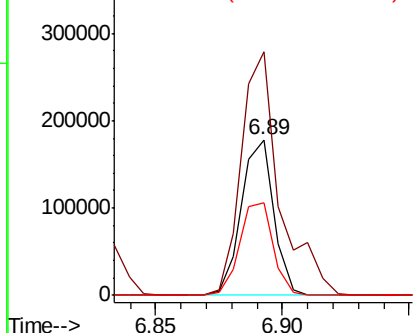
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.04 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 158337
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.3 187.9
 115 59.2 47.0 70.4



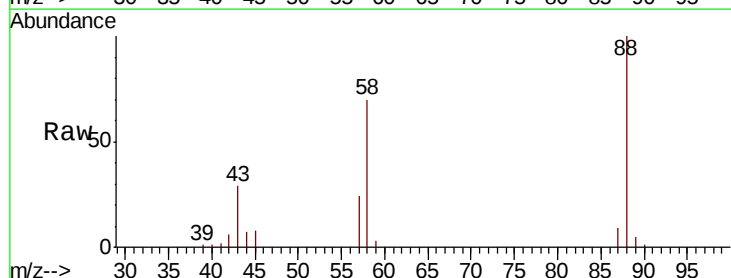
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



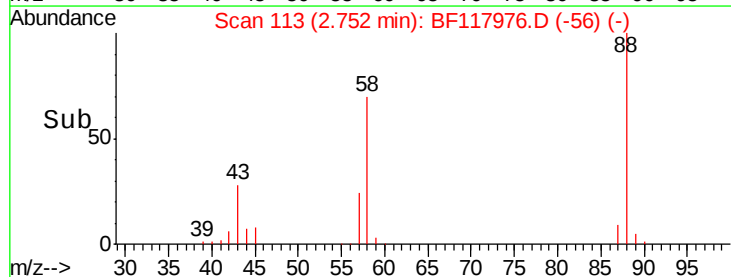
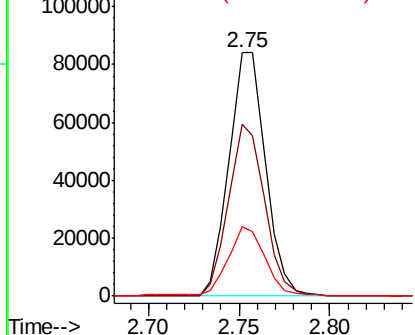
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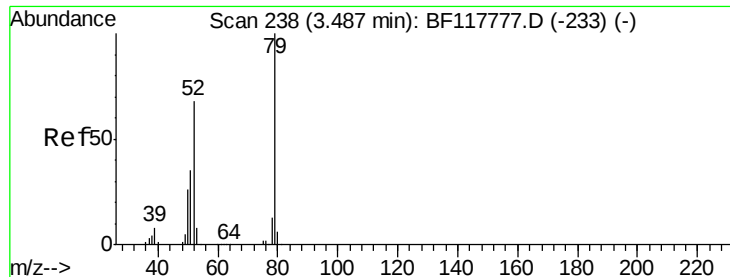
1,4-Dioxane
 Concen: 28.295 ng
 RT: 2.75 min Scan# 113
 Delta R.T. 0.04 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion: 88 Resp: 118307
 Ion Ratio Lower Upper
 88 100
 58 69.6 58.2 87.2
 43 30.1 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: 25.506 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.02 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

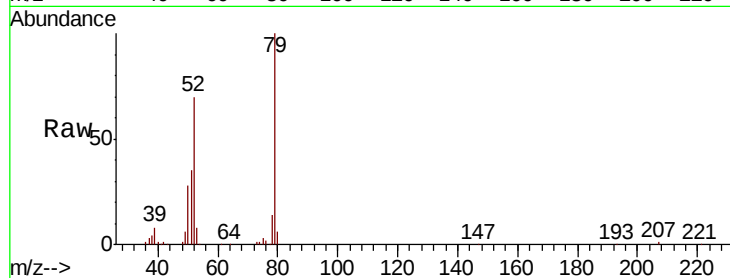
Tot Ion: 79 Resp: 279754

Ion Ratio Lower Upper

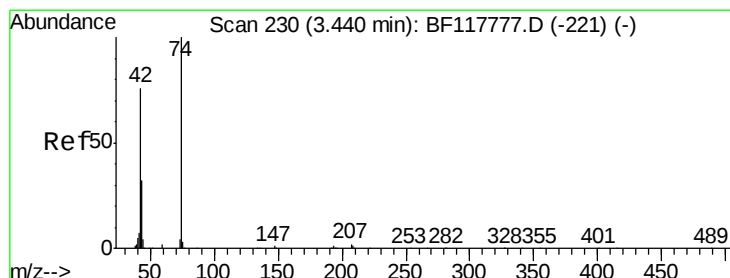
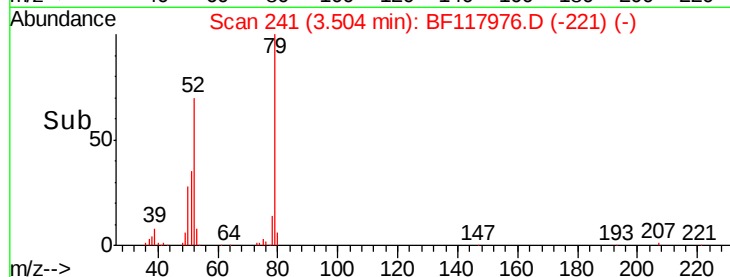
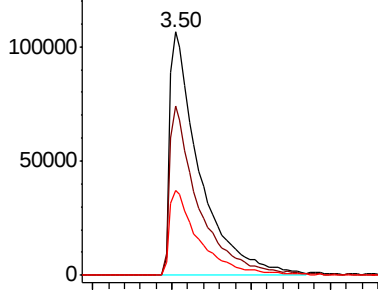
79 100

52 69.7 54.8 82.2

51 34.7 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: 37.626 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.02 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

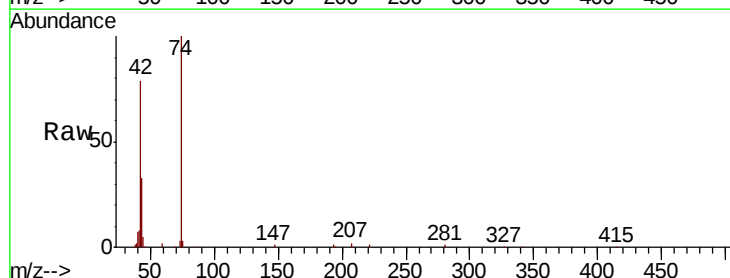
Tgt Ion: 42 Resp: 180149

Ion Ratio Lower Upper

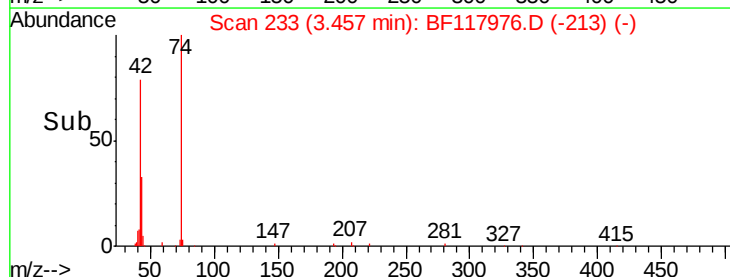
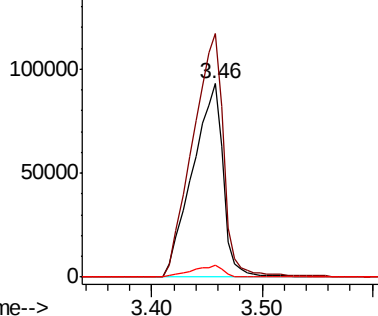
42 100

74 126.0 105.1 157.7

44 5.9 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: 118.839 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

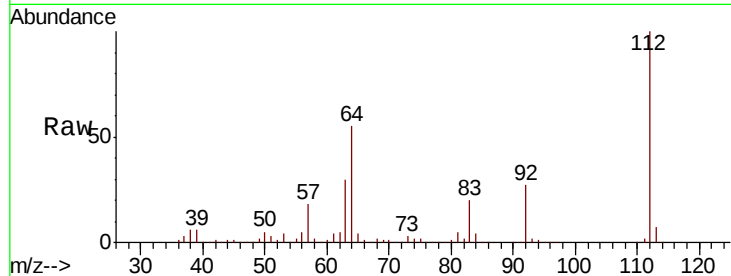
Tot Ion:112 Resp: 1063019

Ion Ratio Lower Upper

112 100

64 55.4 45.6 68.4

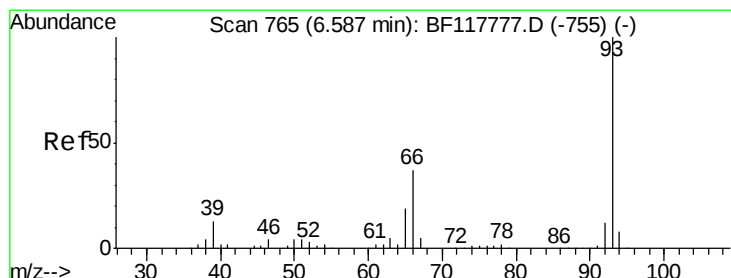
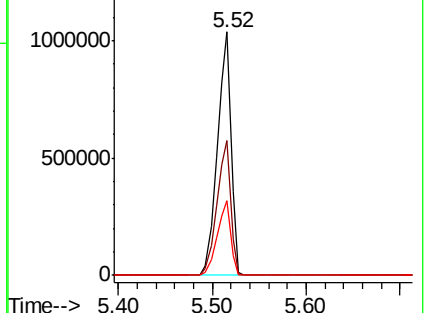
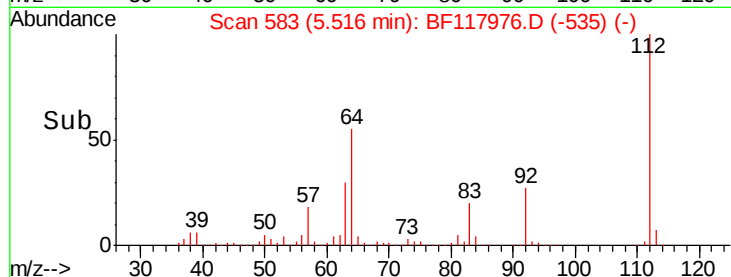
63 30.5 24.1 36.1



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: 31.307 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.04 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

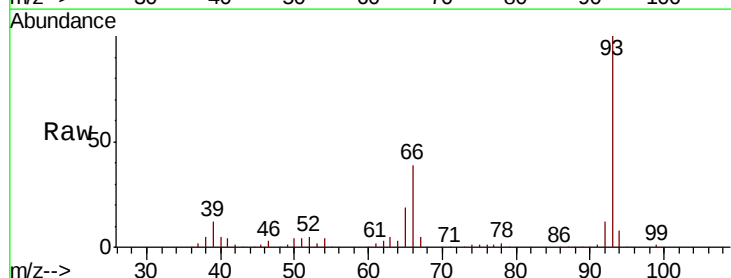
Tgt Ion: 93 Resp: 446355

Ion Ratio Lower Upper

93 100

66 39.0 30.6 45.8

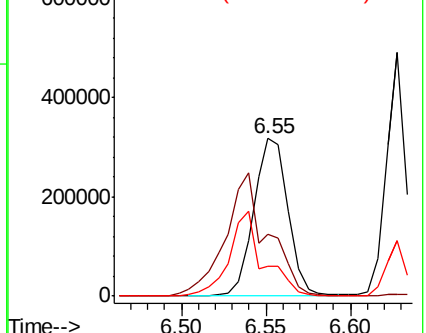
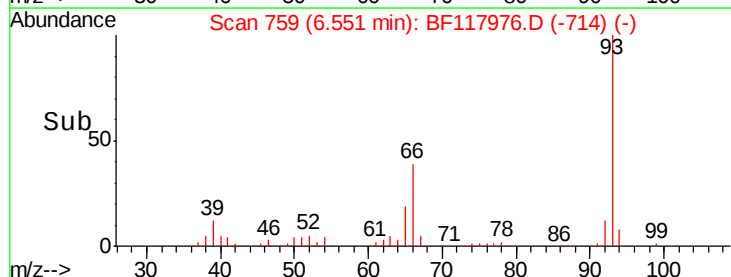
65 19.1 15.6 23.4

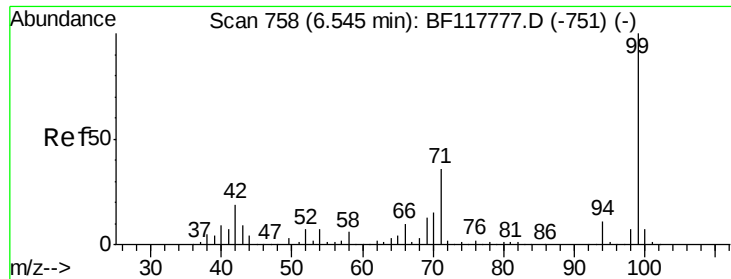


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.557 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

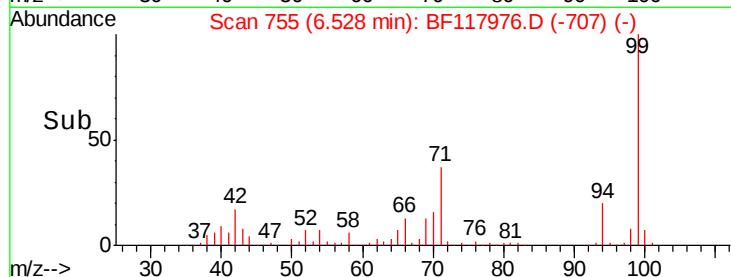
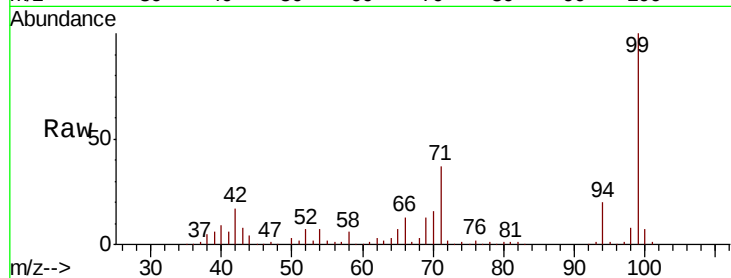
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1333083

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.9	22.3
71	36.8	28.6	43.0

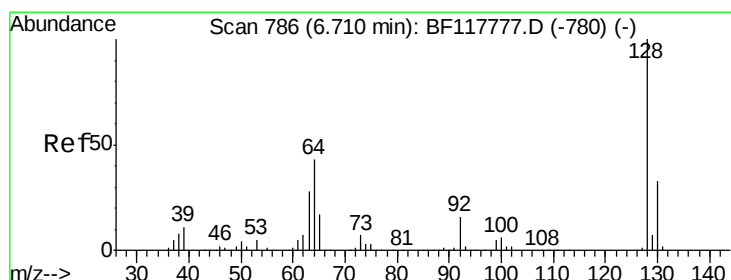
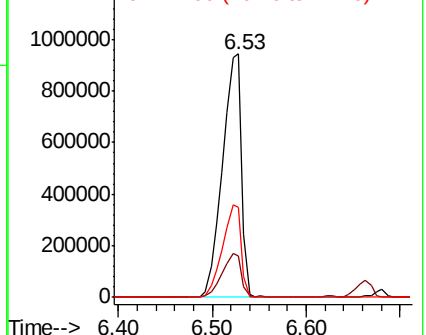


Abundance

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: 46.202 ng

RT: 6.68 min Scan# 781

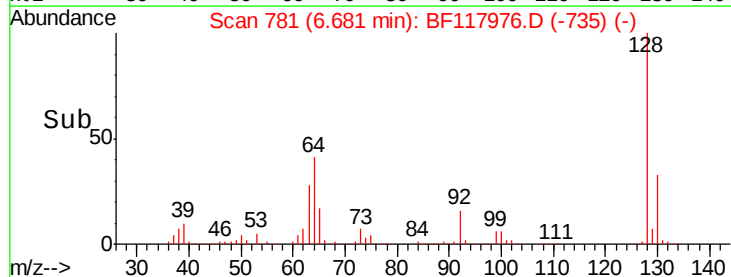
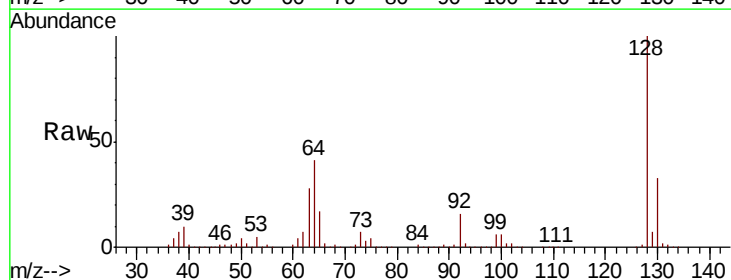
Delta R.T. -0.03 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Tgt Ion: 128 Resp: 448445

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.2	53.2
64	41.3	23.7	63.7

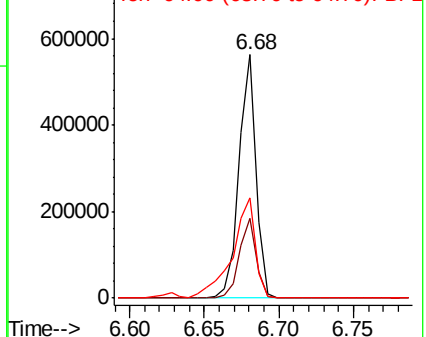


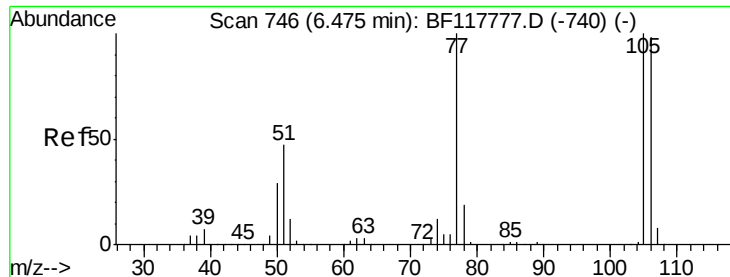
Abundance

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

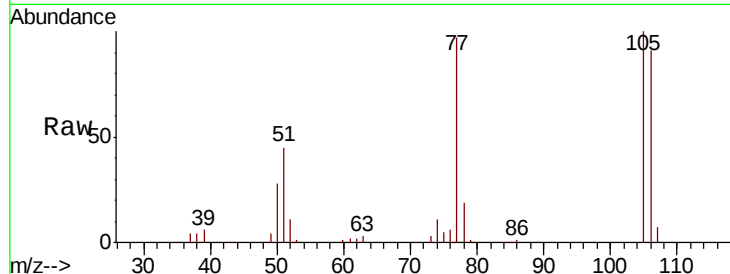




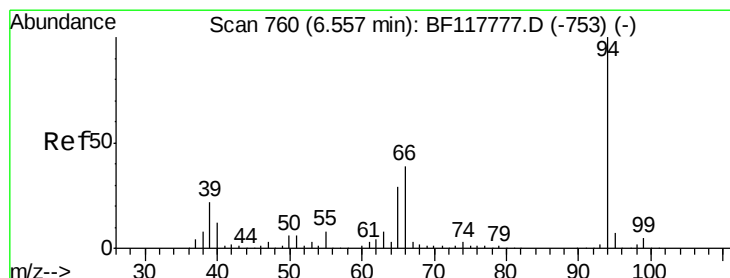
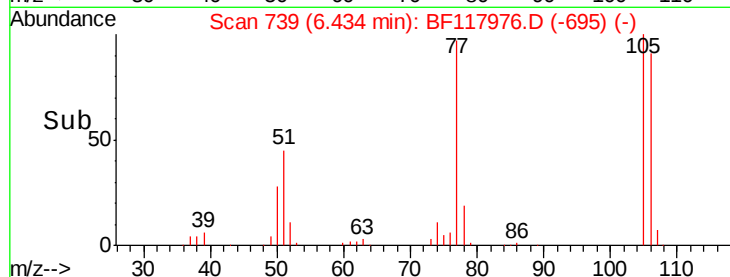
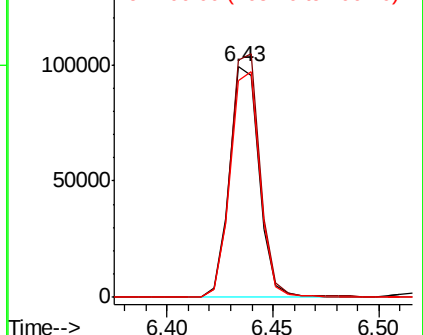
#9
Benzaldehyde
Concen: 9.745 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 95670
Ion Ratio Lower Upper
77 100
105 102.9 80.2 120.2
106 93.9 78.4 118.4

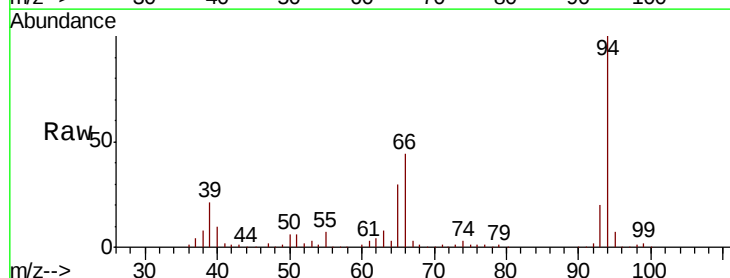


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

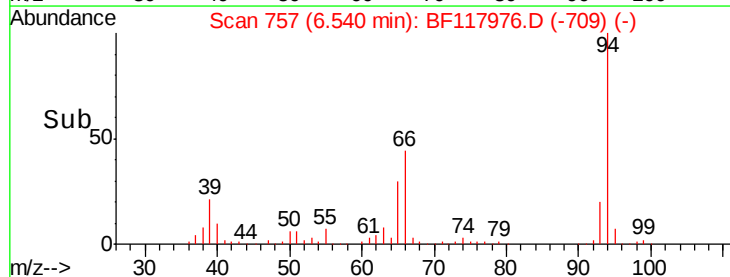
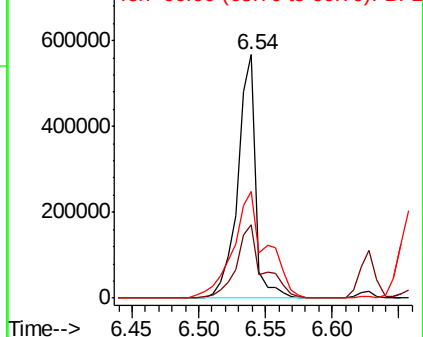


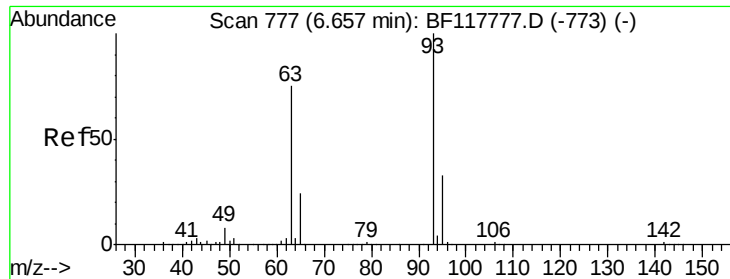
#10
Phenol
Concen: 47.844 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion: 94 Resp: 536401
Ion Ratio Lower Upper
94 100
65 30.2 8.9 48.9
66 44.0 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

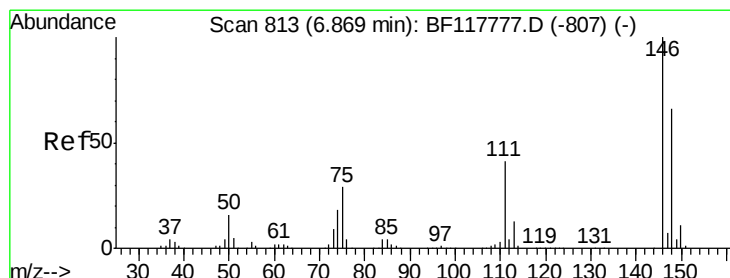
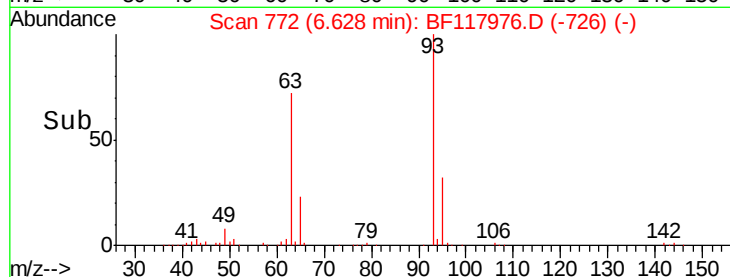
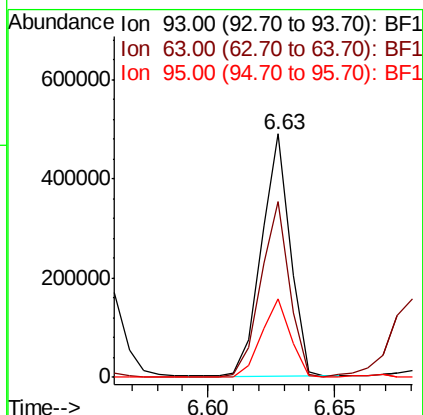
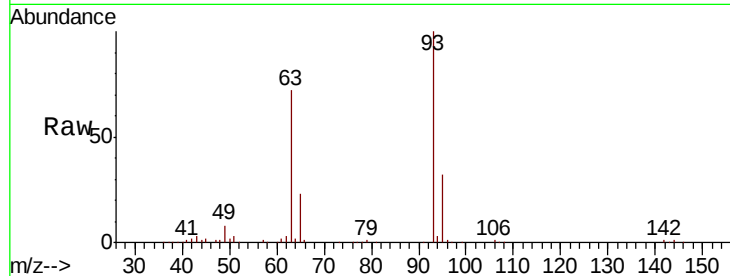




#11
bis(2-Chloroethyl)ether
Concen: 42.624 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

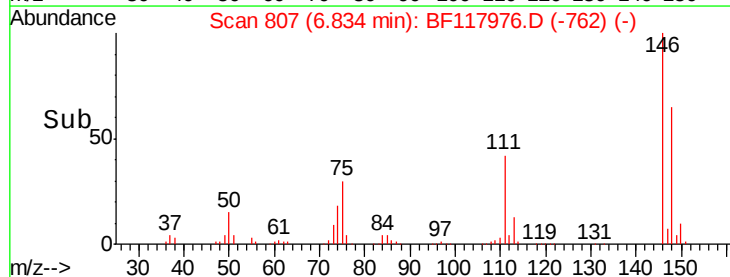
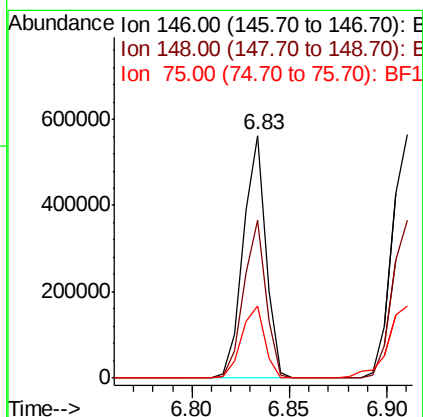
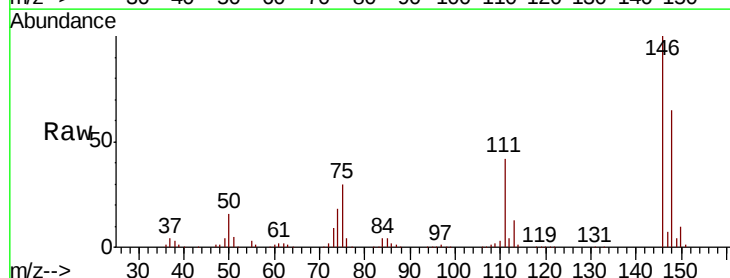
Instrument :
BNA_F
ClientSampleId :

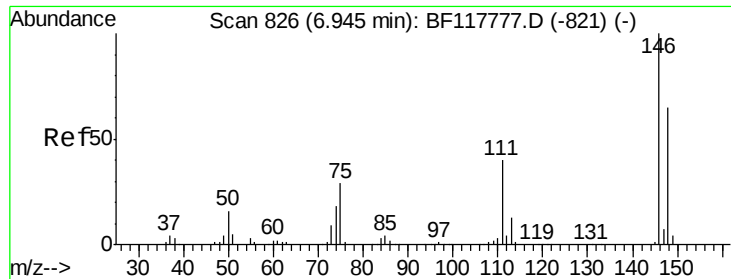
Tot Ion: 93 Resp: 383761
Ion Ratio Lower Upper
93 100
63 72.1 54.8 94.8
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.368 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion: 146 Resp: 449862
Ion Ratio Lower Upper
146 100
148 65.1 52.8 79.2
75 29.9 23.4 35.0

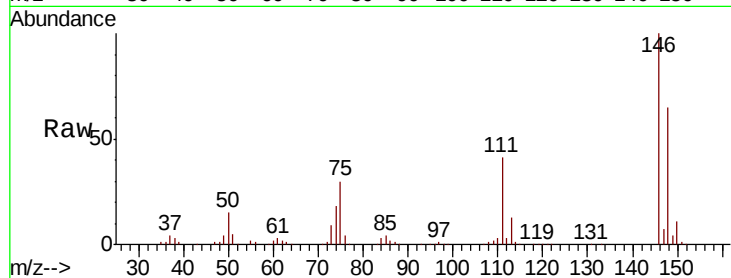




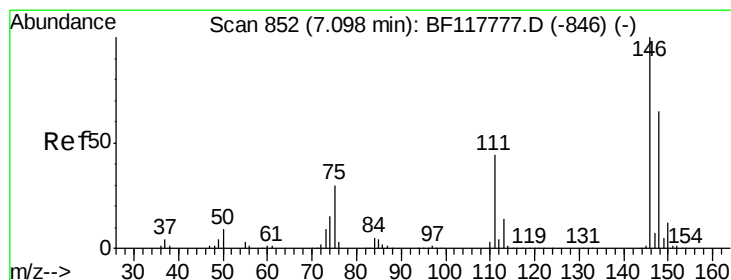
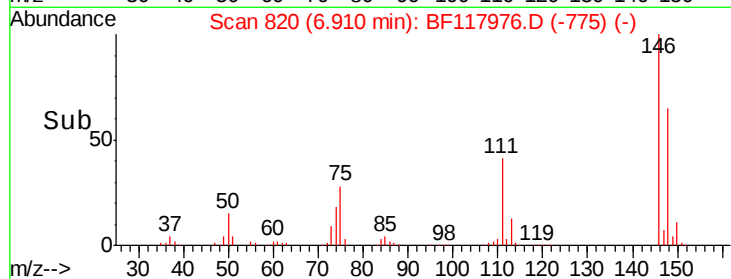
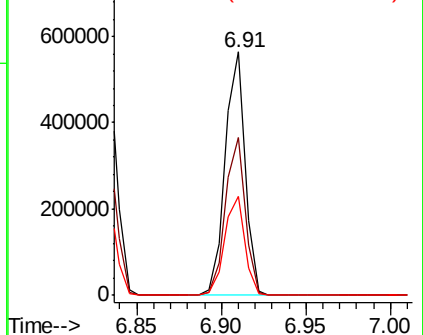
#13
 1,4-Dichlorobenzene
 Concen: 40.122 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.04 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 463430
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 40.8 32.2 48.4

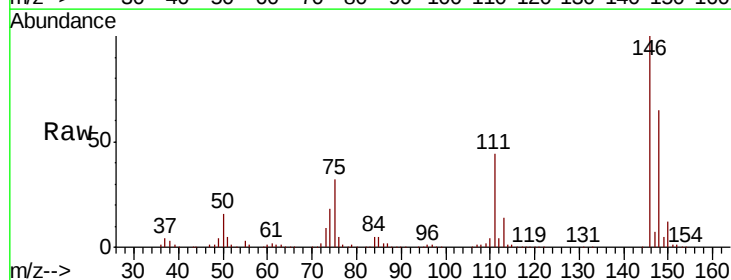


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

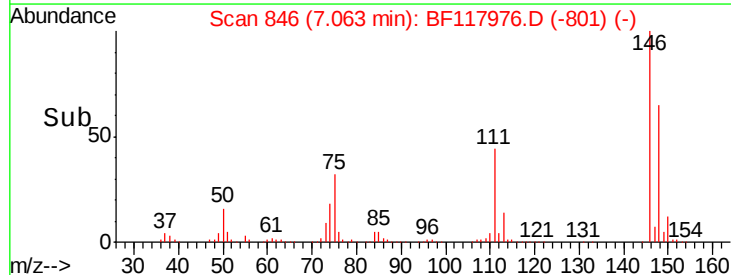
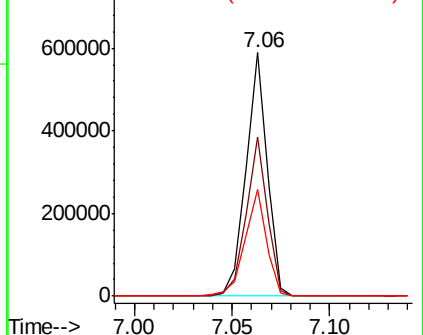


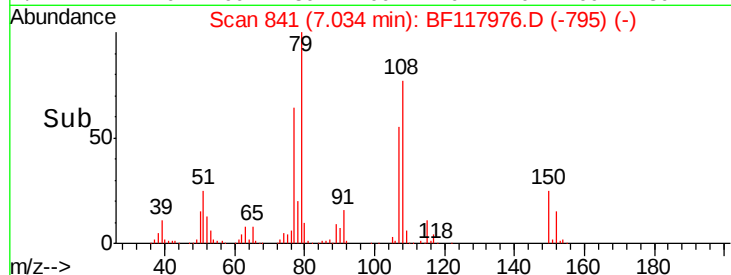
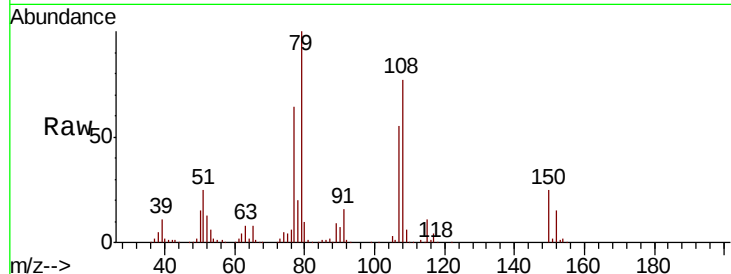
#14
 1,2-Dichlorobenzene
 Concen: 40.132 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.04 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion:146 Resp: 443326
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.8
 111 44.0 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: 47.263 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.03 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampled :

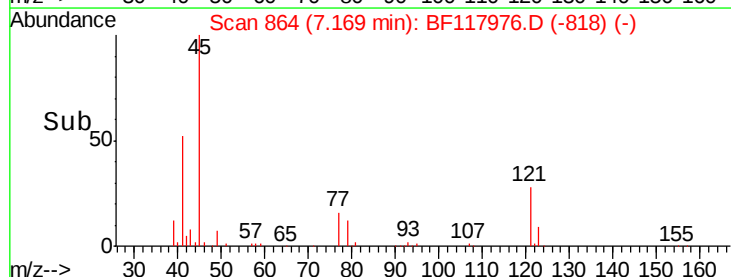
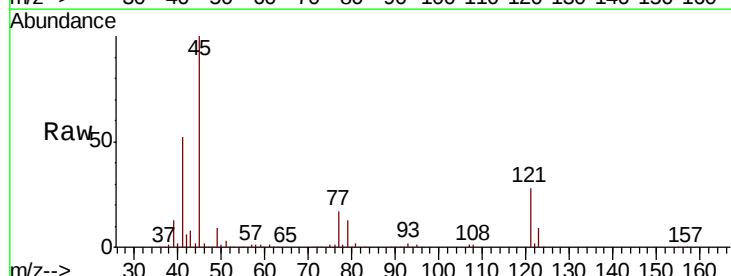
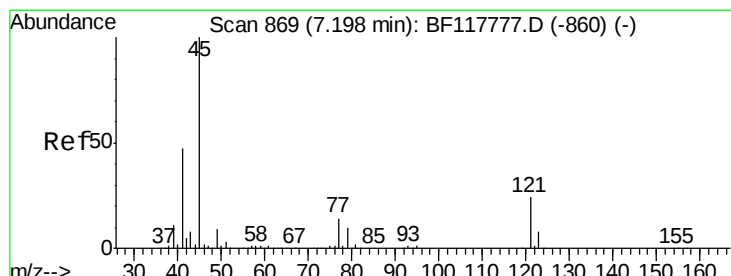
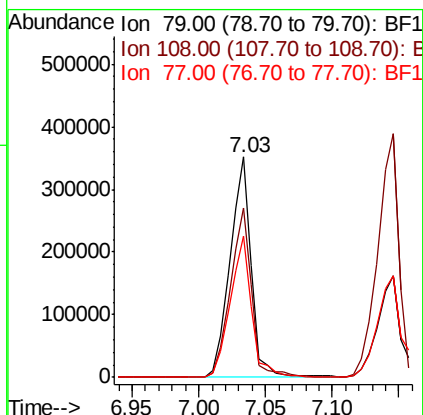
Tot Ion: 79 Resp: 393689

Ion Ratio Lower Upper

79 100

108 76.9 64.1 96.1

77 63.9 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.177 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

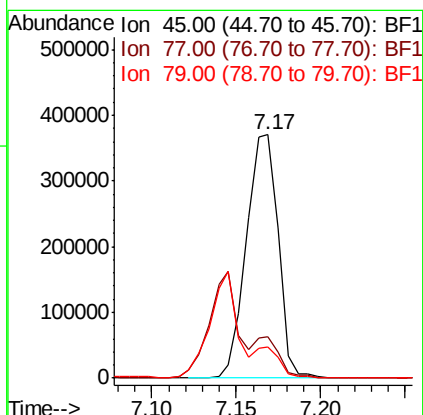
Tgt Ion: 45 Resp: 487606

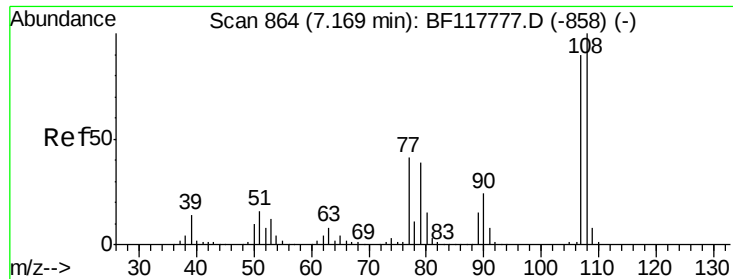
Ion Ratio Lower Upper

45 100

77 16.8 0.0 35.0

79 12.6 0.0 31.1

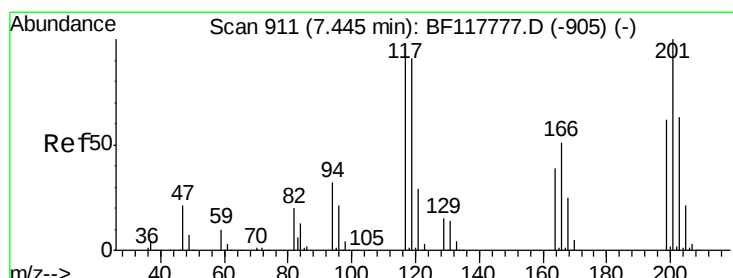
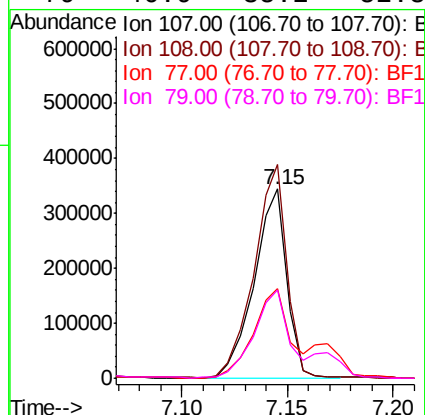
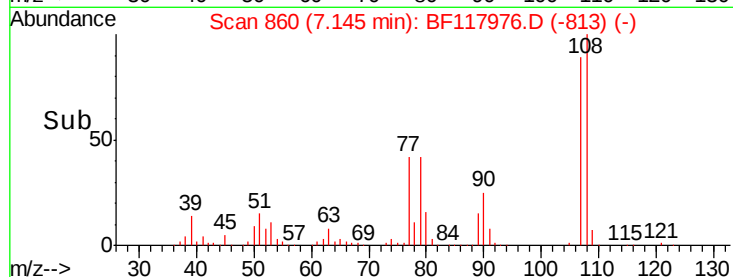
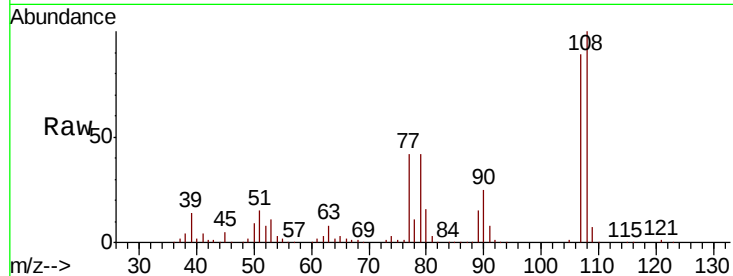




#17
2-Methylphenol
Concen: 44.864 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

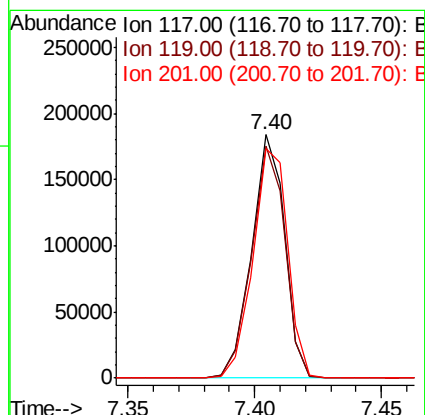
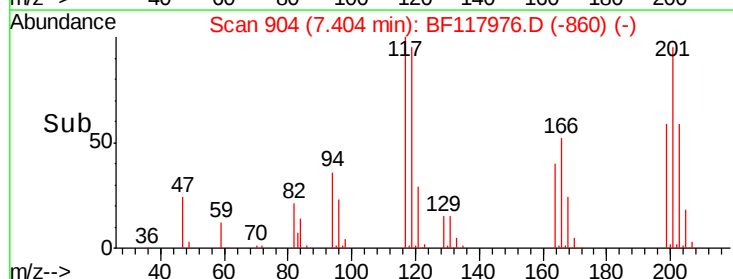
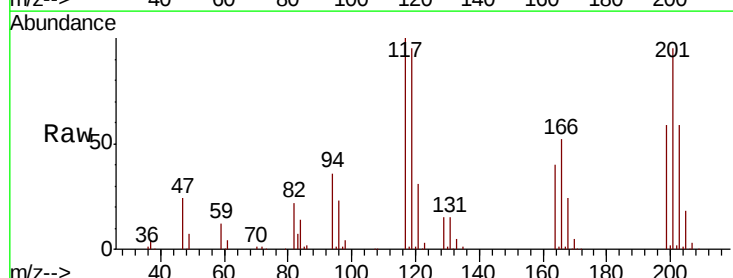
Instrument :
BNA_F
ClientSampled :

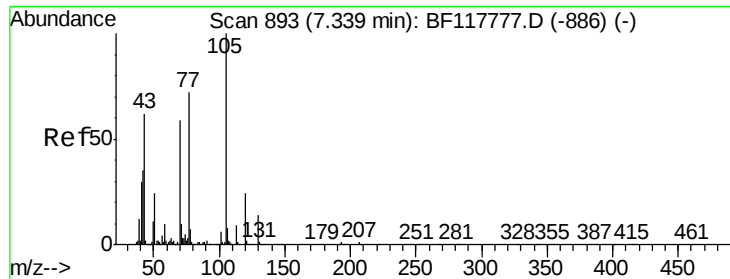
Tot Ion:	107	Resp:	368768
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.1	133.7
77	47.3	36.6	54.8
79	46.9	35.2	52.8



#18
Hexachloroethane
Concen: 39.418 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:	117	Resp:	167257
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.7	118.1
201	94.5	86.5	129.7

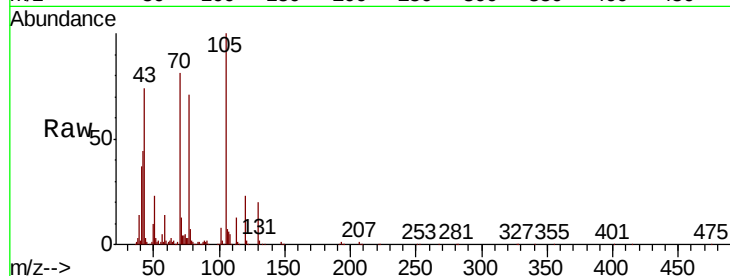




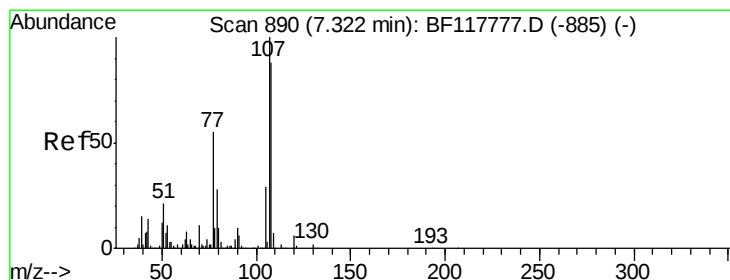
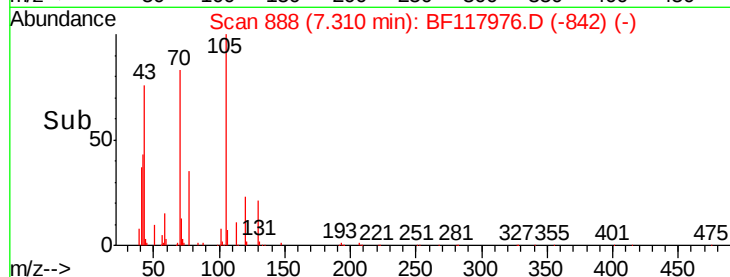
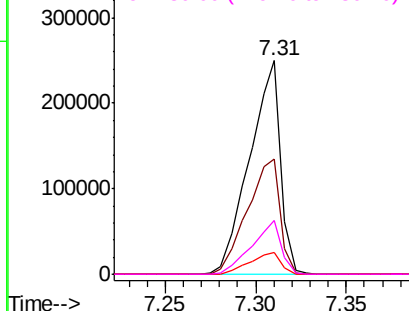
#19
n-Nitroso-di-n-propylamine
Concen: 44.469 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	295987
Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.4	71.2
101	10.2	8.4	12.6
130	25.1	18.8	28.2

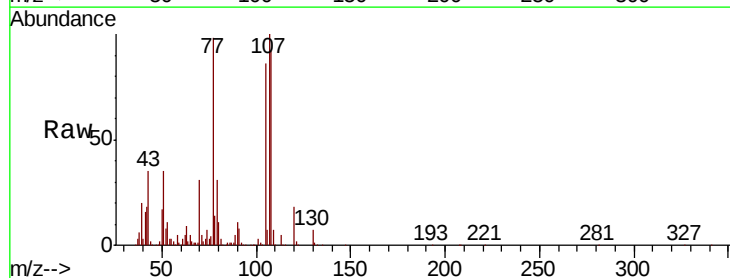


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

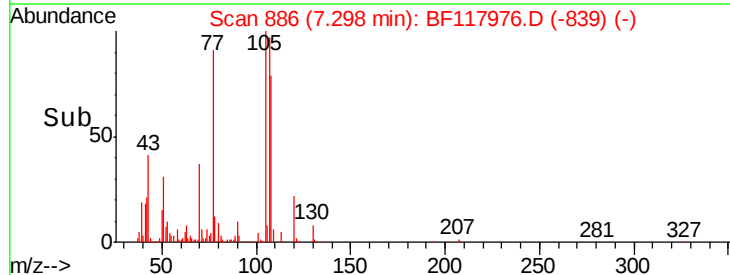
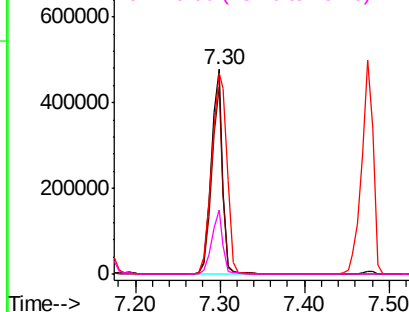


#20
3+4-Methylphenols
Concen: 44.575 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:	107	Resp:	454812
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.4	108.4
77	98.4	35.2	75.2#
79	31.0	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

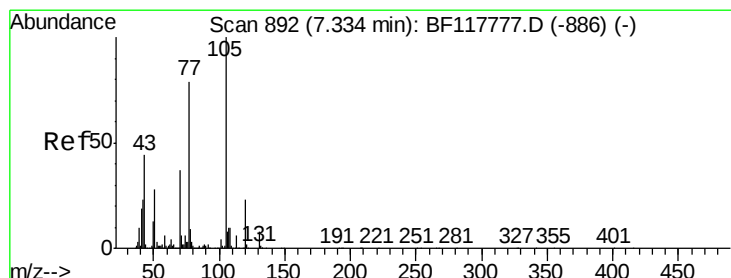
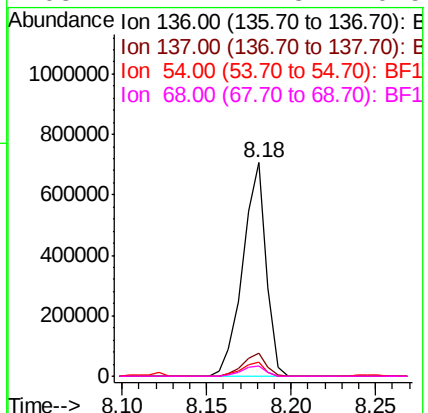
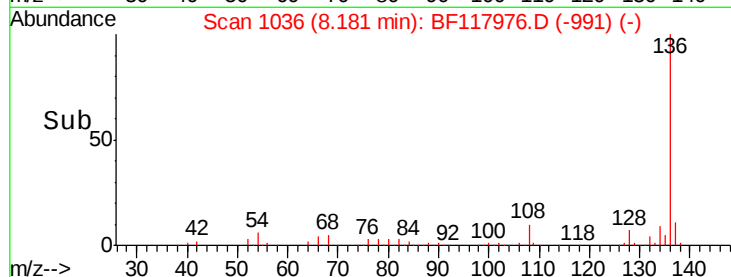
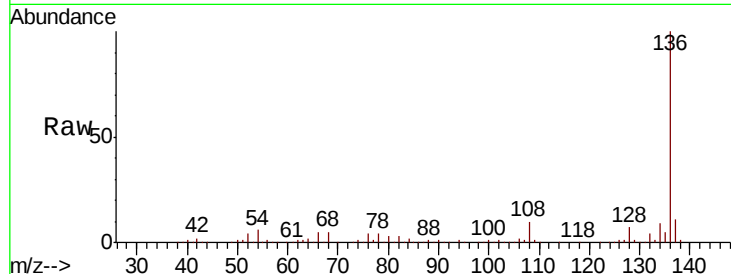




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

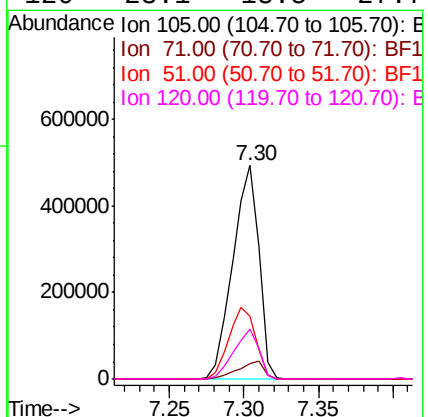
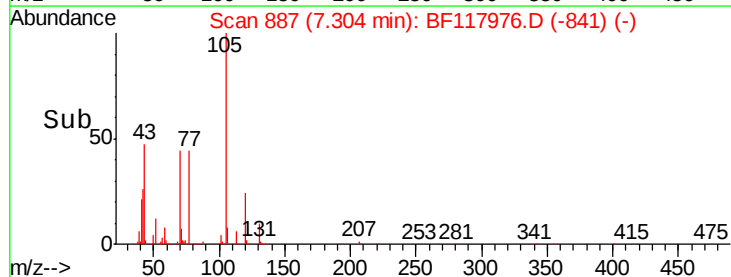
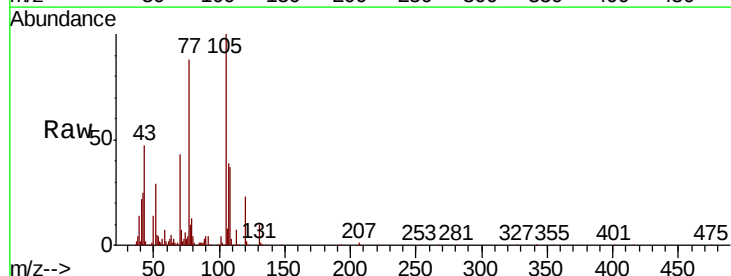
Instrument :
BNA_F
ClientSampled :

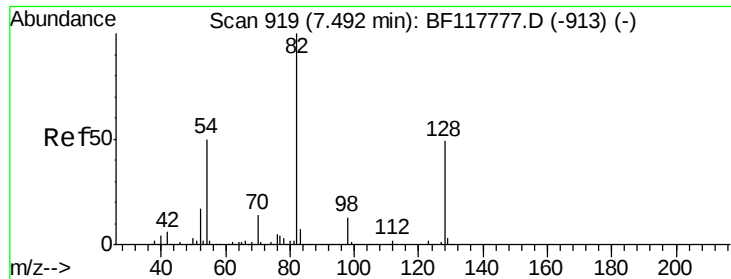
Tot Ion:136	Resp:	682338	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.0	13.4	
54 6.3	5.4	8.2	
68 4.7	4.3	6.5	



#22
Acetophenone
Concen: 39.397 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt	Ion:105	Resp:	603956
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.9	7.3
51	29.5	22.7	34.1
120	23.1	18.5	27.7

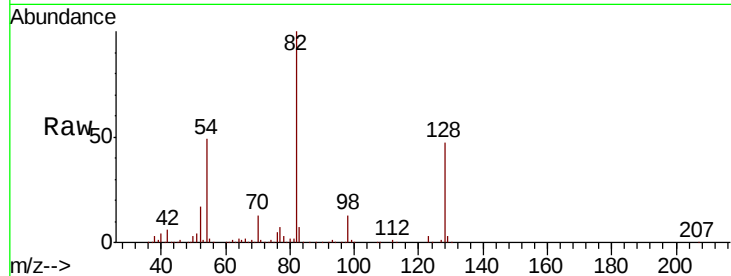




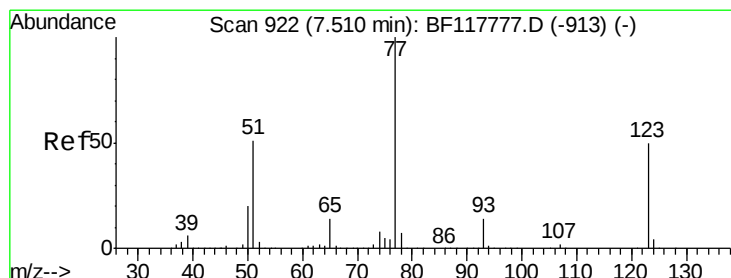
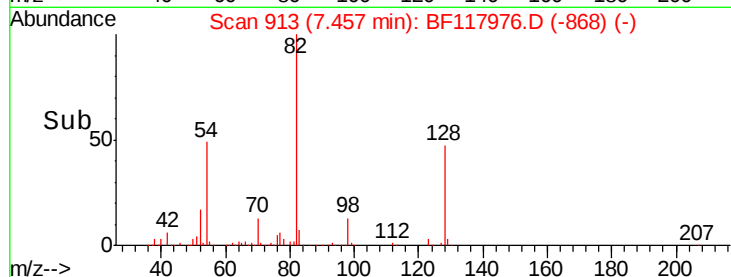
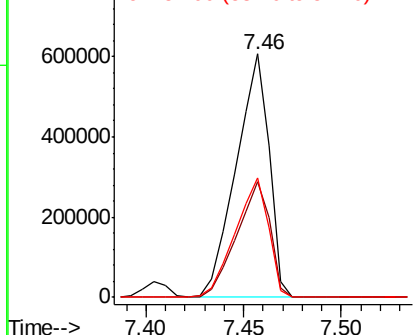
#23
 Nitrobenzene-d5
 Concen: 61.926 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.04 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	710809
Ion Ratio	100	Lower	Upper
128	47.4	38.9	58.3
54	49.2	39.8	59.6

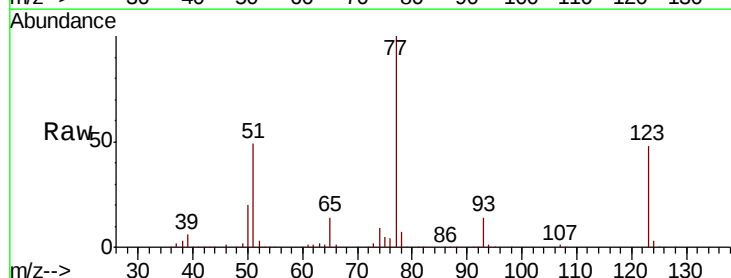


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

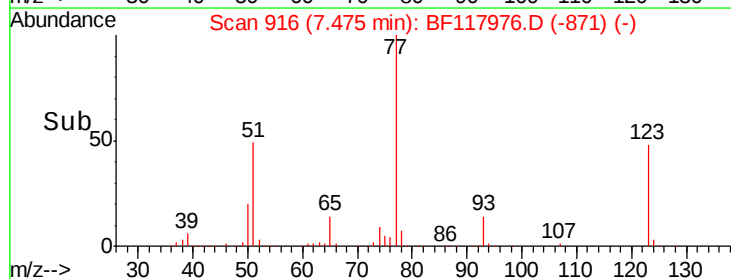
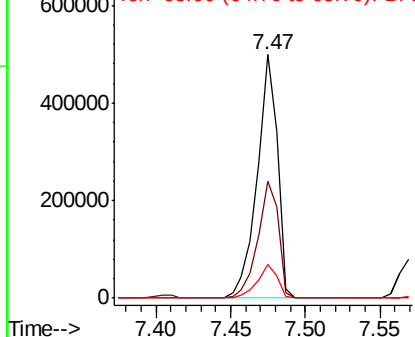


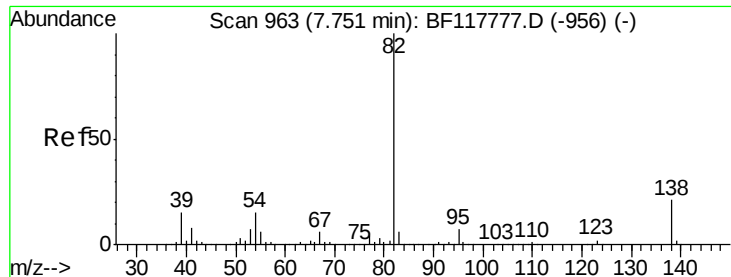
#24
 Nitrobenzene
 Concen: 39.269 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.04 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion	77	Resp	464997
Ion Ratio	100	Lower	Upper
123	48.0	40.3	60.5
65	13.6	10.9	16.3



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

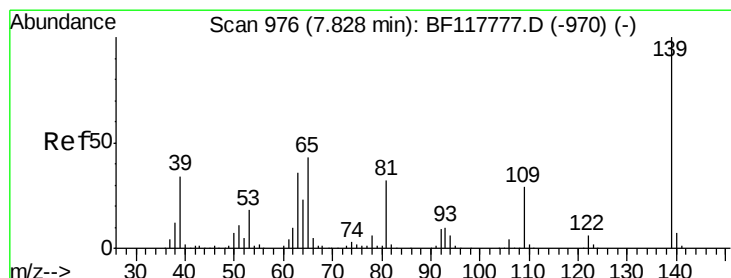
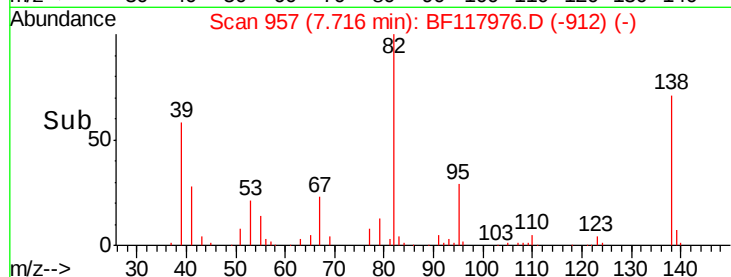
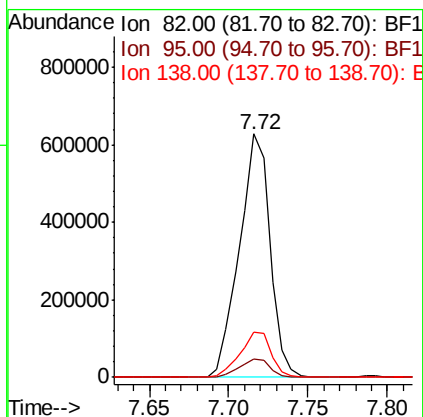
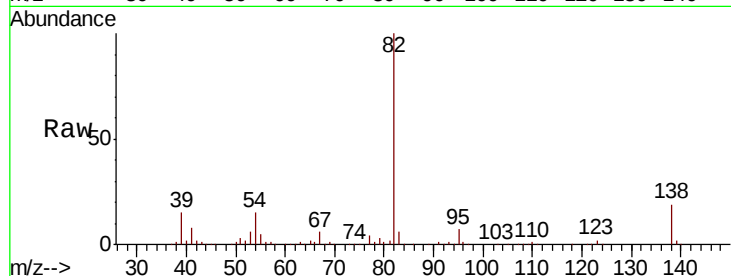




#25
Isophorone
Concen: 39.965 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

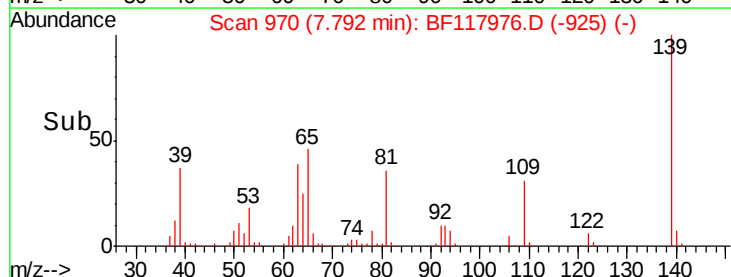
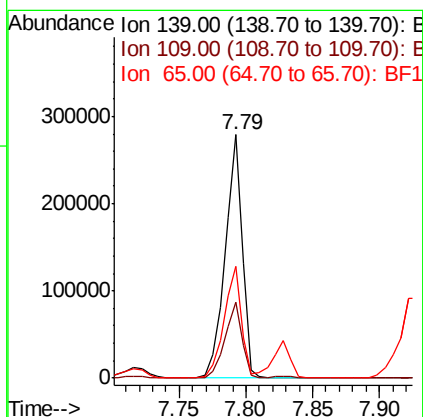
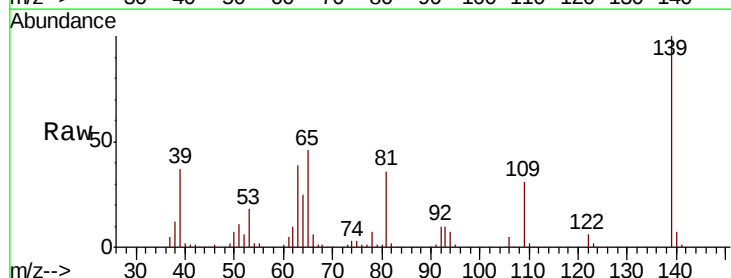
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 840789
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 18.5 16.5 24.7



#26
2-Nitrophenol
Concen: 44.033 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion: 139 Resp: 253788
Ion Ratio Lower Upper
139 100
109 31.3 23.0 34.4
65 46.0 34.7 52.1

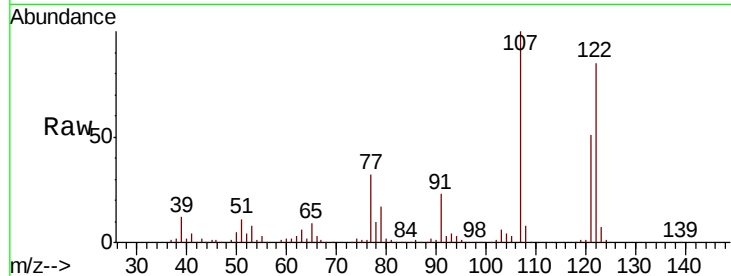




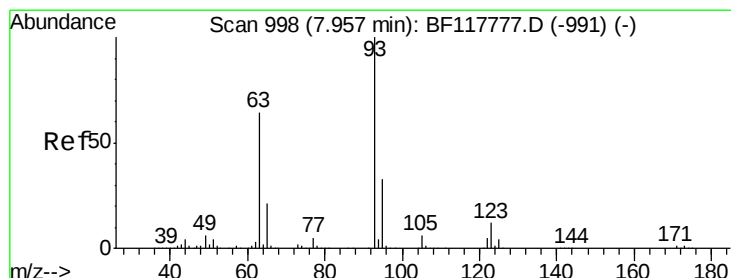
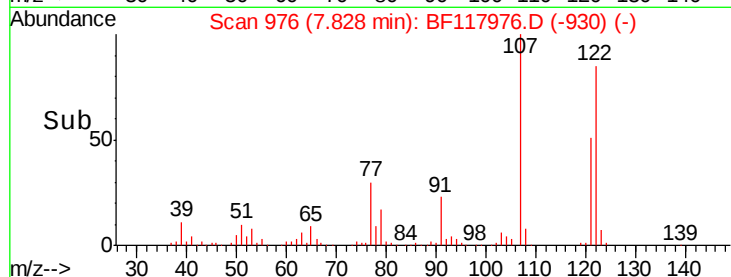
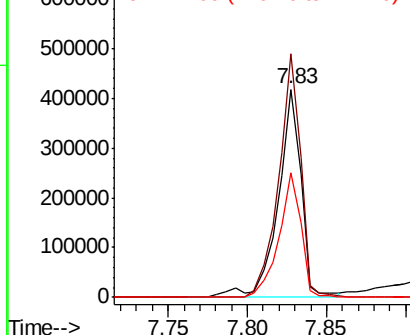
#27
2,4-Dimethylphenol
Concen: 46.982 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 420763
Ion Ratio Lower Upper
122 100
107 117.2 90.0 135.0
121 60.2 46.7 70.1

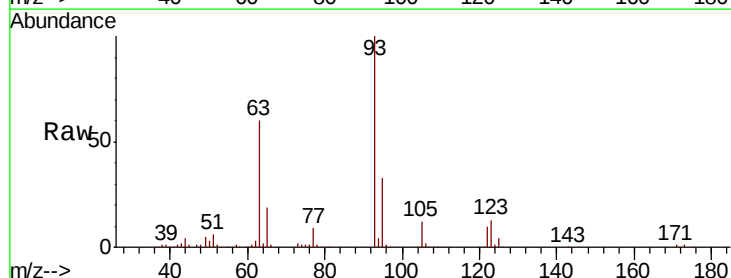


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

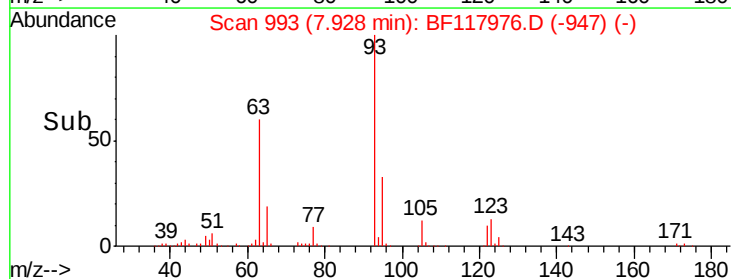
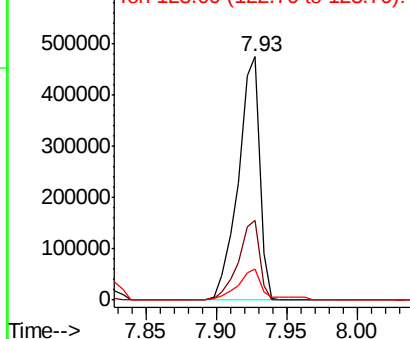


#28
bis(2-Chloroethoxy)methane
Concen: 37.579 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion: 93 Resp: 501683
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 12.9 10.3 15.5



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

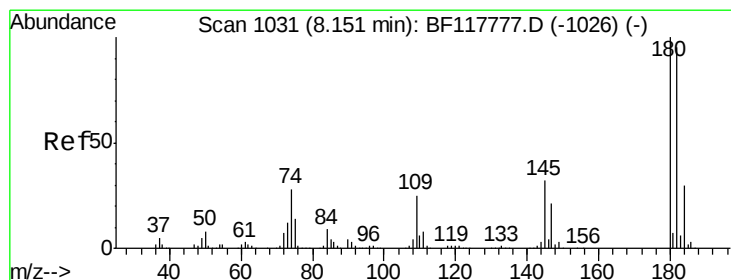
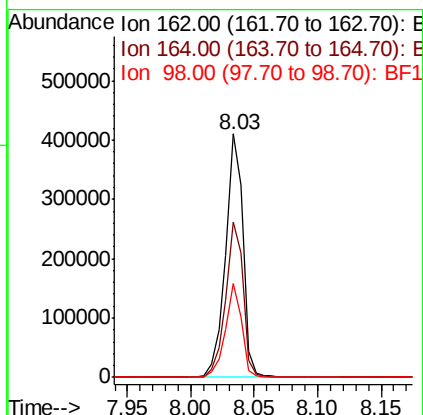
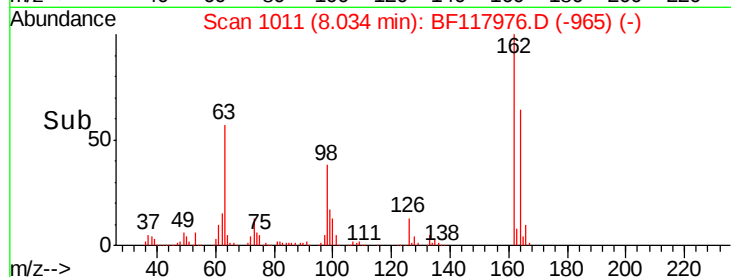
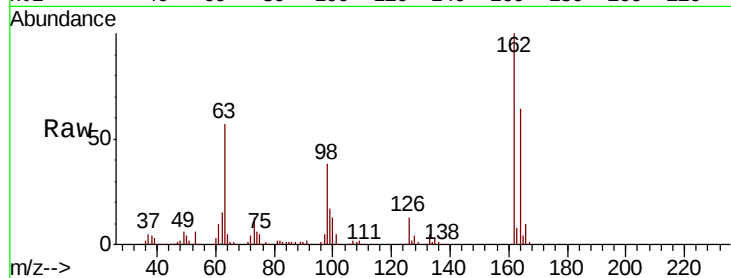




#29
2,4-Dichlorophenol
Concen: 40.241 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

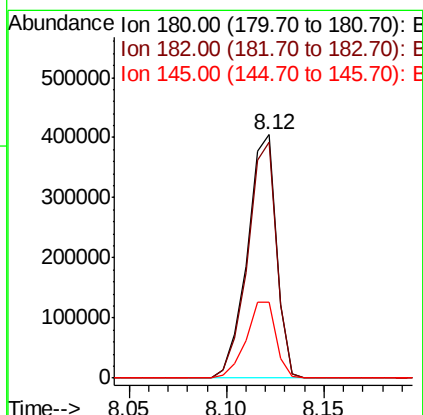
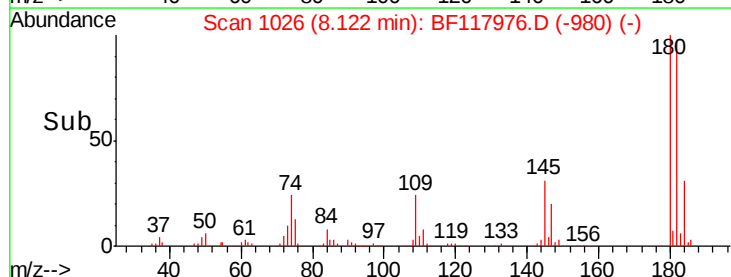
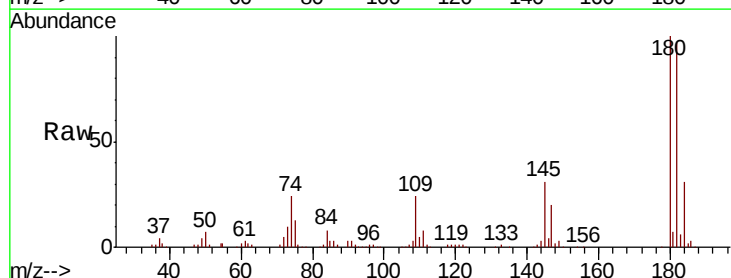
Instrument :
BNA_F
ClientSampleId :

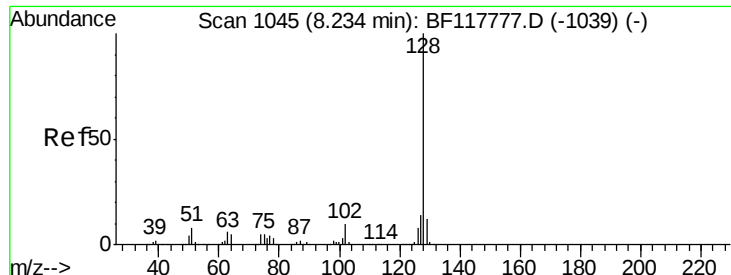
Tot Ion:162 Resp: 390926
Ion Ratio Lower Upper
162 100
164 64.0 45.1 85.1
98 38.5 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 37.132 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:180 Resp: 418409
Ion Ratio Lower Upper
180 100
182 96.8 75.8 113.6
145 31.2 25.5 38.3

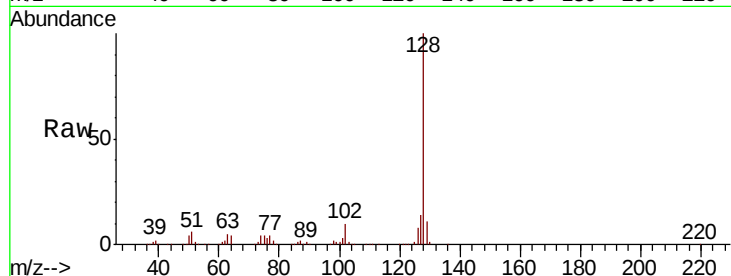




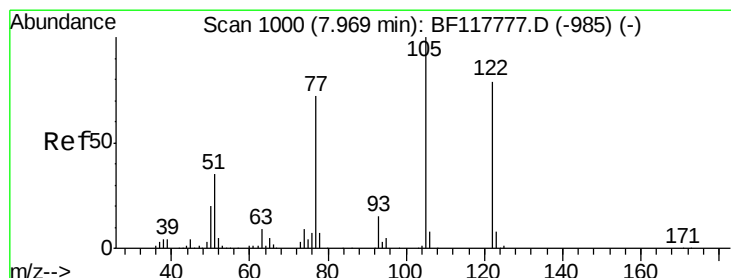
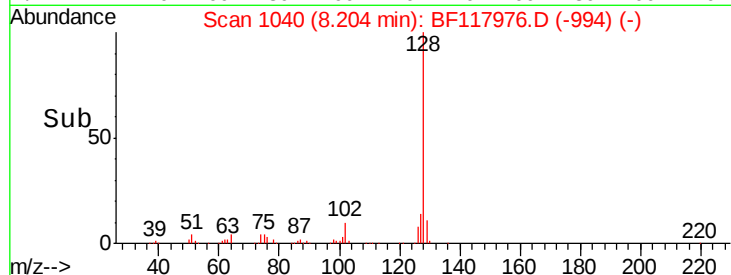
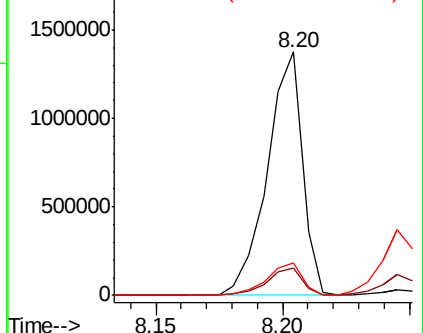
#31
Naphthalene
Concen: 41.544 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1321522
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.6 11.3 16.9

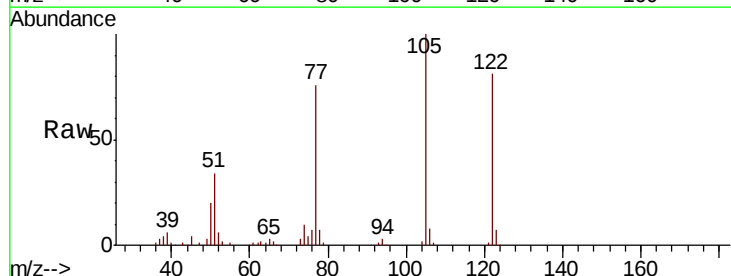


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

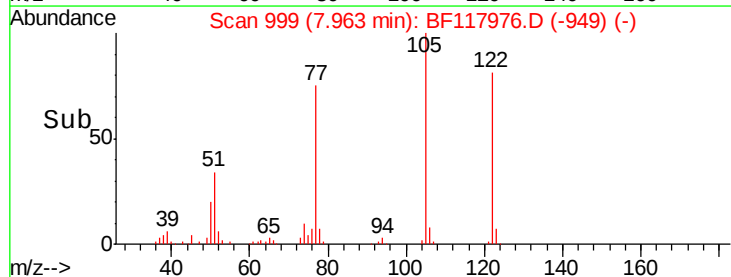
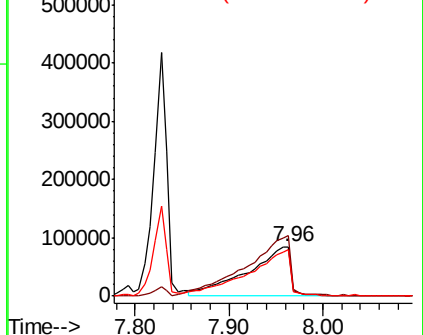


#32
Benzoic acid
Concen: 35.405 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:122 Resp: 265499
Ion Ratio Lower Upper
122 100
105 123.1 102.7 142.7
77 93.3 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

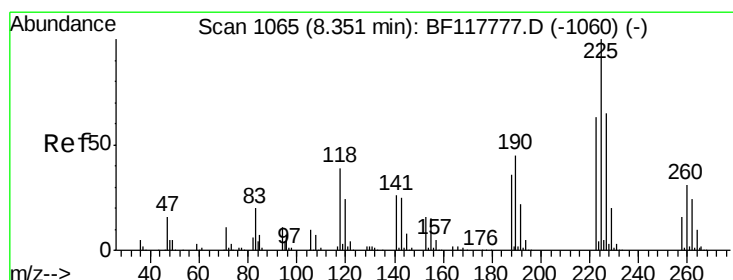
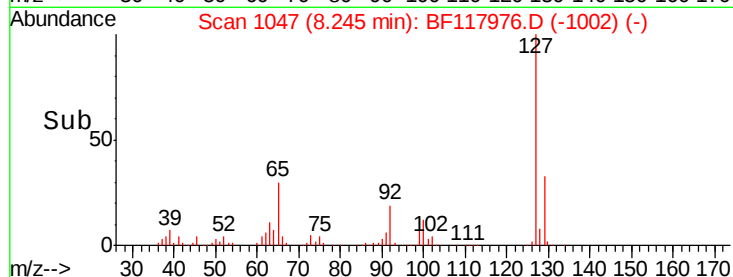
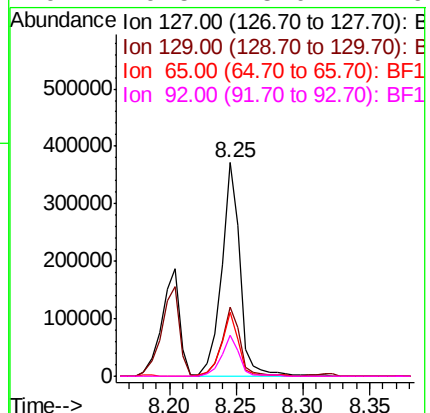
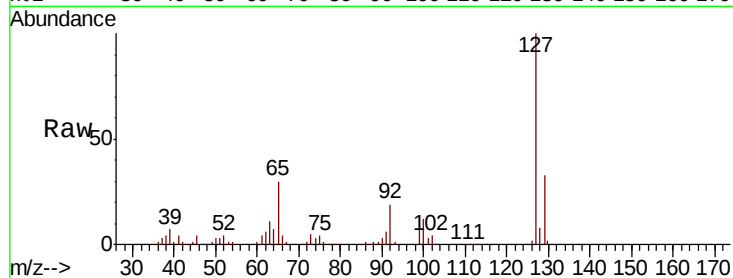




#33
4-Chloroaniline
Concen: 25.305 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

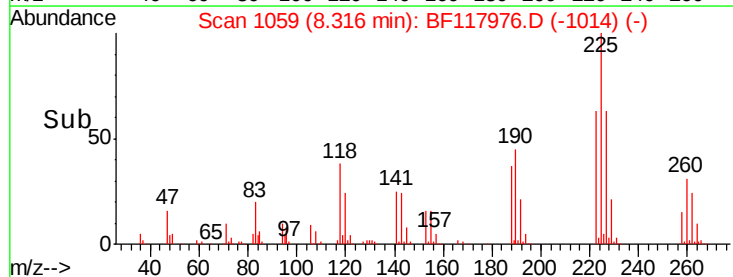
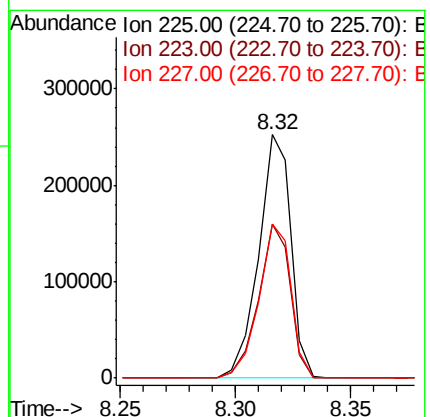
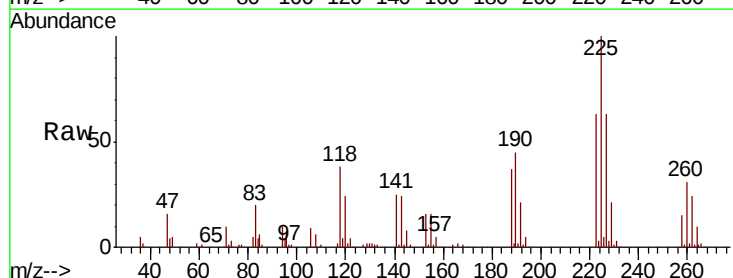
Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	360366
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	29.7	22.9	34.3
92	19.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 37.213 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:	225	Resp:	245165
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.0	75.0
227	63.5	51.8	77.6

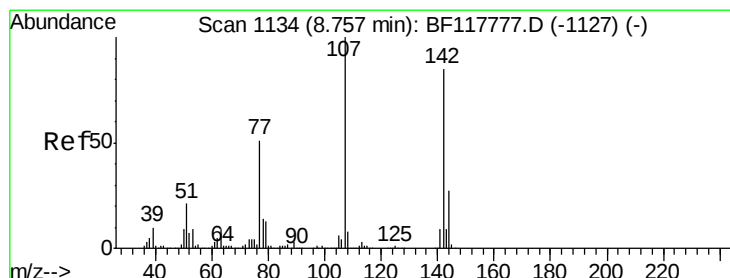
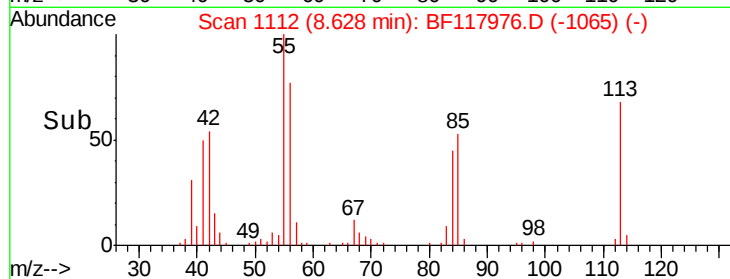
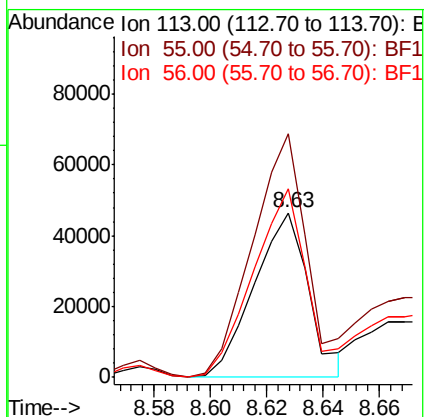
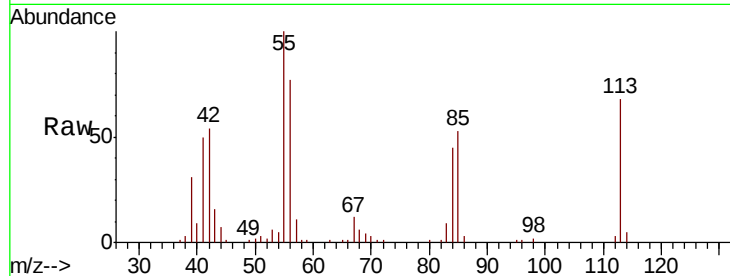




#35
Caprolactam
Concen: 20.138 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

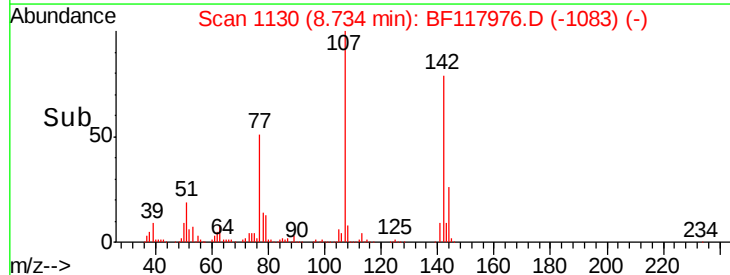
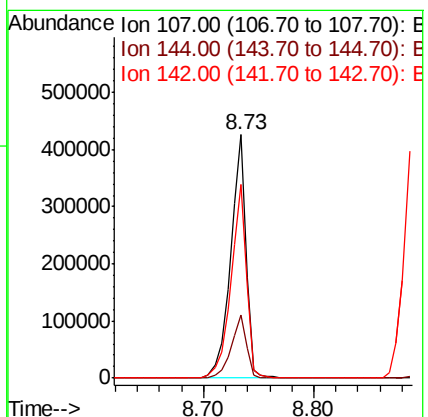
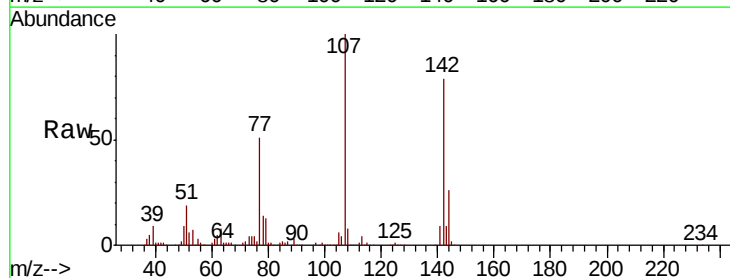
Instrument :
BNA_F
ClientSampleId :

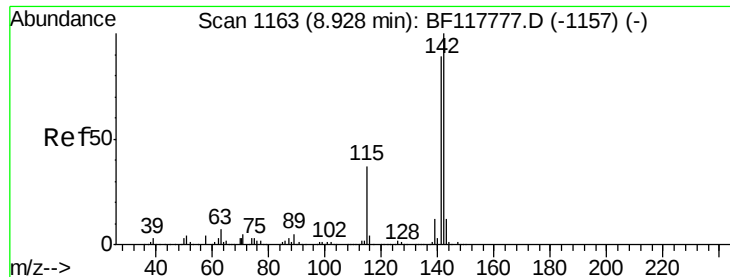
Tot Ion:113 Resp: 62176
Ion Ratio Lower Upper
113 100
55 148.0 141.1 181.1
56 114.4 100.5 140.5



#36
4-Chloro-3-methylphenol
Concen: 42.404 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:107 Resp: 418065
Ion Ratio Lower Upper
107 100
144 25.9 21.9 32.9
142 79.3 67.7 101.5

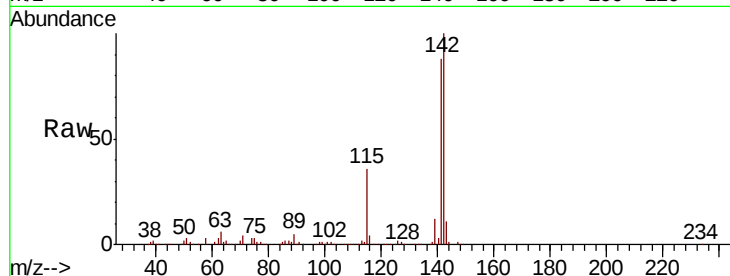




#37
2-Methylnaphthalene
Concen: 42.518 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.1	106.7
115	35.6	29.2	43.8

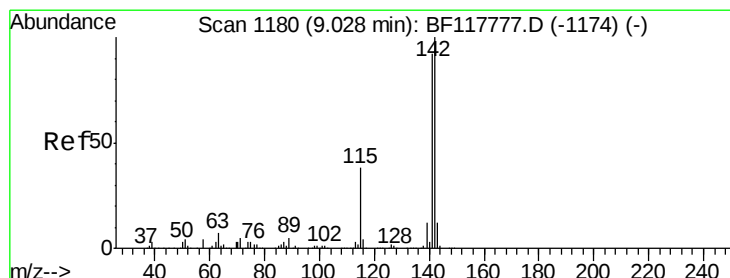
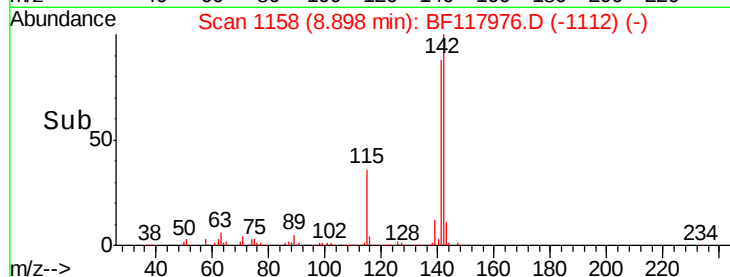
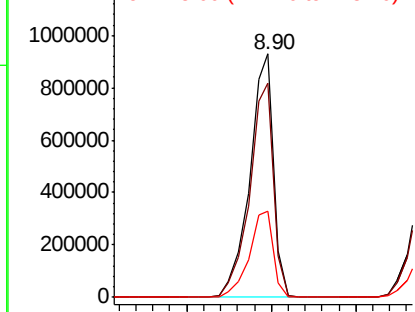


Abundance

Ion 142.00 (141.70 to 142.70): E

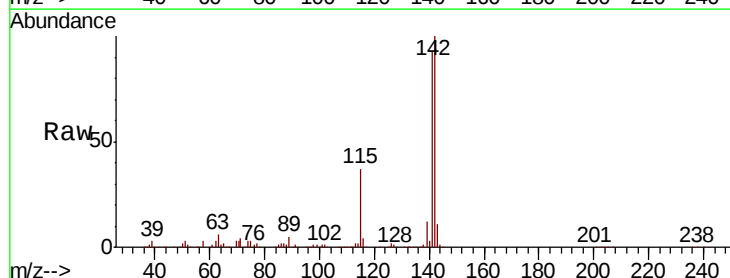
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.173 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.5	110.3
116	3.8	3.2	4.8

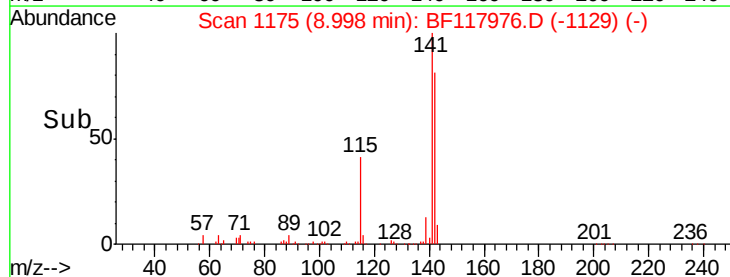
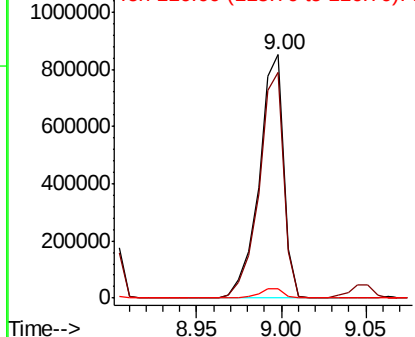


Abundance

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

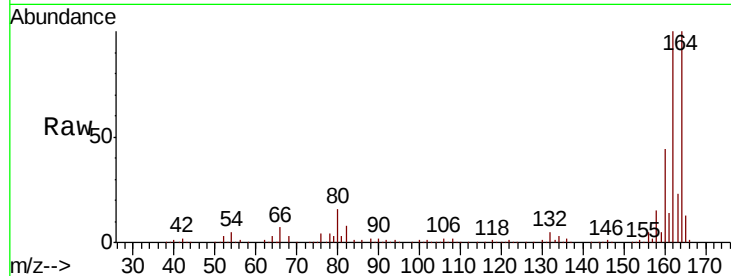




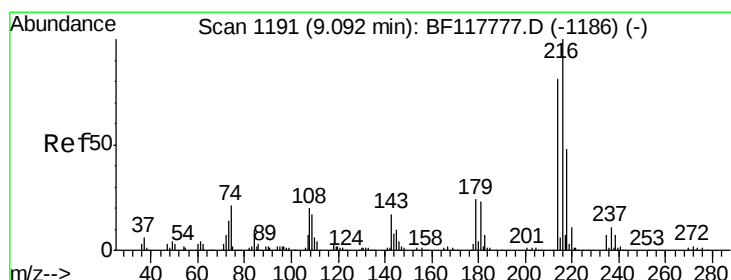
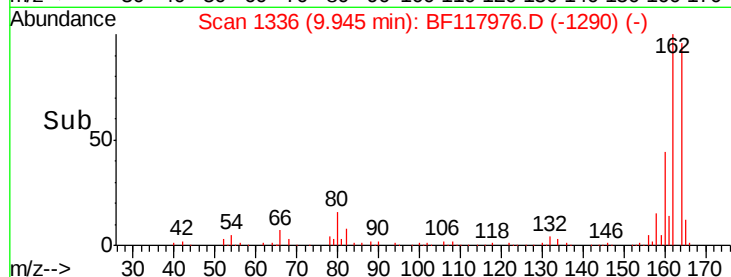
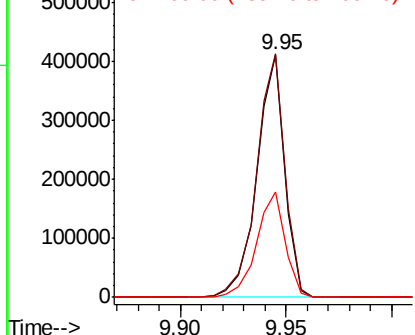
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 374938
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 43.7 36.6 55.0

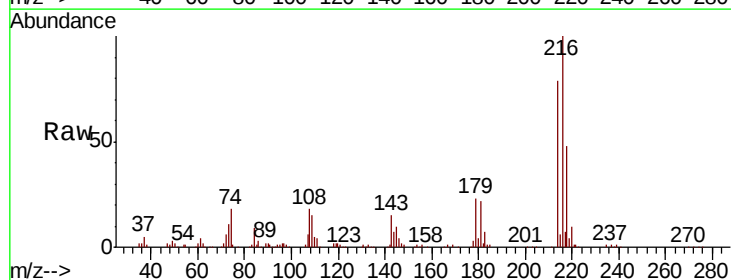


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

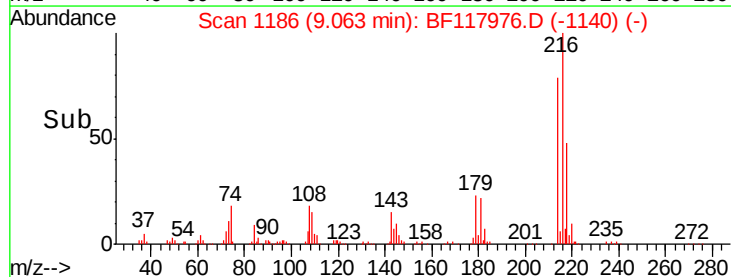
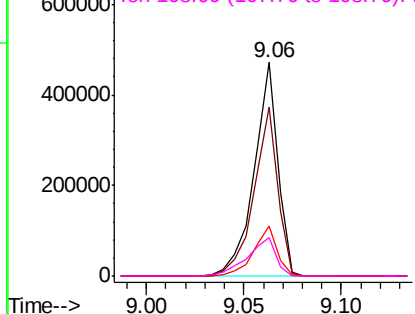


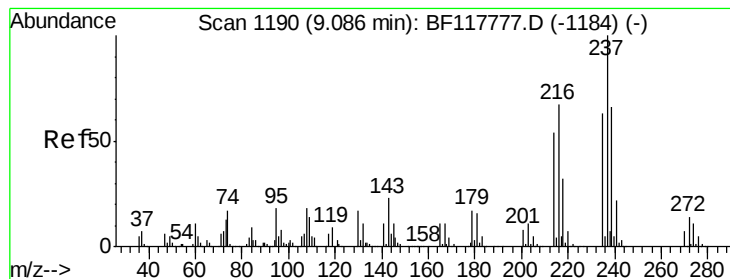
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.369 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:216 Resp: 396002
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.0
179 23.3 18.2 27.4
108 21.6 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: 62.664 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.04 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampled :

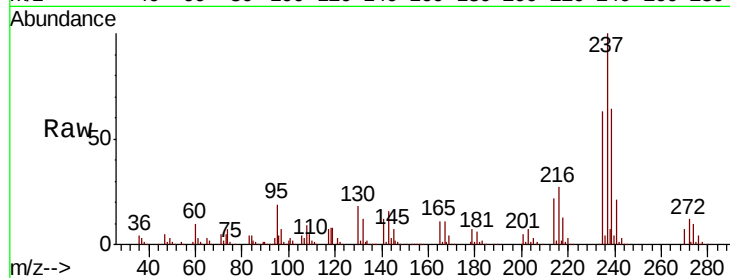
Tot Ion:237 Resp: 382375

Ion Ratio Lower Upper

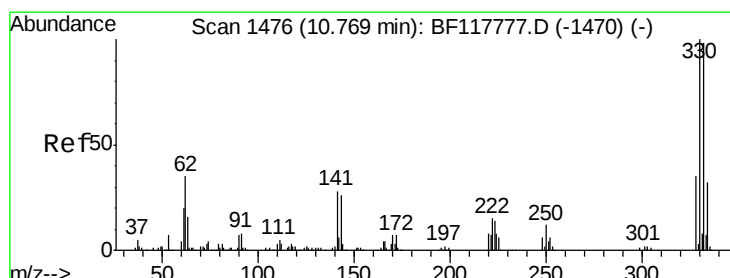
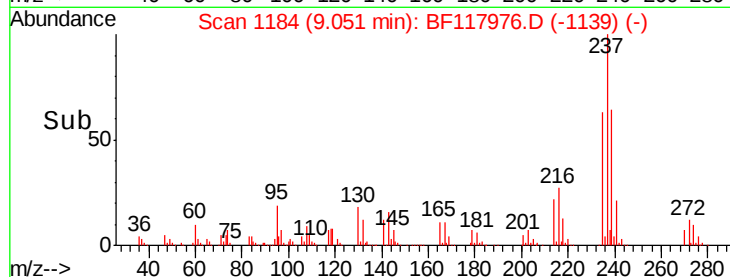
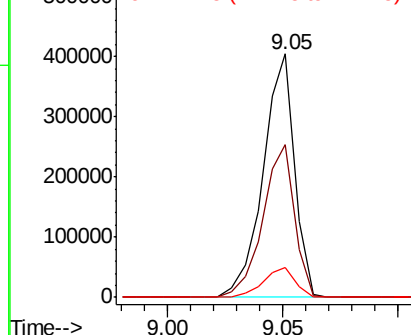
237 100

235 62.8 42.6 82.6

272 12.4 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: 120.638 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.03 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

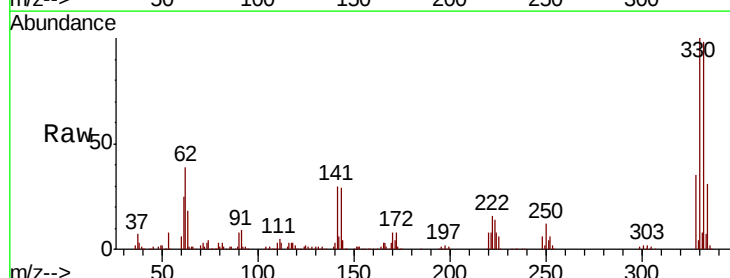
Tgt Ion:330 Resp: 478863

Ion Ratio Lower Upper

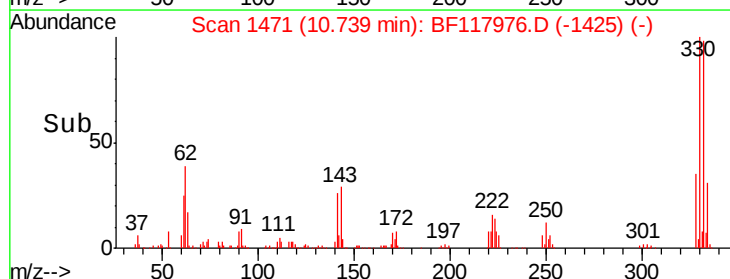
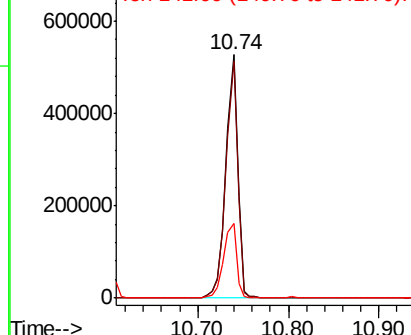
330 100

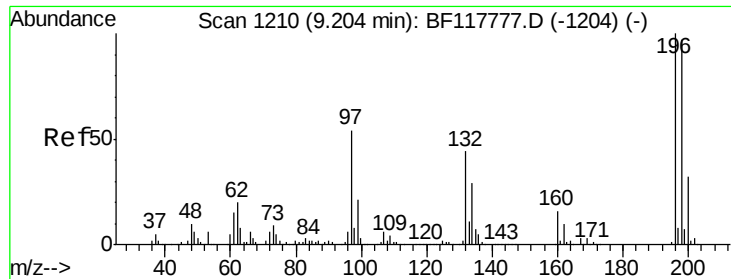
332 96.5 76.7 115.1

141 33.1 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

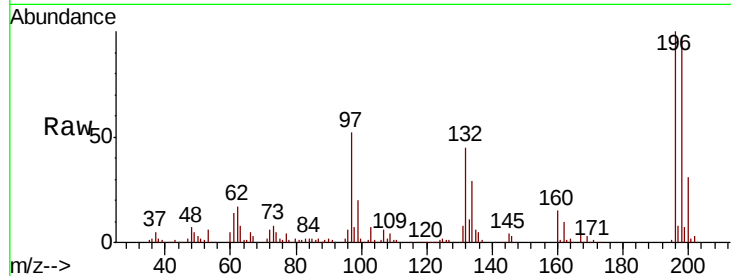




#43
 2,4,6-Trichlorophenol
 Concen: 37.370 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	291451
Ion Ratio	Lower	Upper	
196	100		
198	96.7	77.8	116.6
200	30.5	25.4	38.0

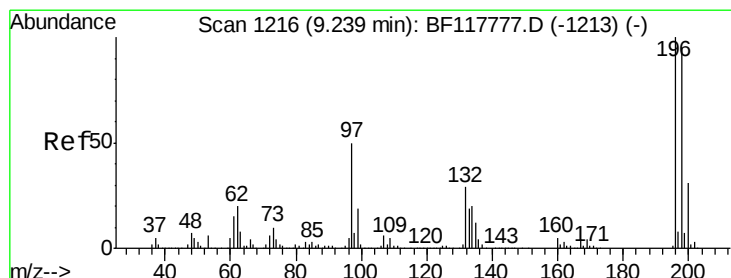
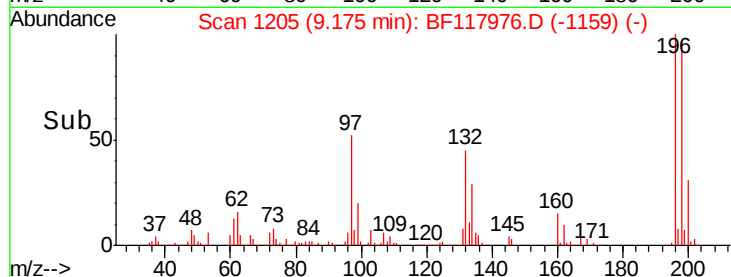
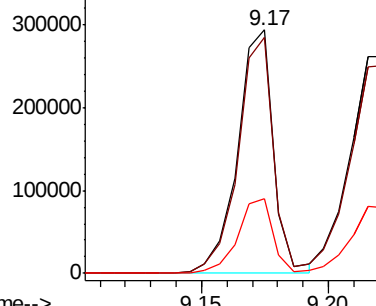


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.276 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion	196	Resp	309945
Ion Ratio	Lower	Upper	
196	100		
198	95.7	76.3	114.5
97	45.2	40.0	60.0
132	27.9	23.6	35.4

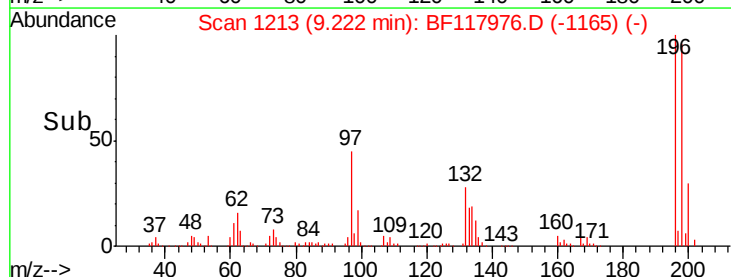
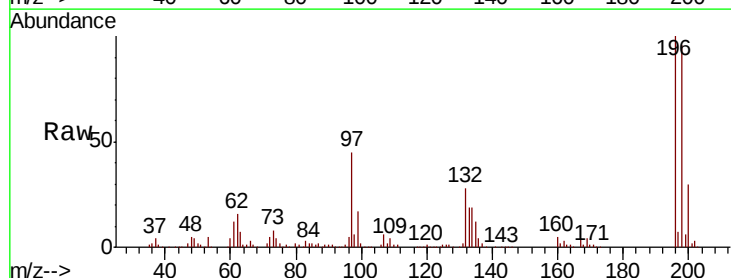
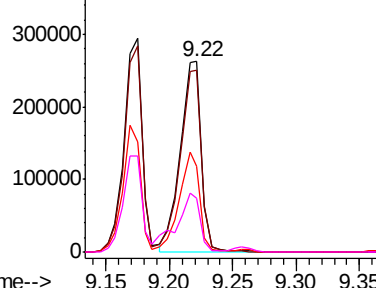
Abundance

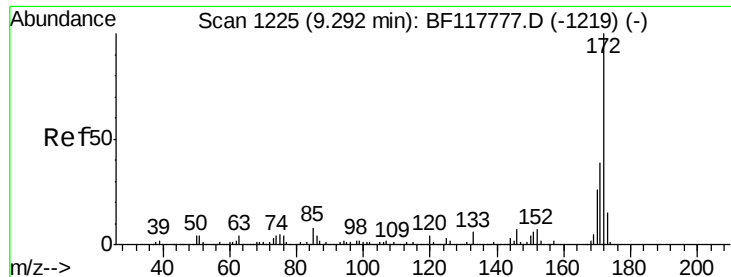
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



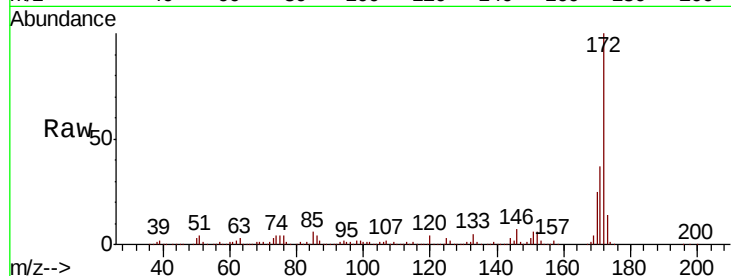


#45
 2-Fluorobiphenyl
 Concen: 69.798 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.04 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

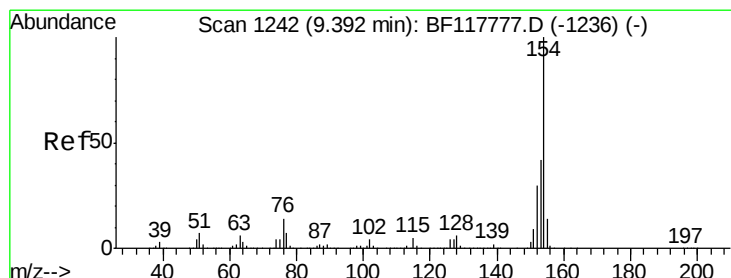
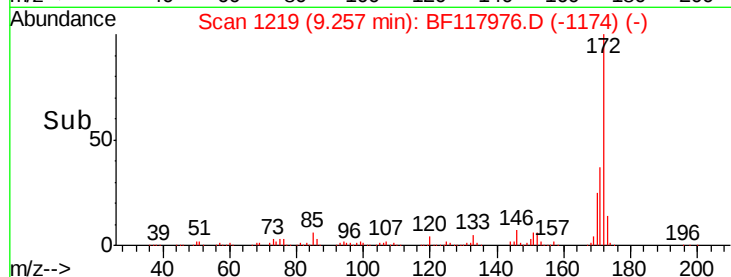
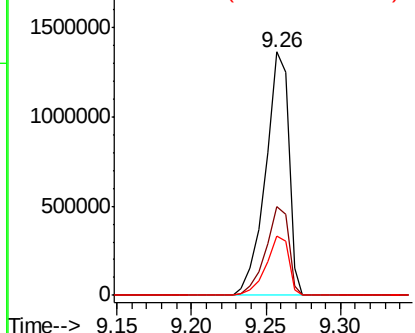
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1458710

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.9	46.3
170	24.6	21.0	31.4



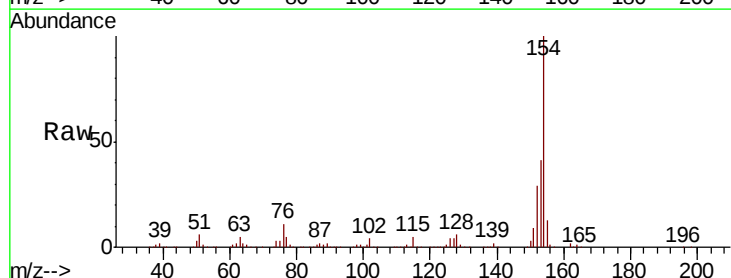
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



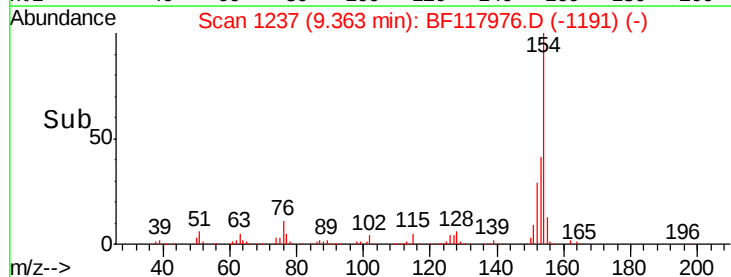
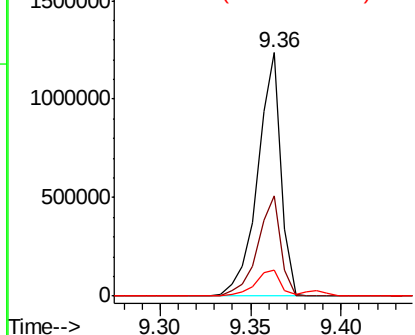
#46
 1,1'-Biphenyl
 Concen: 39.662 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.03 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

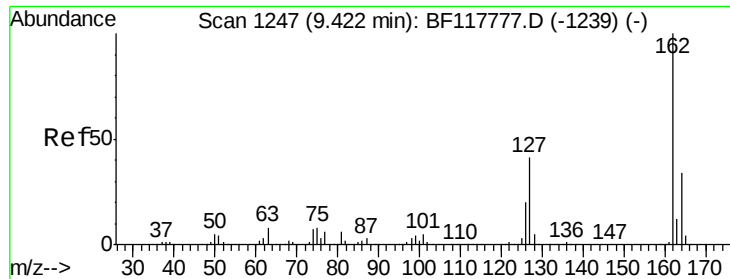
Tgt Ion:154 Resp: 1103264

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.9	61.9
76	10.9	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

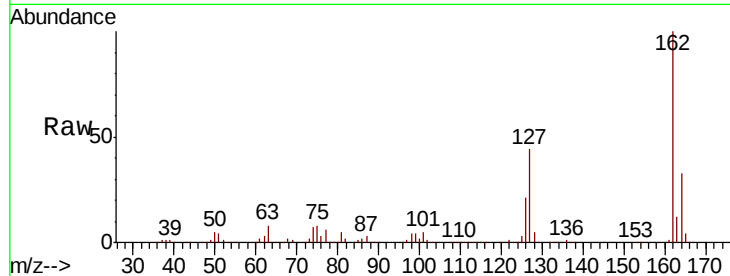




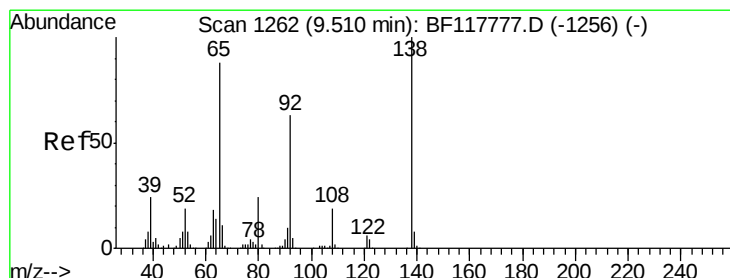
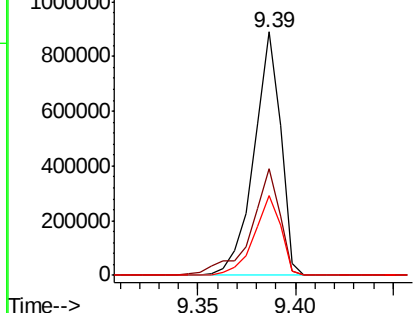
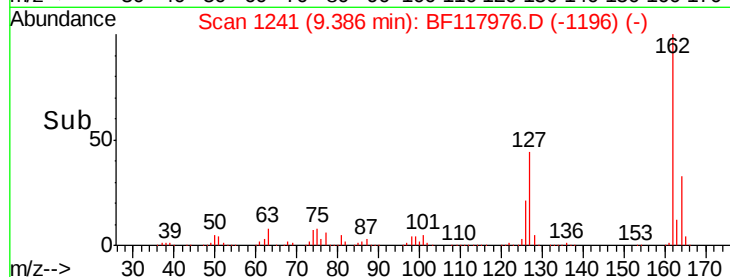
#47
2-Chloronaphthalene
Concen: 36.821 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 842595
Ion Ratio Lower Upper
162 100
127 43.6 33.2 49.8
164 32.7 27.3 40.9

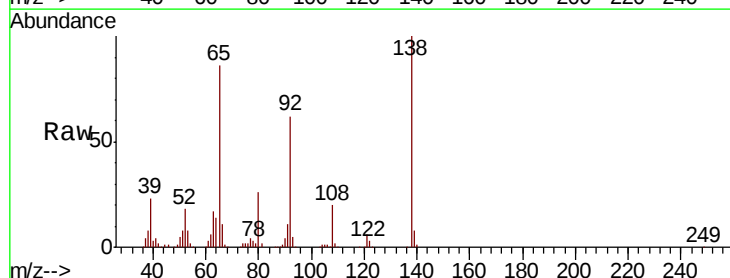


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

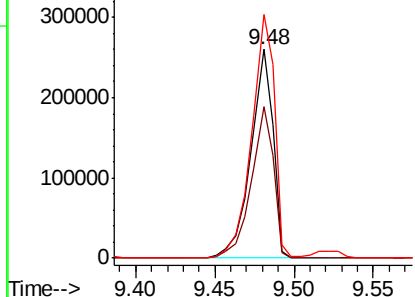
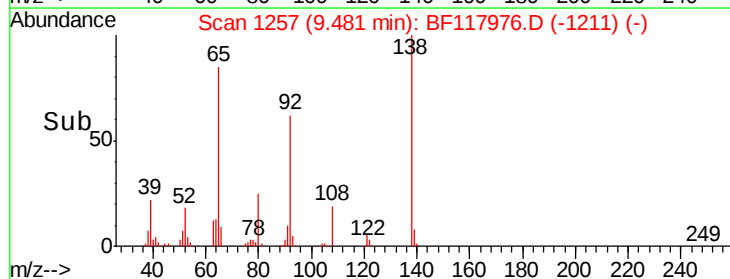


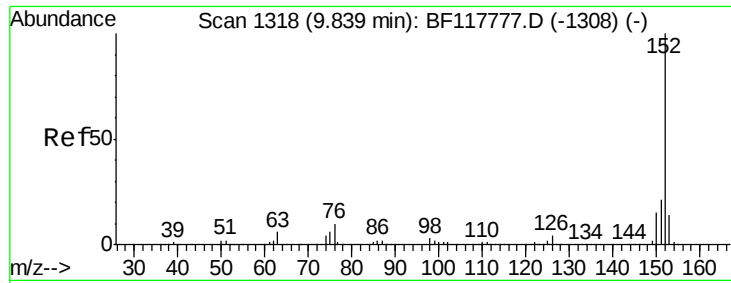
#48
2-Nitroaniline
Concen: 36.449 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion: 65 Resp: 251814
Ion Ratio Lower Upper
65 100
92 72.3 56.6 84.8
138 116.8 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: 40.224 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

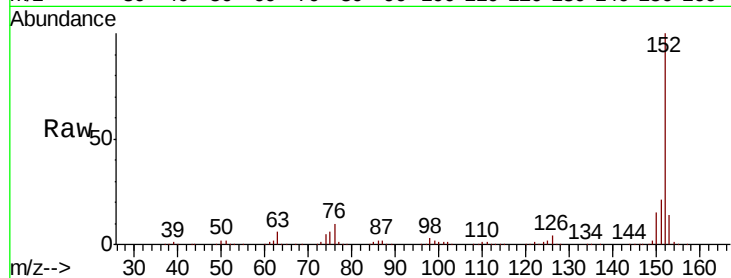
Tot Ion:152 Resp: 1341993

Ion Ratio Lower Upper

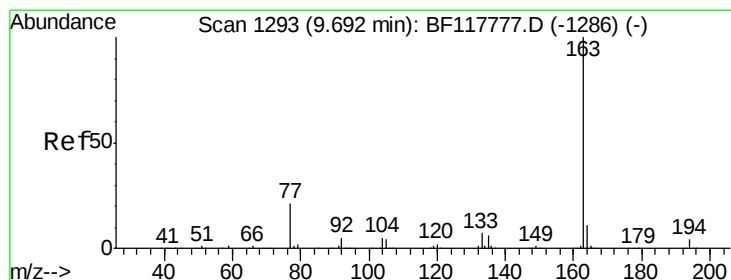
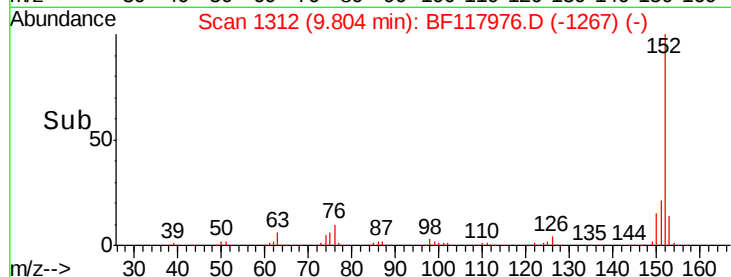
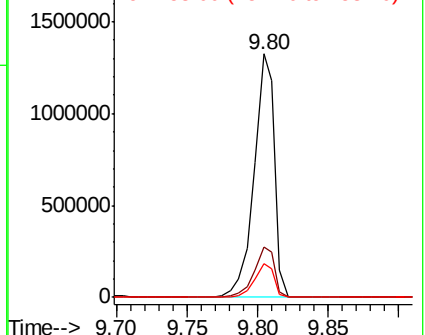
152 100

151 20.8 17.0 25.6

153 13.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.980 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

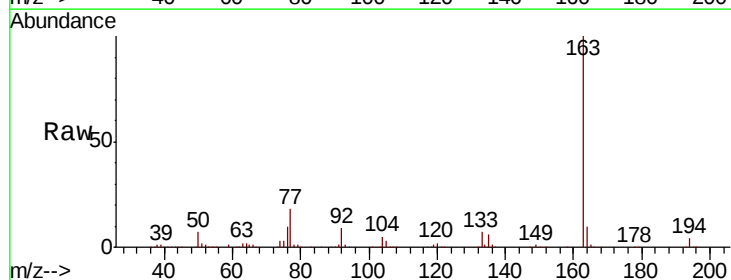
Tgt Ion:163 Resp: 1024877

Ion Ratio Lower Upper

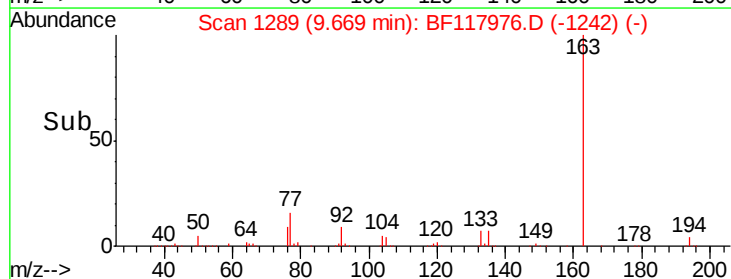
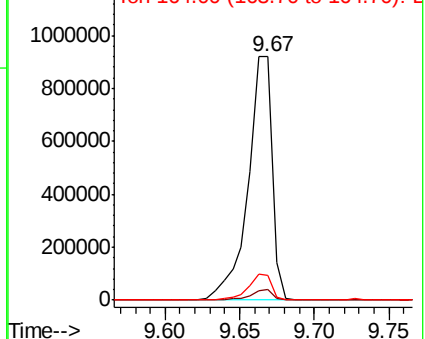
163 100

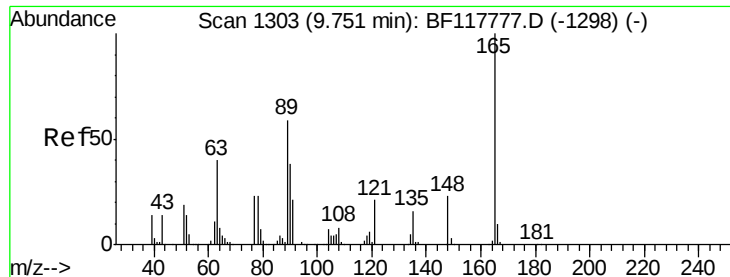
194 4.1 3.3 4.9

164 10.0 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

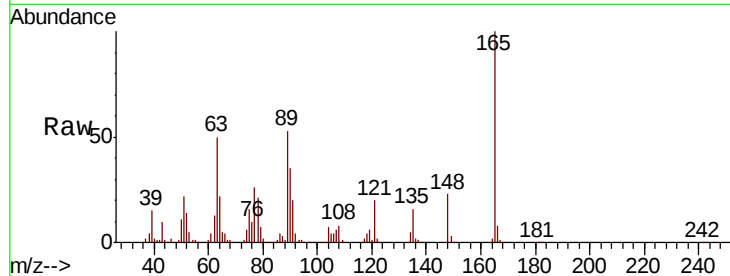




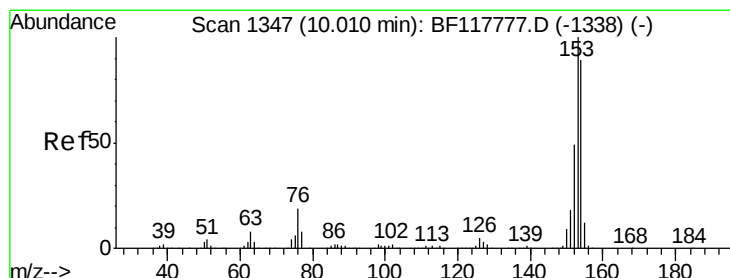
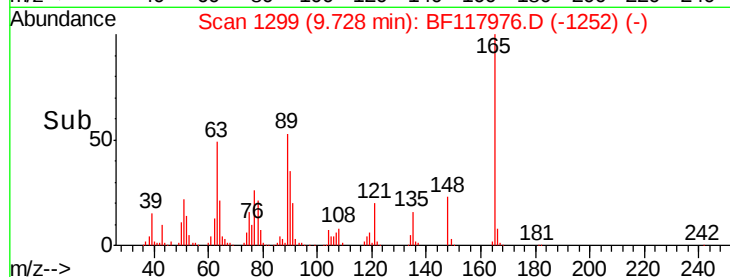
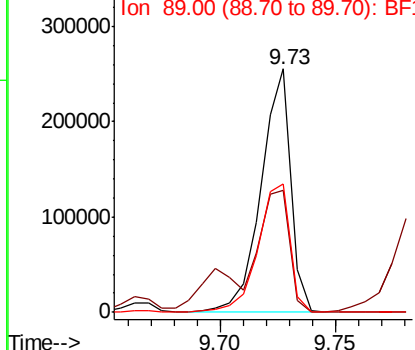
#51
2,6-Dinitrotoluene
Concen: 39.921 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.9	46.0	69.0
89	53.0	47.7	71.5

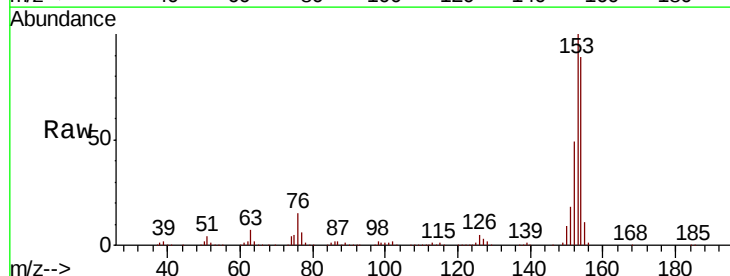


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

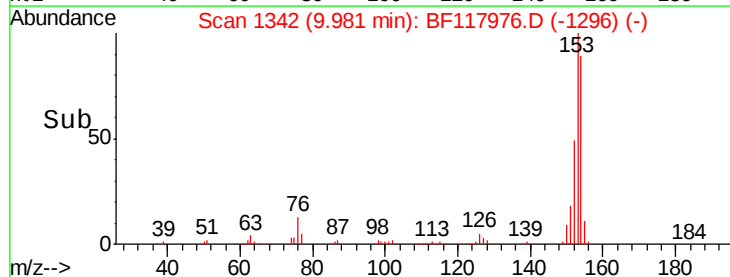
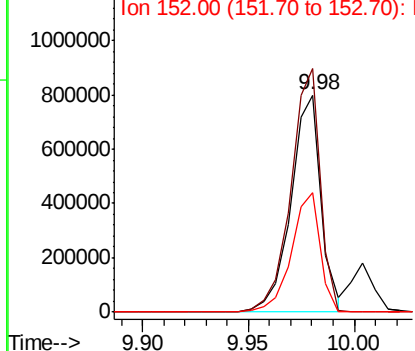


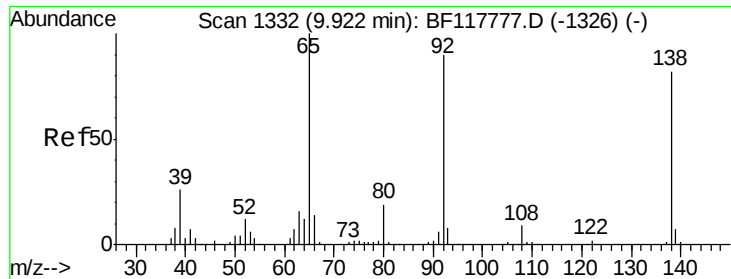
#52
Acenaphthene
Concen: 37.147 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.1	135.1
152	54.9	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

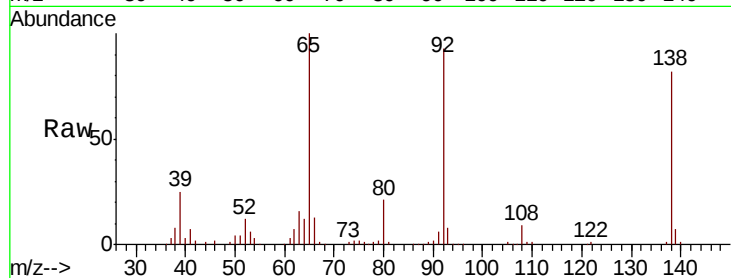




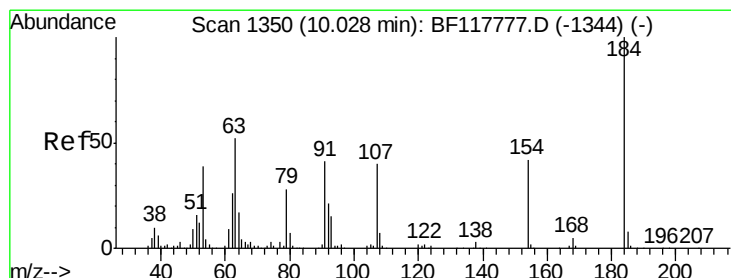
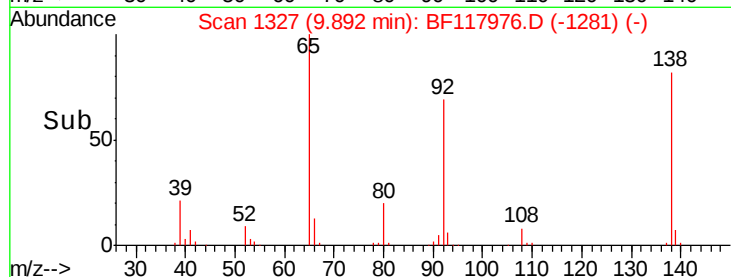
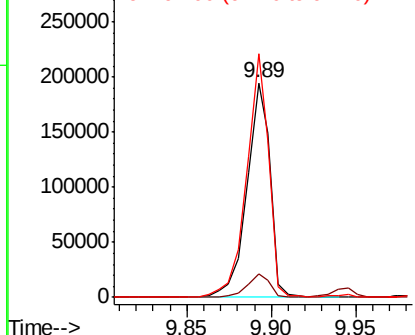
#53
3-Nitroaniline
Concen: 27.003 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 185670
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 113.7 87.9 131.9

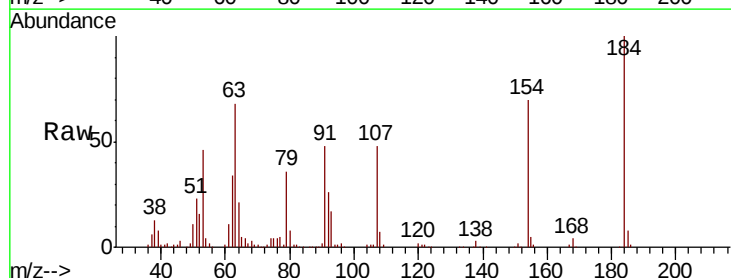


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

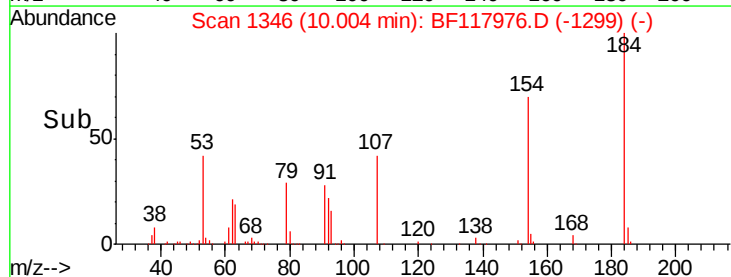
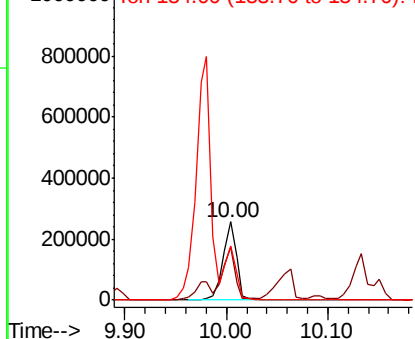


#54
2,4-Dinitrophenol
Concen: 80.896 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:184 Resp: 239109
Ion Ratio Lower Upper
184 100
63 68.1 43.0 64.6#
154 69.5 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

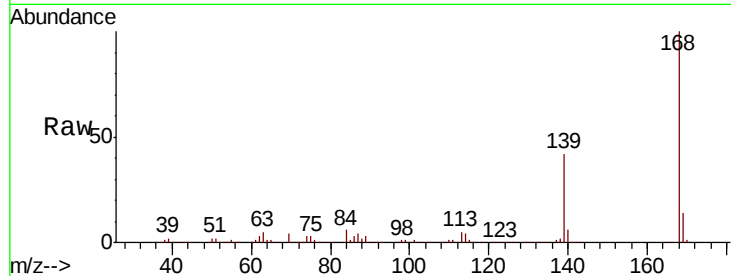




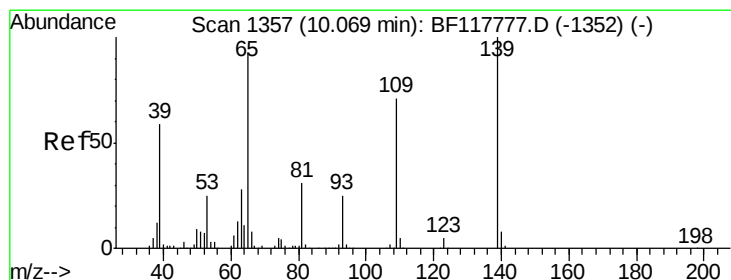
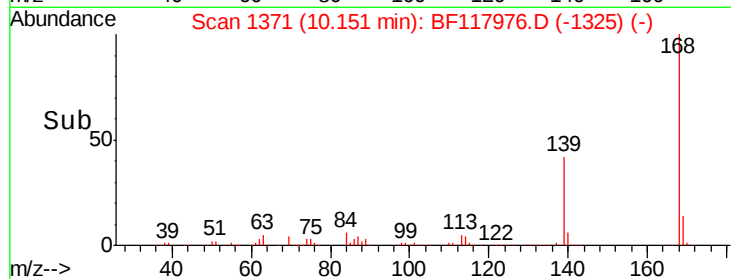
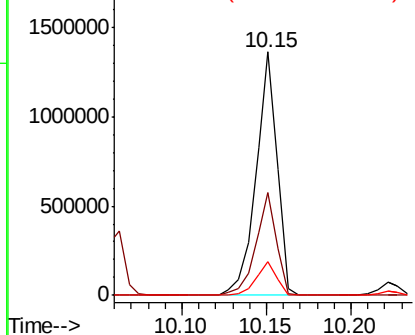
#55
Dibenzenofuran
Concen: 40.122 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1187431
Ion Ratio Lower Upper
168 100
139 42.1 33.0 49.6
169 13.6 11.5 17.3

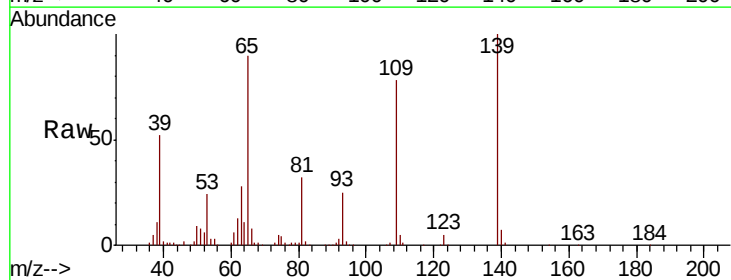


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

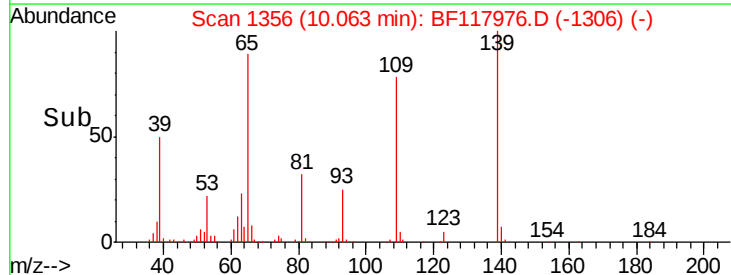
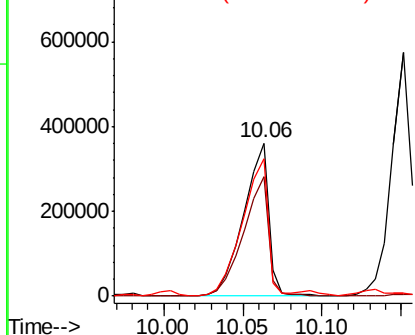


#56
4-Nitrophenol
Concen: 77.693 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:139 Resp: 398748
Ion Ratio Lower Upper
139 100
109 77.9 50.8 90.8
65 89.8 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

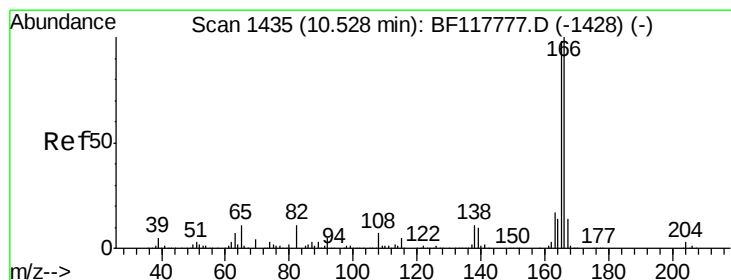
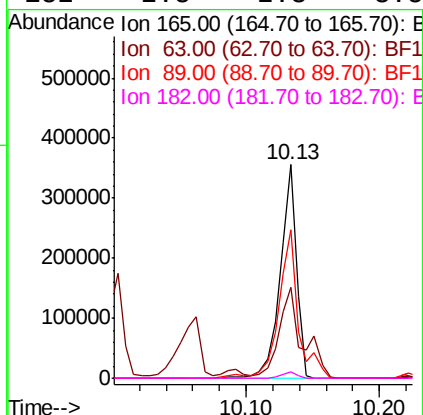
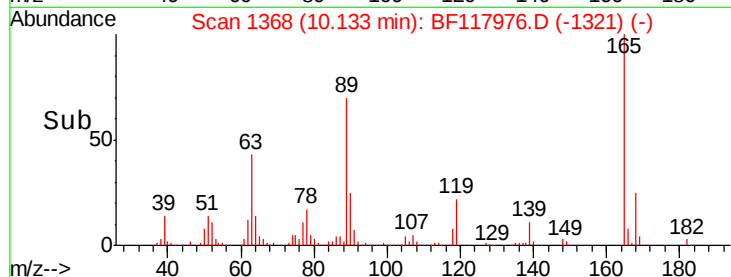
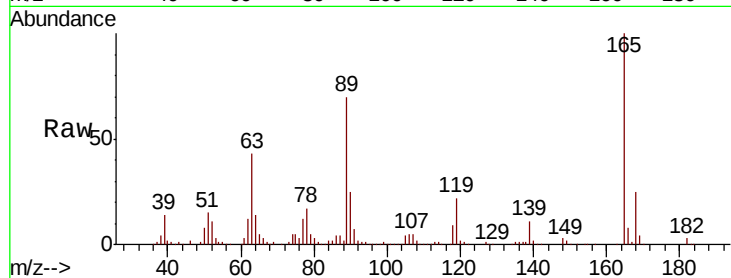




#57
2,4-Dinitrotoluene
Concen: 42.097 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

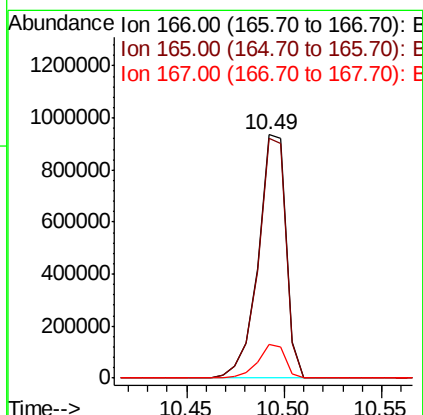
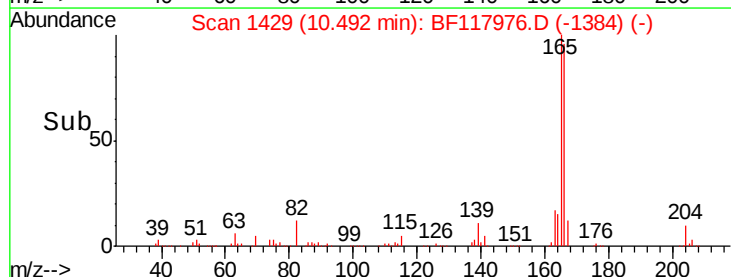
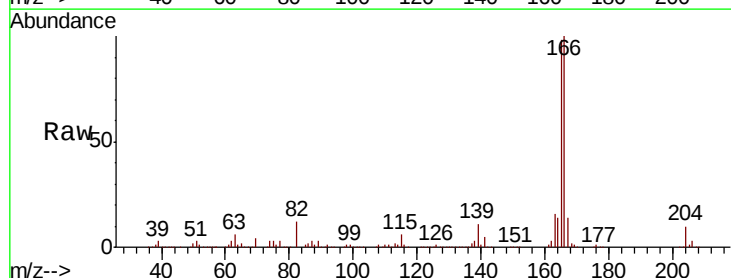
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.7	33.7	50.5
89	69.6	57.3	85.9
182	2.8	2.3	3.5



#58
Fluorene
Concen: 40.333 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.6	11.0	16.4

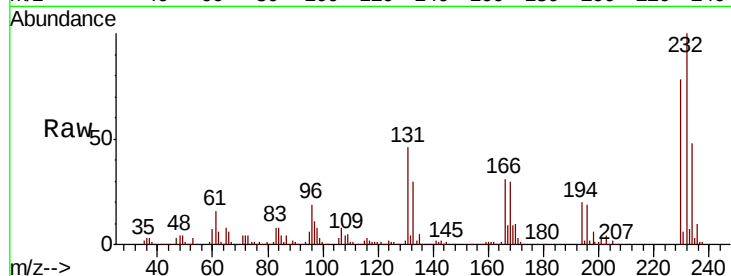




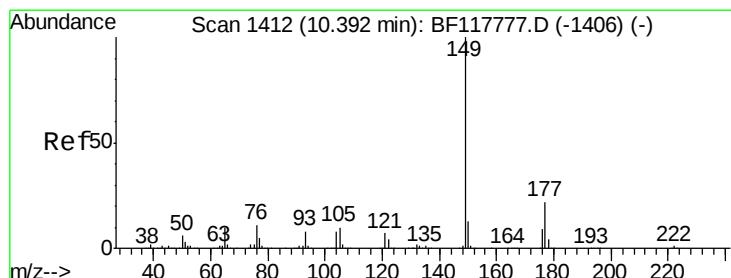
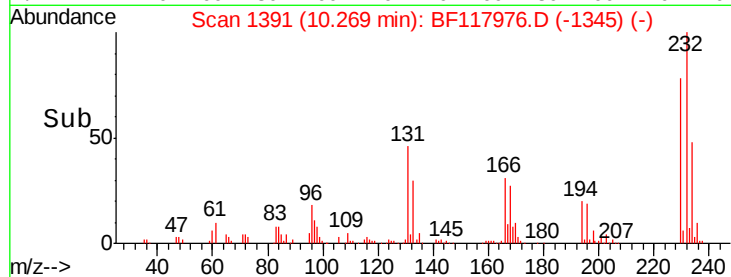
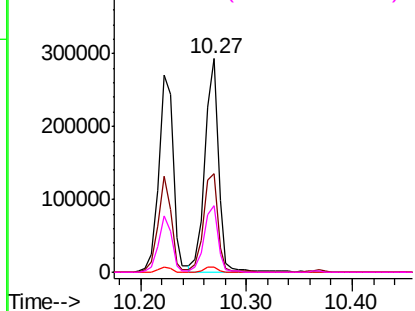
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.317 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.03 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	261589
Ion	Ratio	Lower	Upper
232	100		
131	49.2	37.6	56.4
130	2.5	1.9	2.9
166	31.8	24.2	36.4

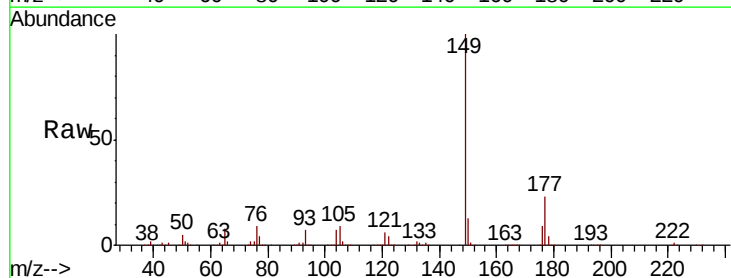


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

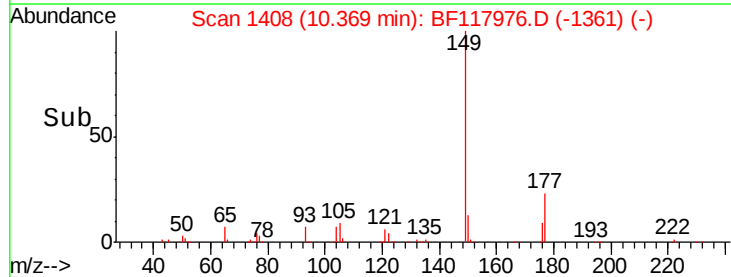
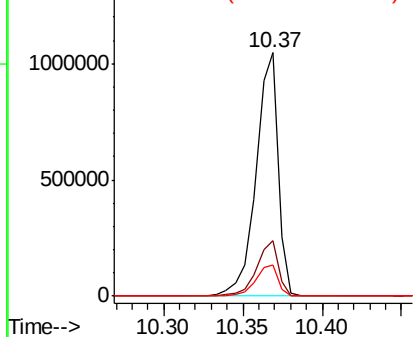


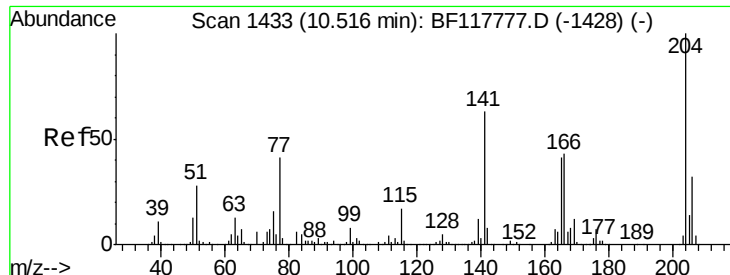
#60
 Diethylphthalate
 Concen: 39.711 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion:	149	Resp:	1017916
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.0	27.0
150	12.8	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

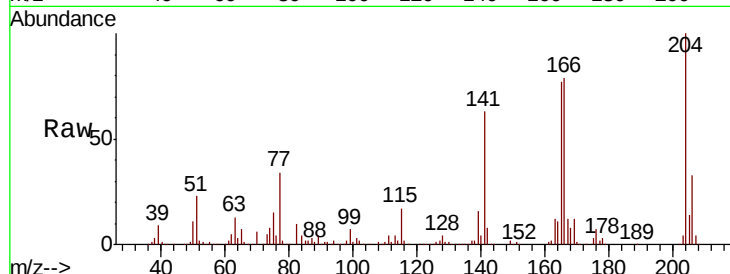




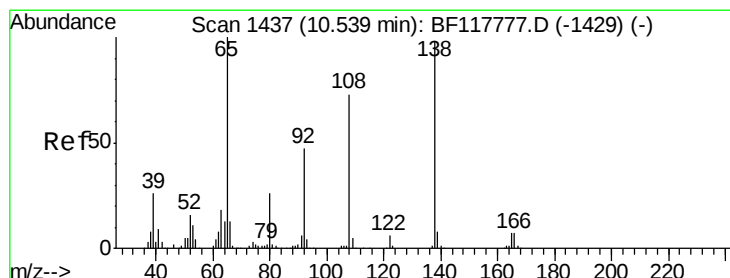
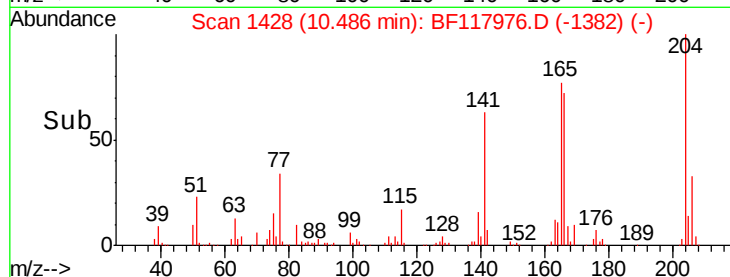
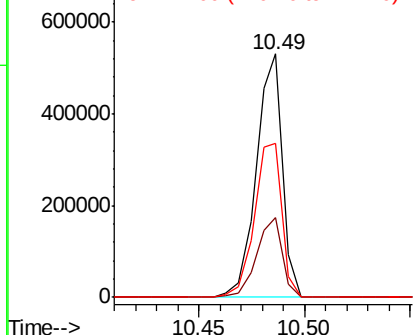
#61
4-Chlorophenyl-phenylether
Concen: 39.147 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 455633
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 63.1 50.7 76.1

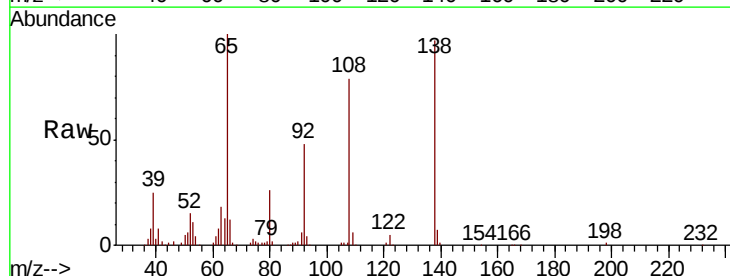


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

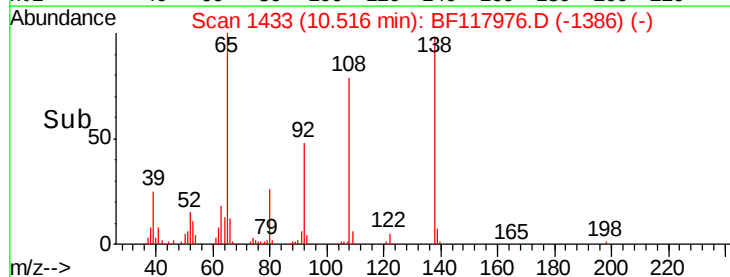
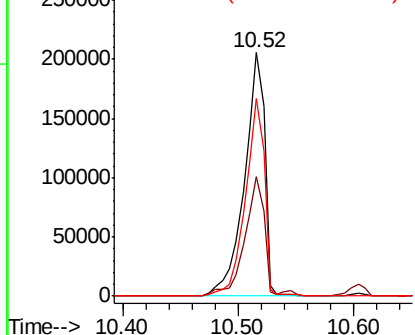


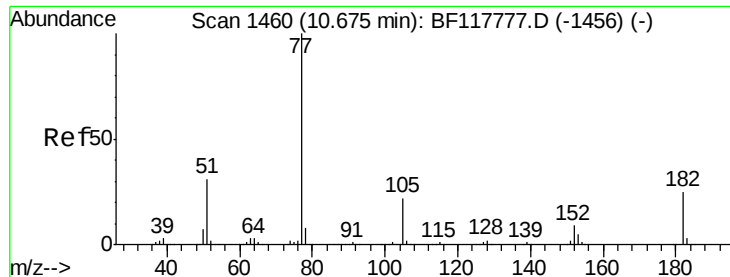
#62
4-Nitroaniline
Concen: 36.157 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:138 Resp: 248919
Ion Ratio Lower Upper
138 100
92 49.1 28.3 68.3
108 81.2 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: 39.500 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 921143

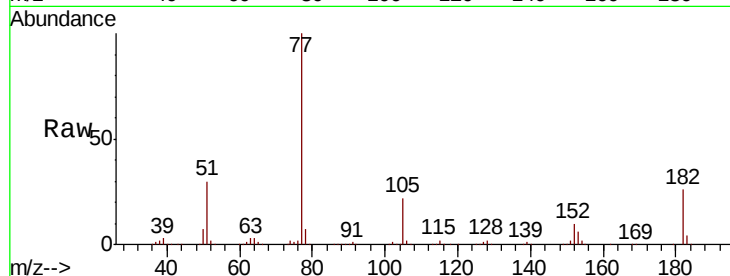
Ion Ratio Lower Upper

77 100

182 26.0 4.8 44.8

105 21.9 2.1 42.1

51 29.9 11.4 51.4

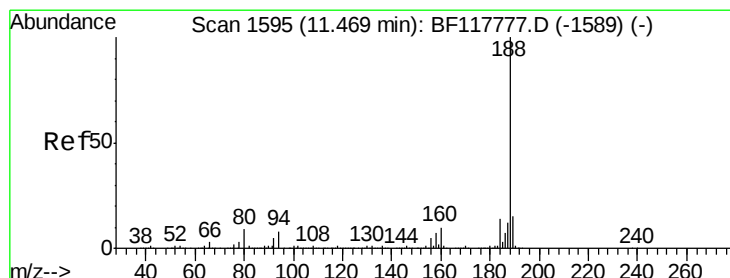
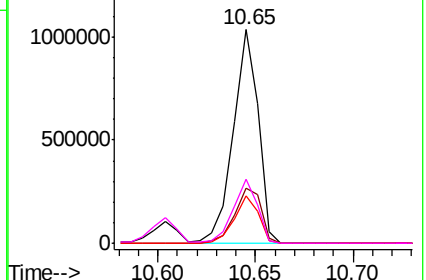
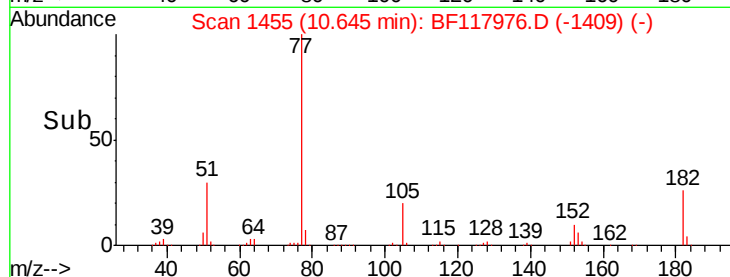


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.43 min Scan# 1589

Delta R.T. -0.04 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

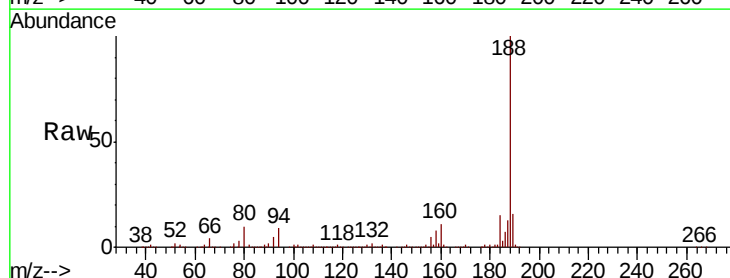
Tgt Ion: 188 Resp: 698568

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

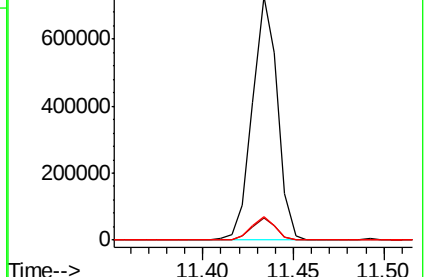
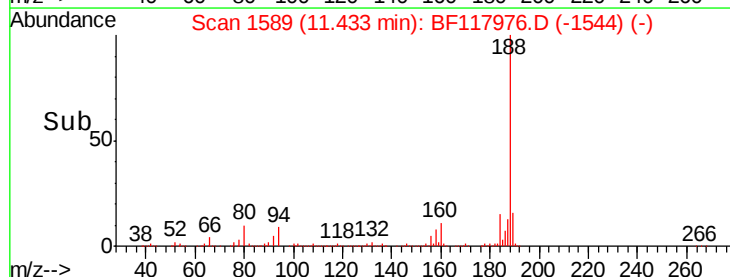
80 9.7 7.2 10.8



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: 50.680 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.02 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

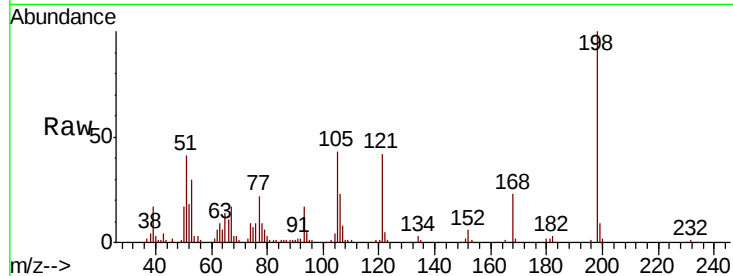
Tot Ion:198 Resp: 165277

Ion Ratio Lower Upper

198 100

51 41.2 16.0 56.0

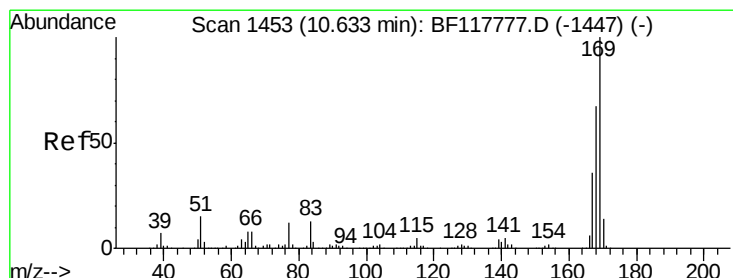
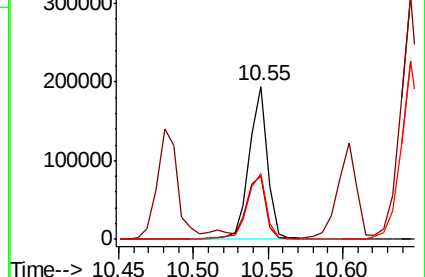
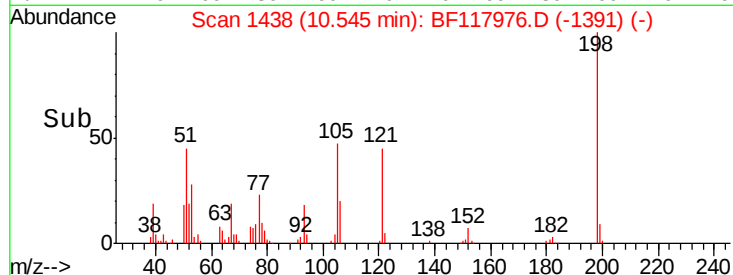
105 43.1 19.1 59.1



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: 41.010 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.03 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

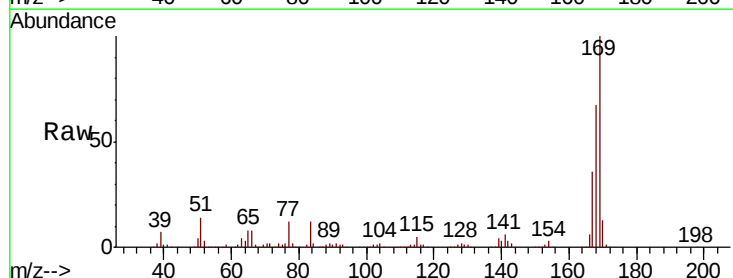
Tgt Ion:169 Resp: 833752

Ion Ratio Lower Upper

169 100

168 67.0 53.5 80.3

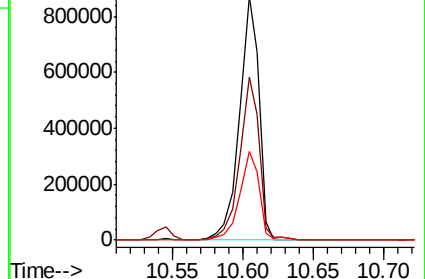
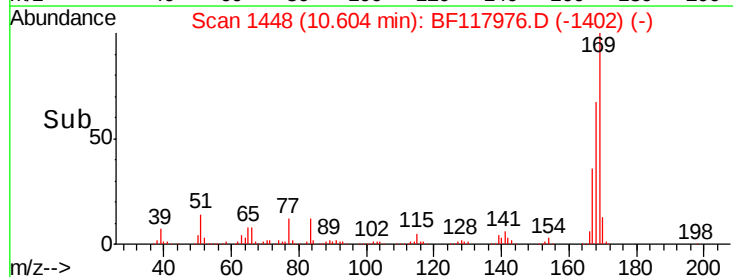
167 36.4 29.0 43.4



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

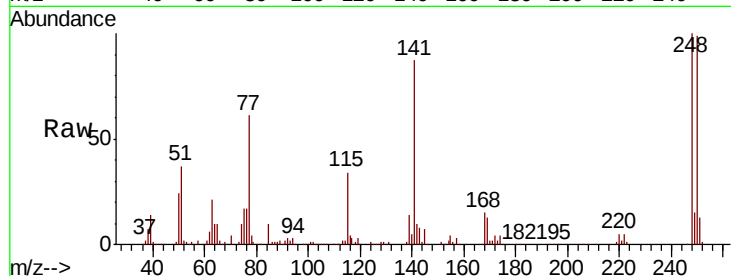




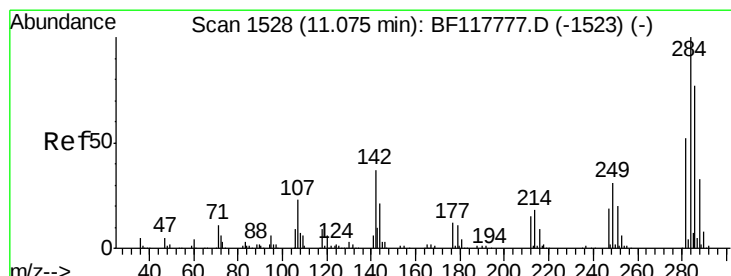
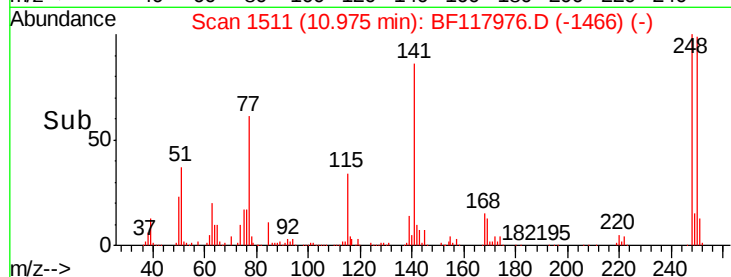
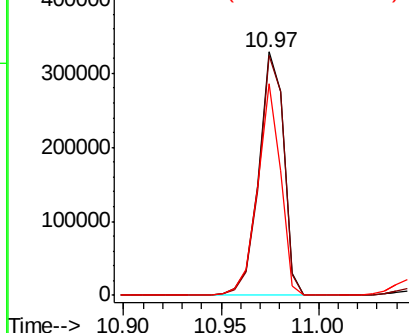
#67
4-Bromophenyl-phenylether
Concen: 38.826 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 292652
Ion Ratio Lower Upper
248 100
250 98.7 76.6 115.0
141 86.9 55.9 83.9#

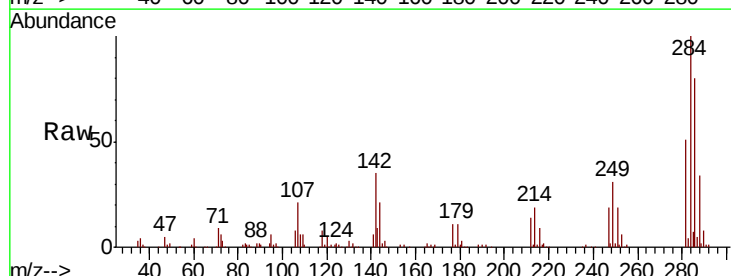


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

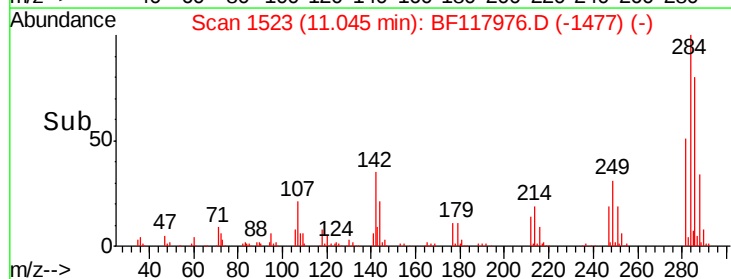
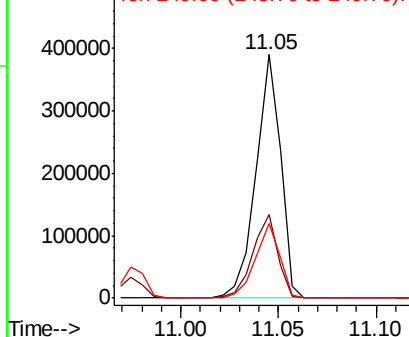


#68
Hexachlorobenzene
Concen: 38.876 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:284 Resp: 341685
Ion Ratio Lower Upper
284 100
142 34.5 29.4 44.2
249 30.8 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

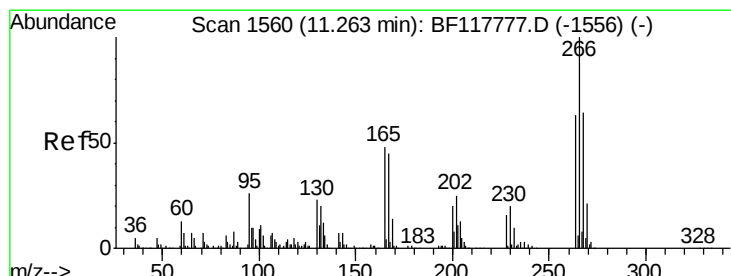
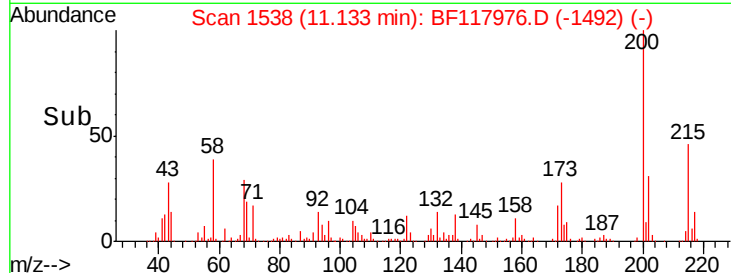
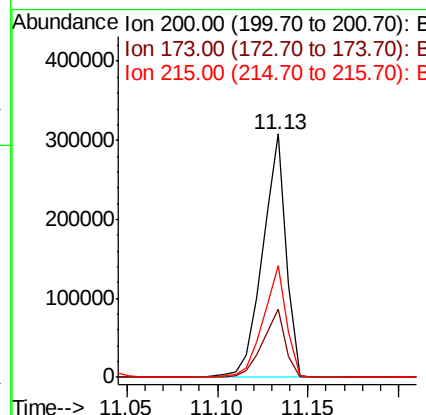
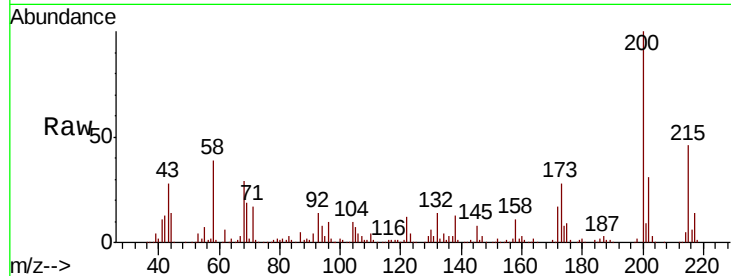




#69
 Atrazine
 Concen: 41.331 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.03 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

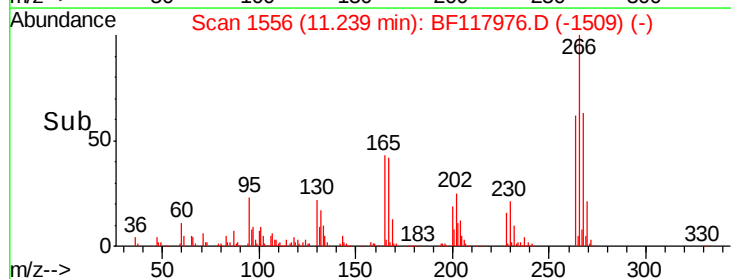
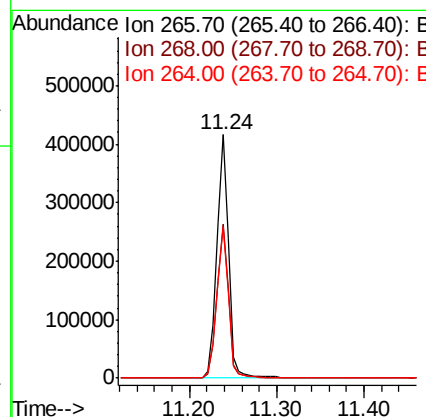
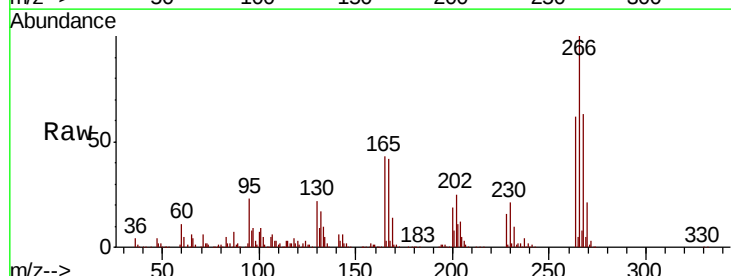
Instrument :
 BNA_F
 ClientSampled :

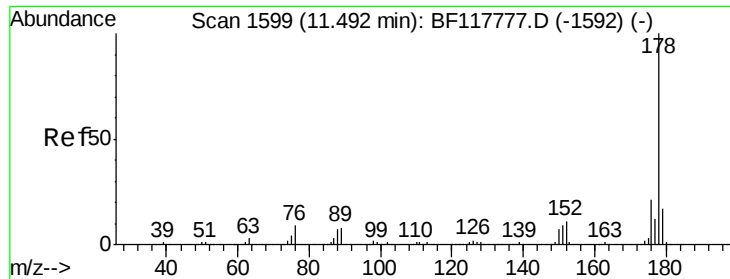
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.7	46.7
215	45.8	27.5	67.5



#70
 Pentachlorophenol
 Concen: 76.588 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.8	76.2
264	62.4	50.7	76.1

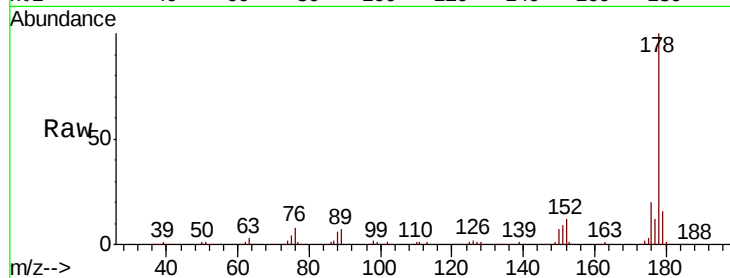




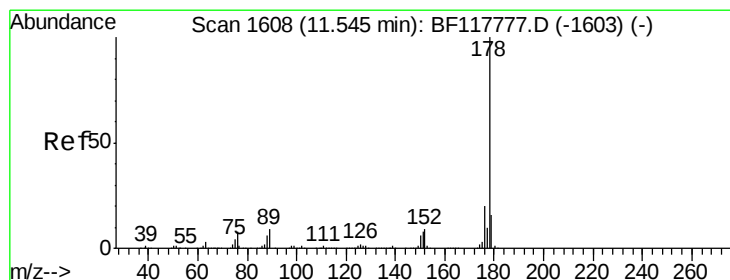
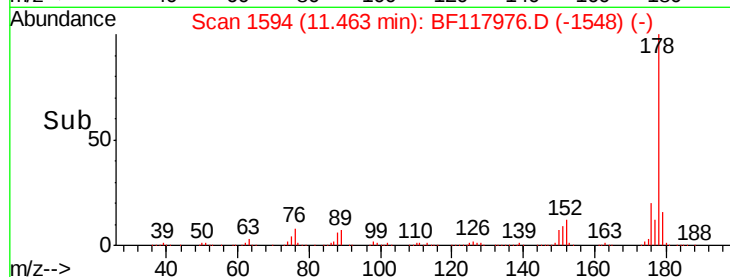
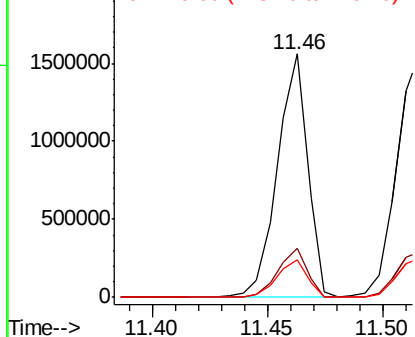
#71
Phenanthrene
Concen: 40.189 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1411523
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 15.6 13.2 19.8

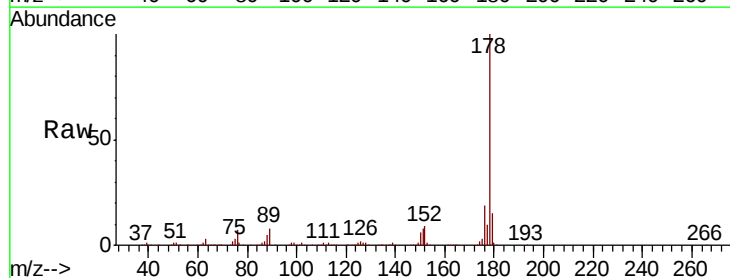


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

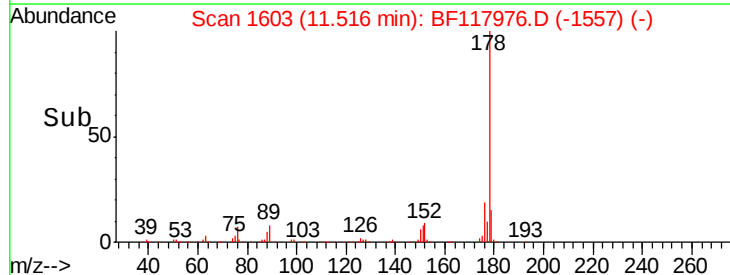
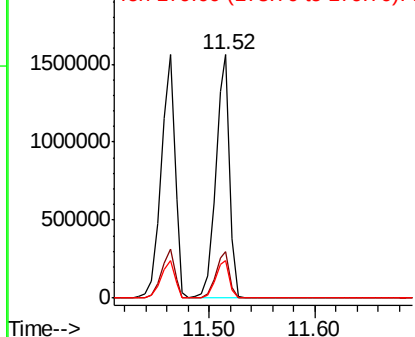


#72
Anthracene
Concen: 41.355 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:178 Resp: 1440067
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 15.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



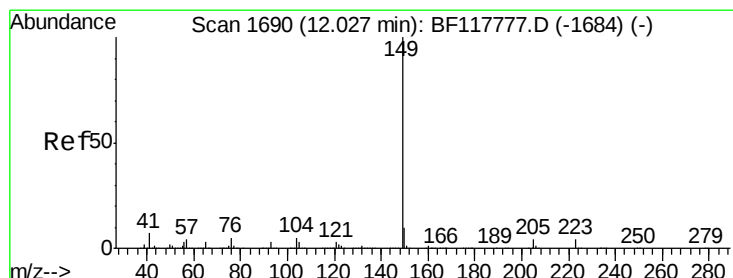
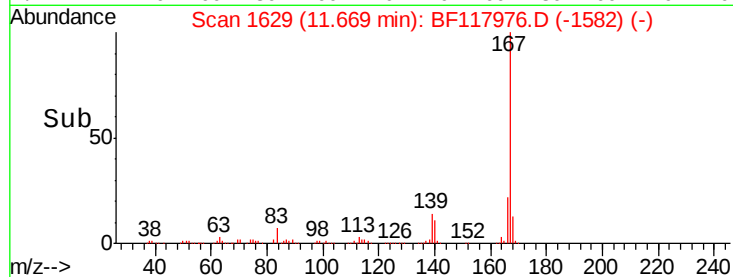
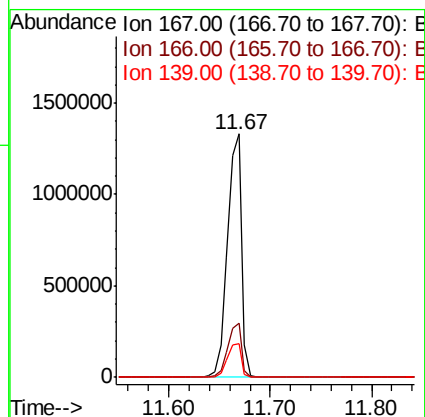
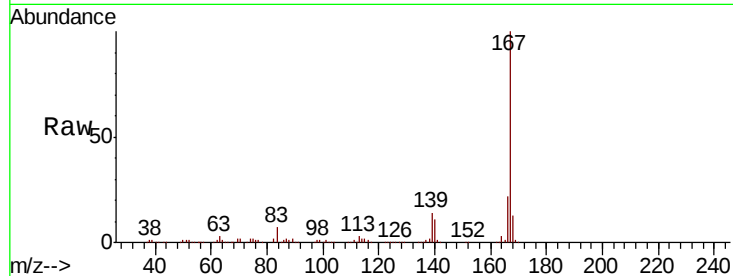


#73
 Carbazole
 Concen: 41.963 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. -0.02 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1276929

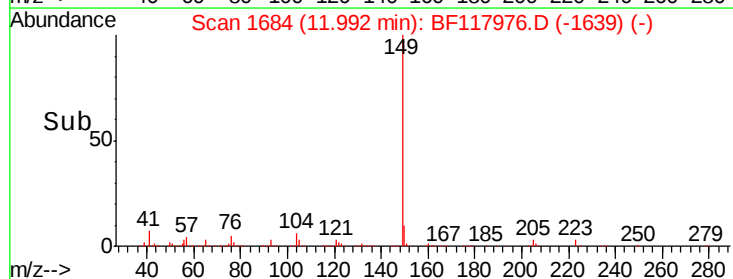
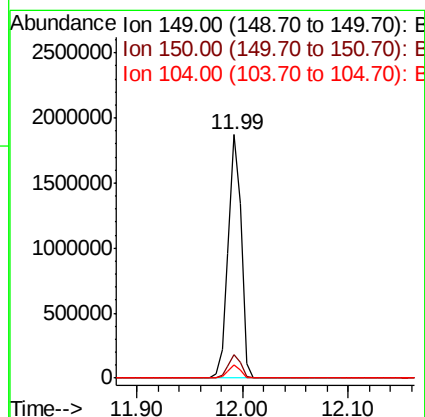
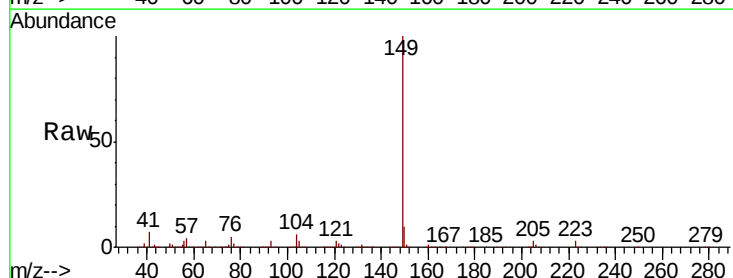
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.0	27.0
139	13.9	11.7	17.5

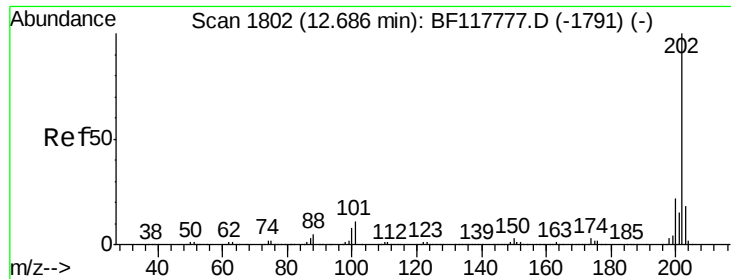


#74
 Di-n-butylphthalate
 Concen: 42.381 ng
 RT: 11.99 min Scan# 1684
 Delta R.T. -0.04 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion:149 Resp: 1605697

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.6	4.2	6.4

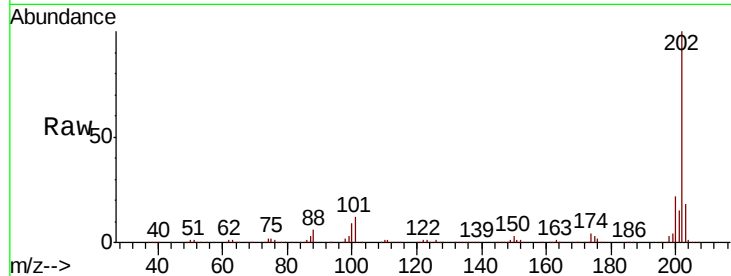




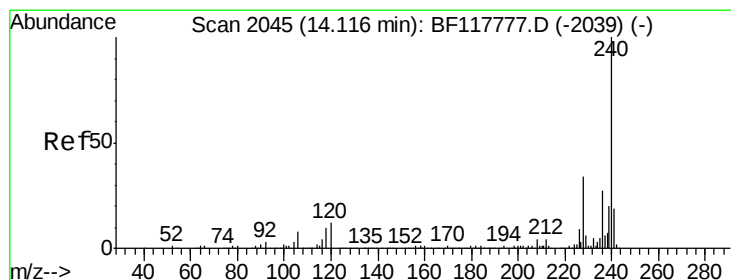
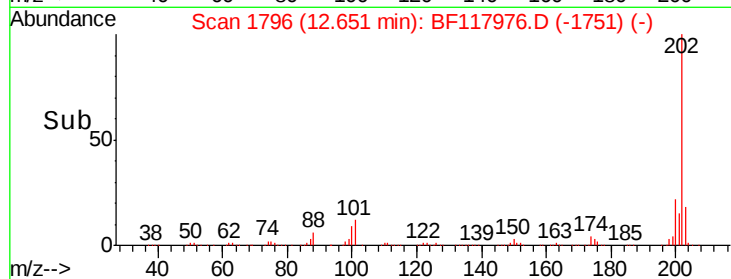
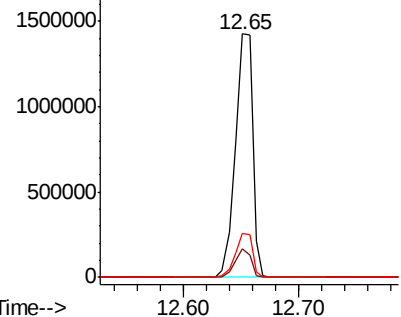
#75
Fluoranthene
Concen: 46.576 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1481195
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.1
203 18.2 0.0 38.2

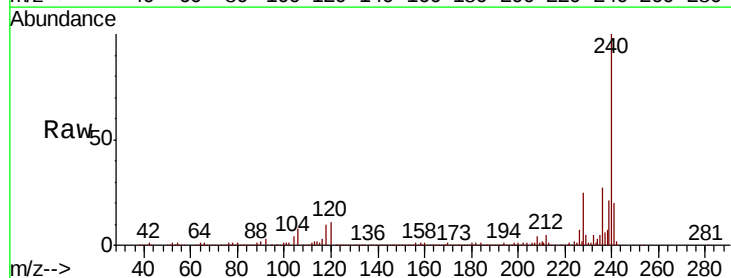


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

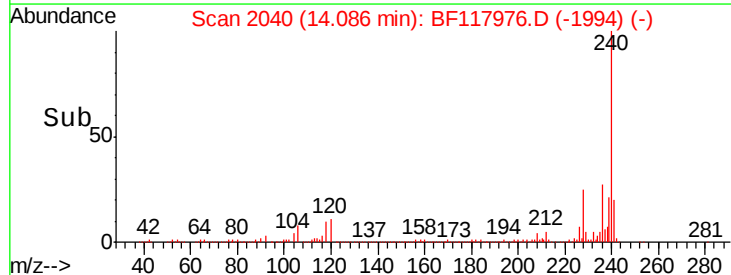
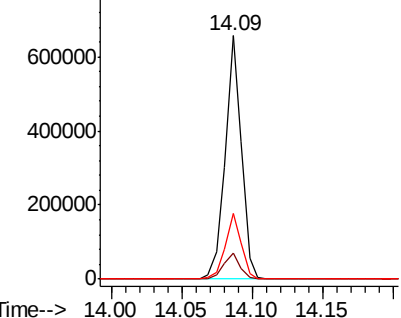


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.03 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:240 Resp: 524786
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 27.2 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: 15.605 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.03 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

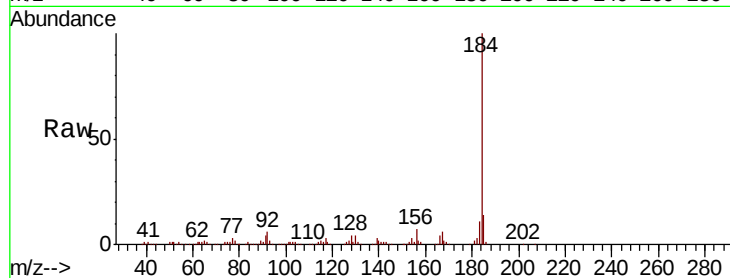
Tot Ion:184 Resp: 268244

Ion Ratio Lower Upper

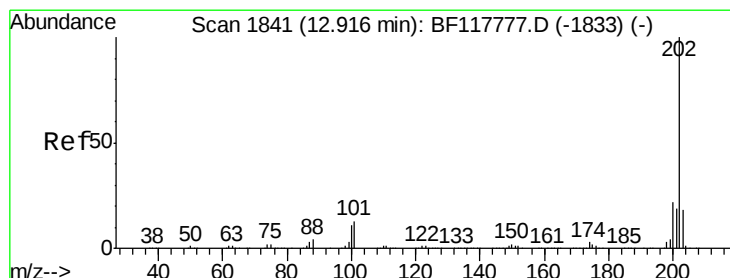
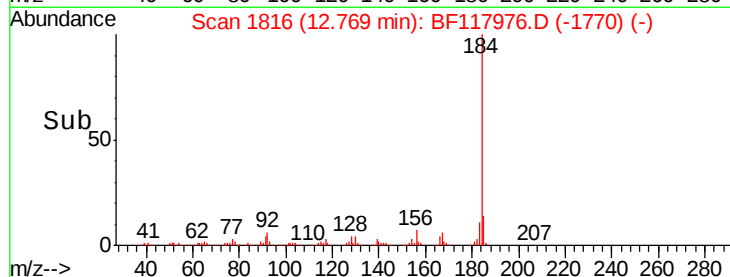
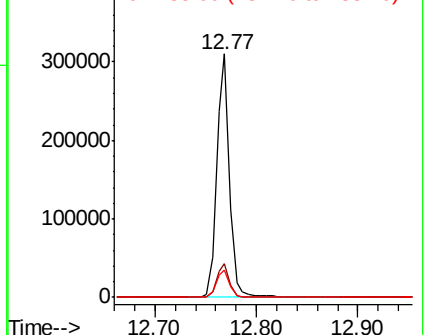
184 100

185 14.0 12.2 18.4

183 11.4 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: 34.787 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.03 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

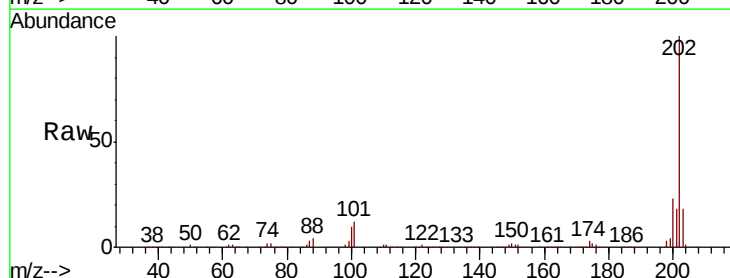
Tgt Ion:202 Resp: 1475340

Ion Ratio Lower Upper

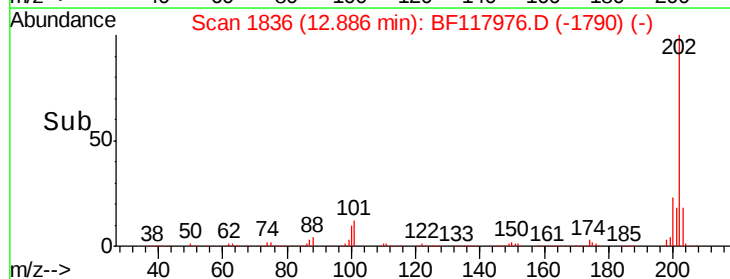
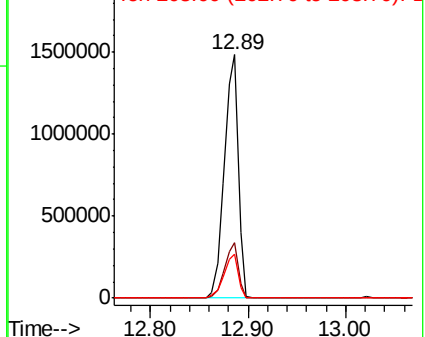
202 100

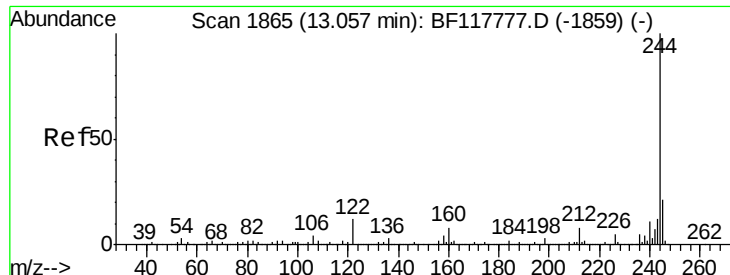
200 22.6 17.8 26.8

203 18.2 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: 59.748 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.04 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

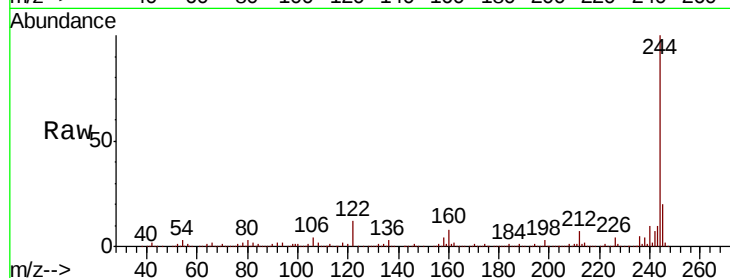
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1715617

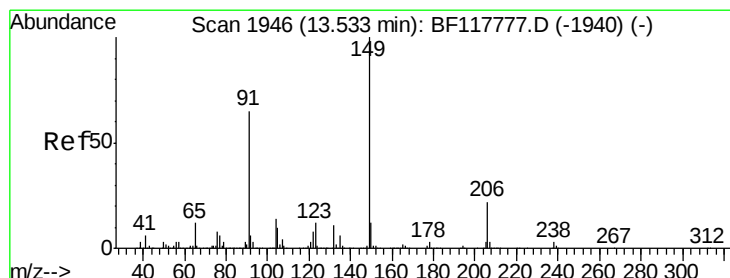
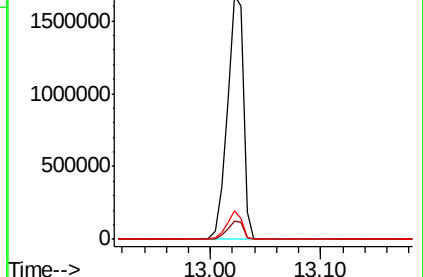
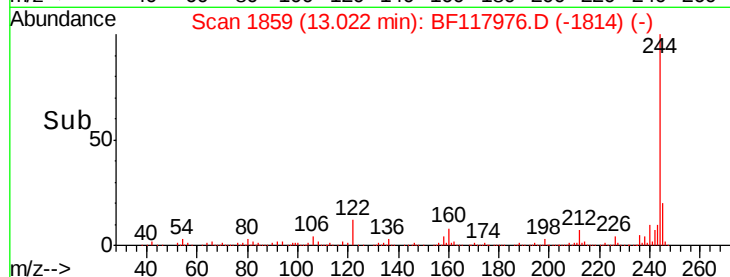
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	11.9	9.4	14.2



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: 37.662 ng

RT: 13.50 min Scan# 1940

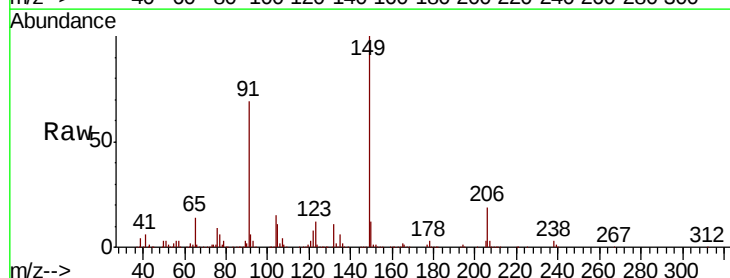
Delta R.T. -0.04 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Tgt Ion:149 Resp: 686032

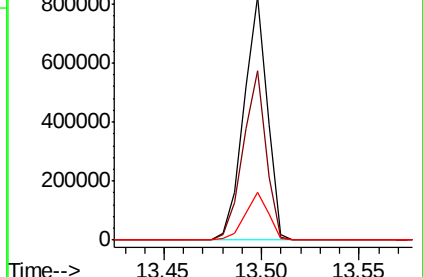
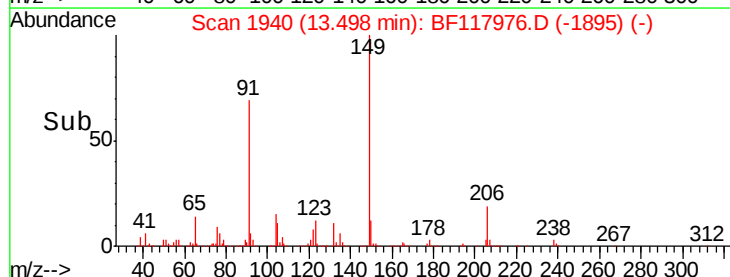
Ion	Ratio	Lower	Upper
149	100		
91	69.4	51.9	77.9
206	19.5	17.2	25.8



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: 37.453 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.03 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

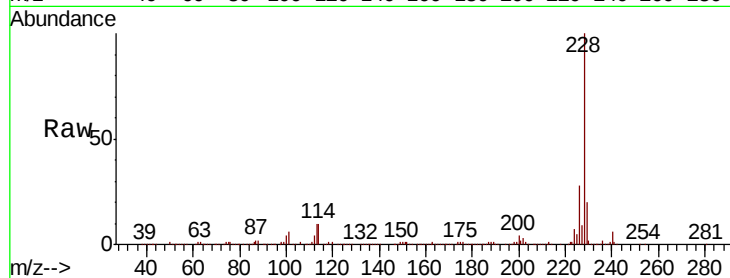
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1298817

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	19.9	15.9	23.9

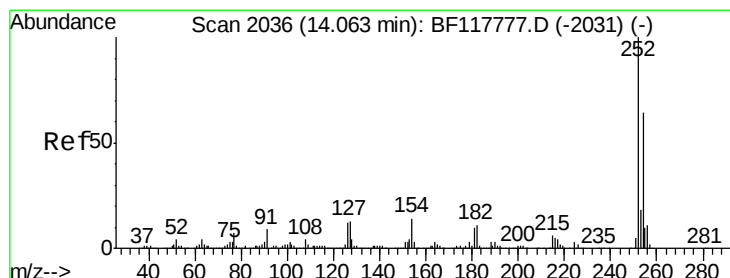
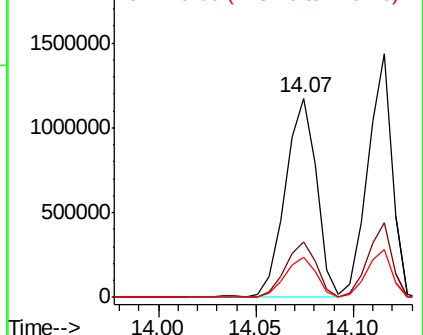
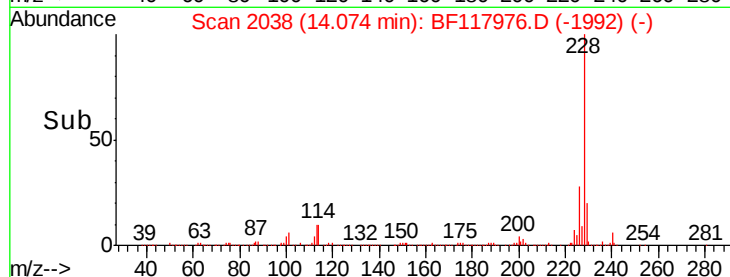


Abundance

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: 34.679 ng

RT: 14.03 min Scan# 2031

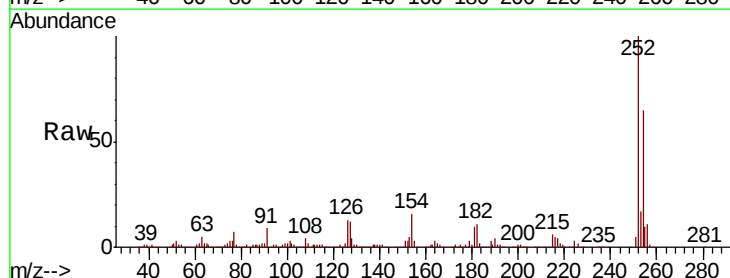
Delta R.T. -0.03 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Tgt Ion:252 Resp: 420664

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.0	76.6
126	12.5	9.7	14.5

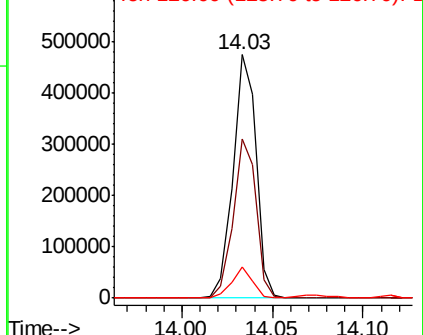
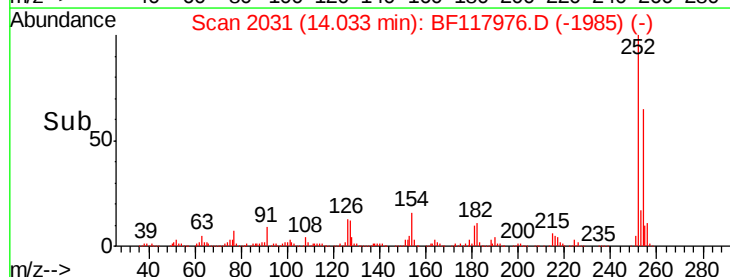


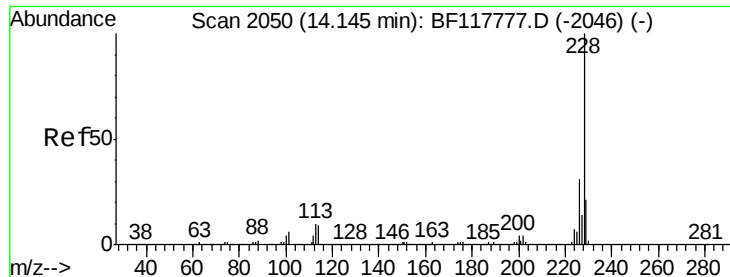
Abundance

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: 36.881 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.03 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

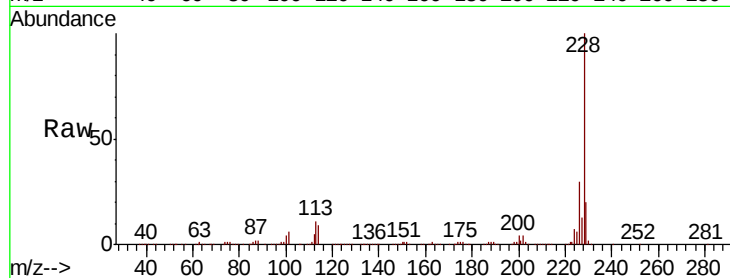
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1239320

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	19.7	16.6	25.0

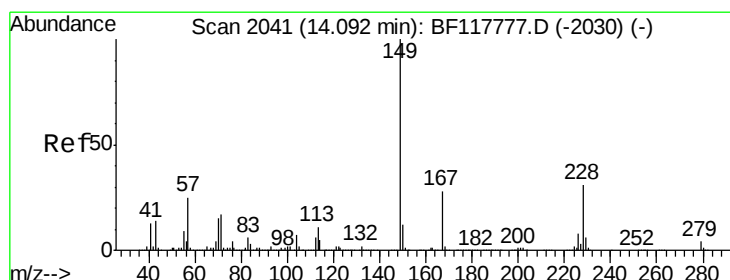
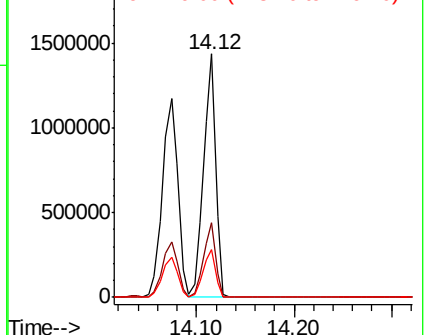
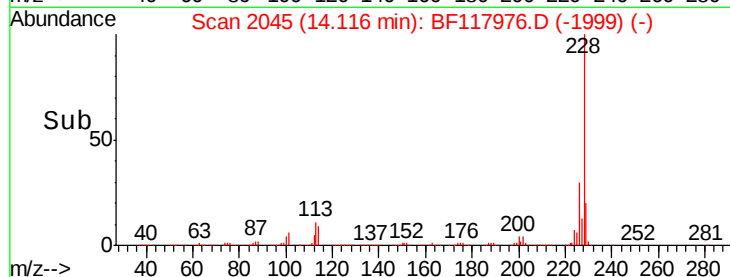


Abundance

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: 43.067 ng

RT: 14.06 min Scan# 2035

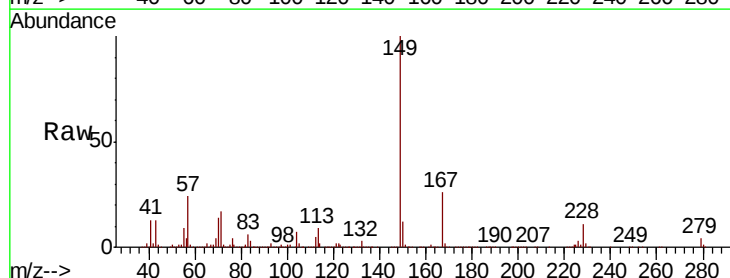
Delta R.T. -0.04 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Tgt Ion:149 Resp: 951073

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.2	33.2
279	4.2	3.4	5.2

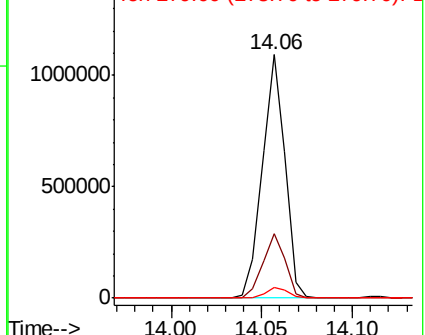
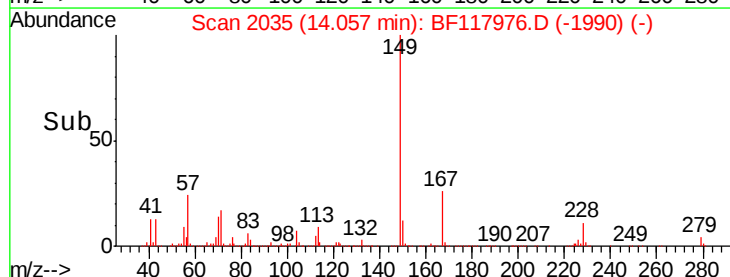


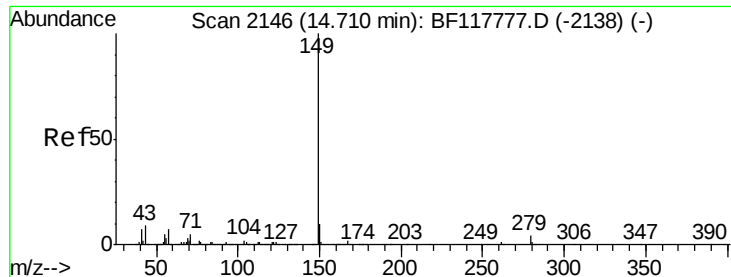
Abundance

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: 47.413 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.04 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

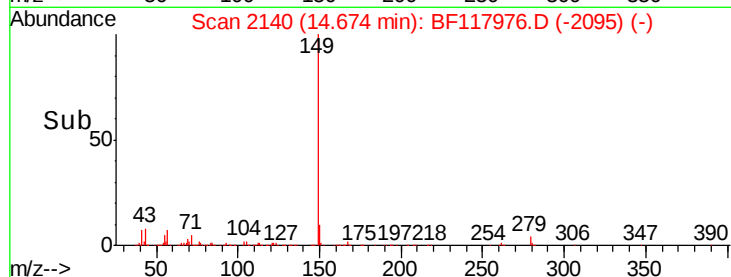
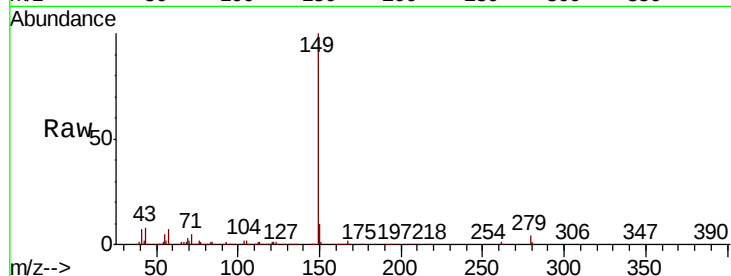
Tot Ion:149 Resp: 1538207

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

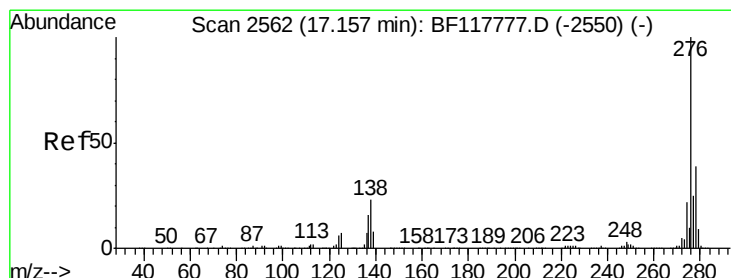
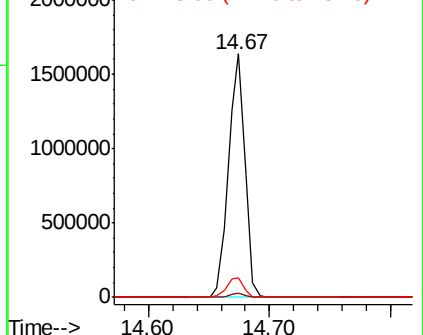
43 8.4 7.4 11.2



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: 33.647 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.05 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

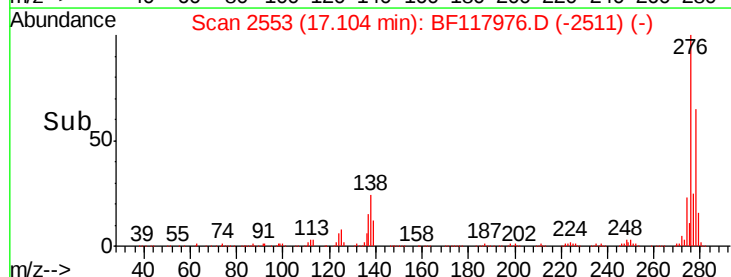
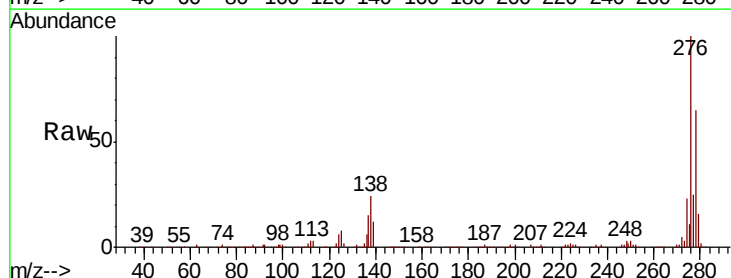
Tgt Ion:276 Resp: 962295

Ion Ratio Lower Upper

276 100

138 24.5 20.9 31.3

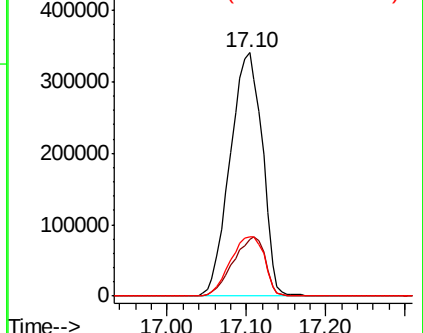
277 25.9 20.3 30.5

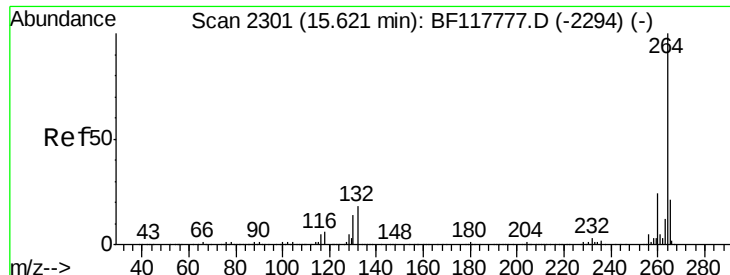


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

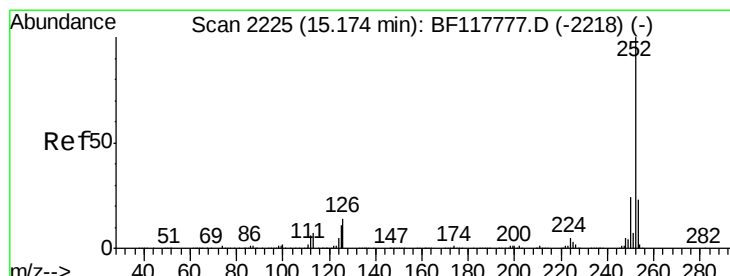
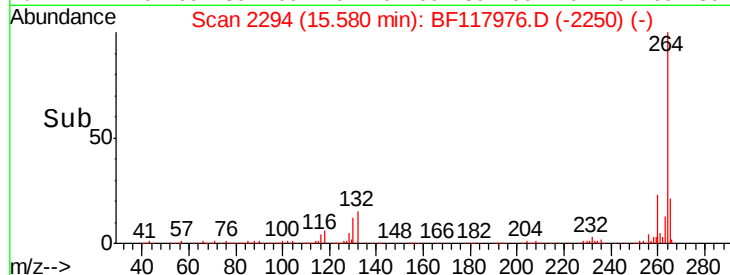
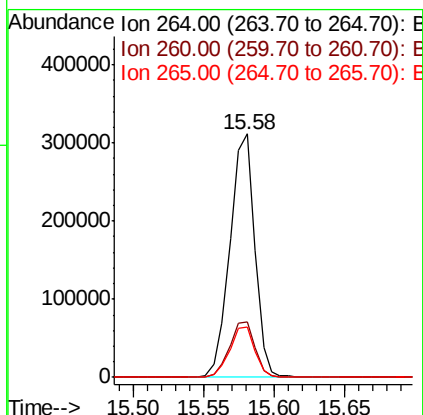
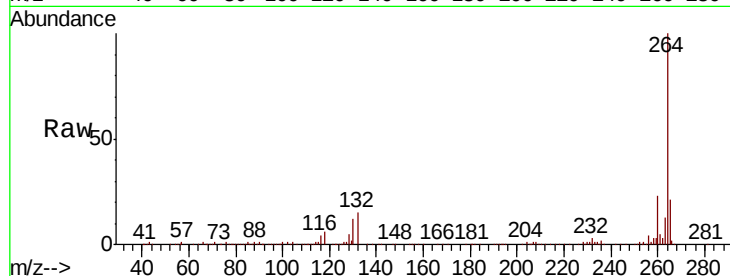




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. -0.04 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

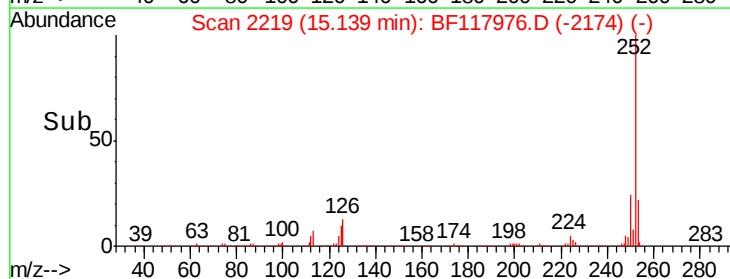
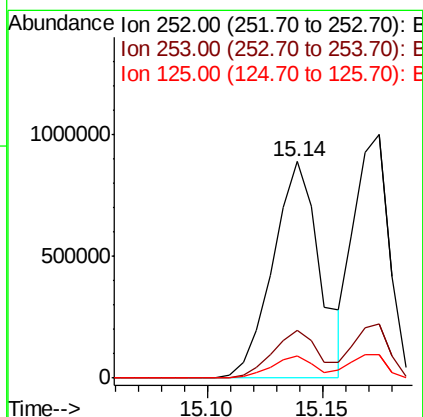
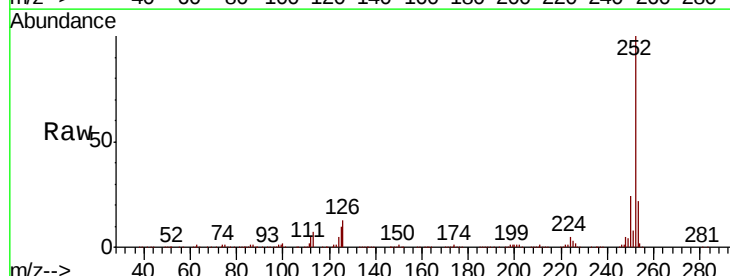
Instrument :
 BNA_F
 ClientSampleId :

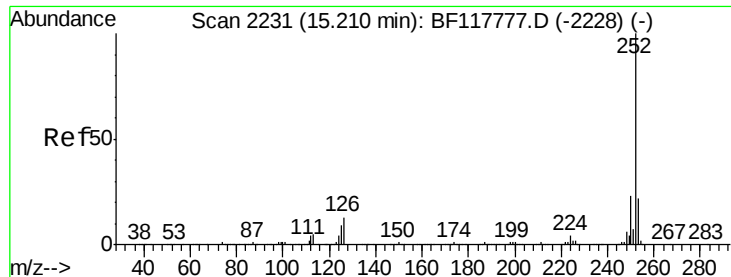
Tot Ion:264 Resp: 382338
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.0
 265 20.5 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 50.557 ng
 RT: 15.14 min Scan# 2219
 Delta R.T. -0.04 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion:252 Resp: 1255873
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.0 27.0
 125 10.0 8.6 13.0

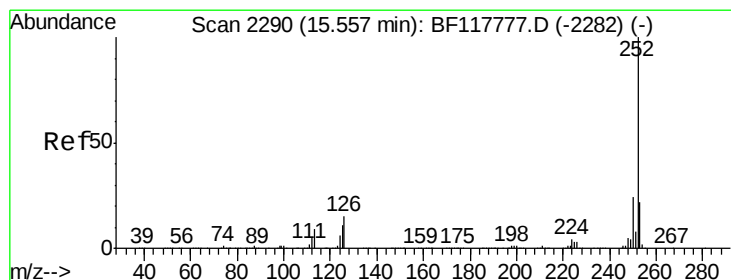
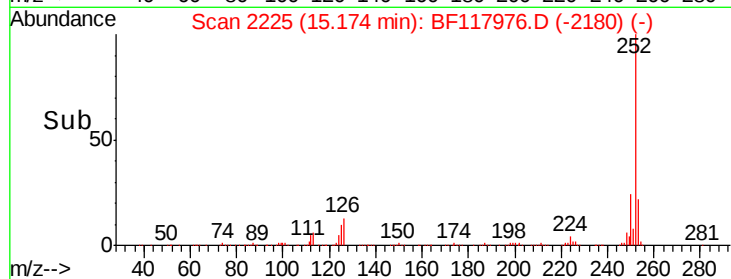
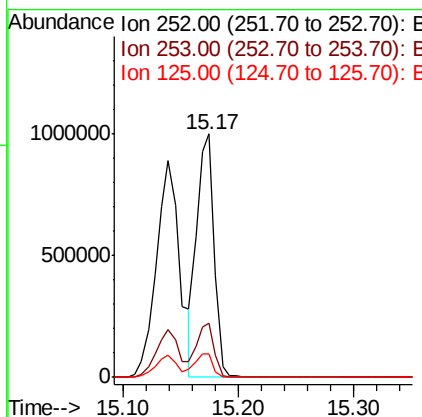
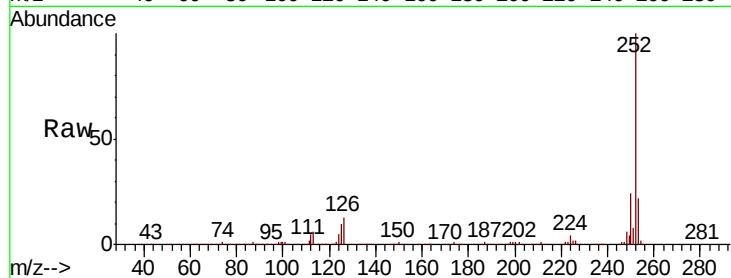




#89
Benzo(k)fluoranthene
Concen: 45.203 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

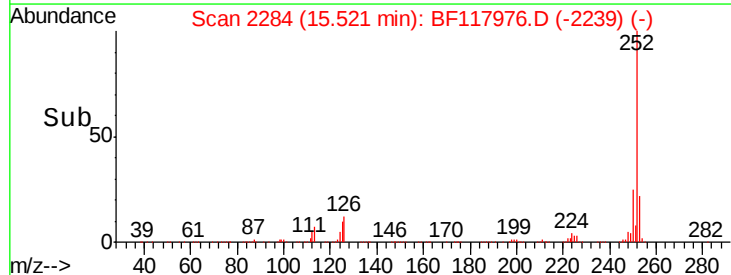
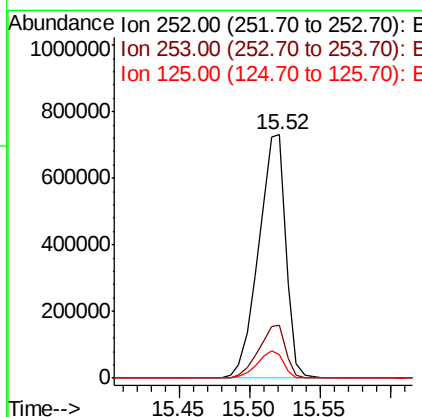
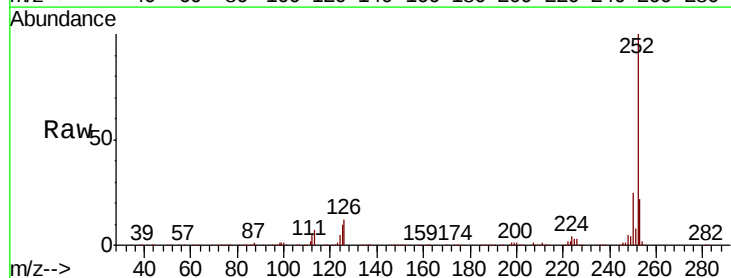
Instrument :
BNA_F
ClientSampleId :

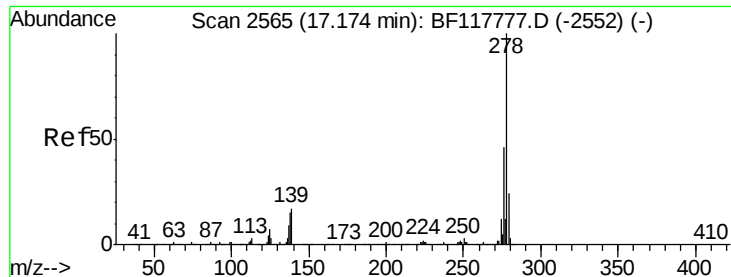
Tot Ion:252 Resp: 1058010
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.6 7.9 11.9



#90
Benzo(a)pyrene
Concen: 45.565 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.04 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:252 Resp: 995305
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 9.8 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 44.357 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.05 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

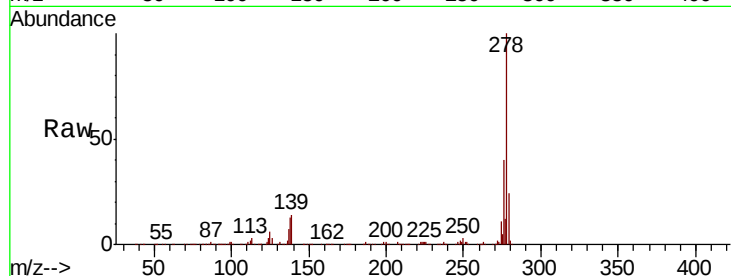
Tot Ion:278 Resp: 833958

Ion Ratio Lower Upper

278 100

139 14.4 13.8 20.8

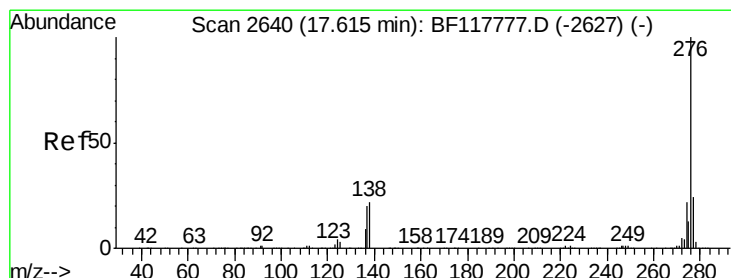
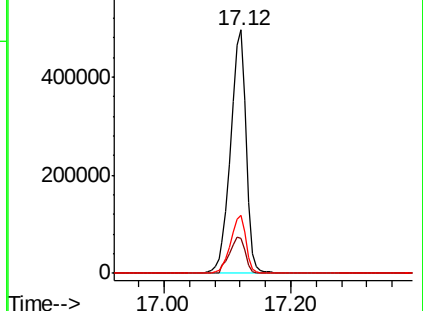
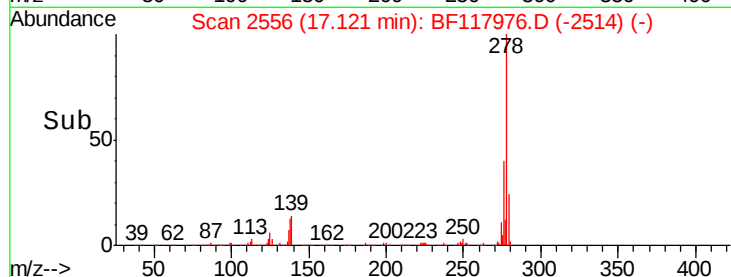
279 24.0 19.6 29.4



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: 41.815 ng

RT: 17.56 min Scan# 2631

Delta R.T. -0.05 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

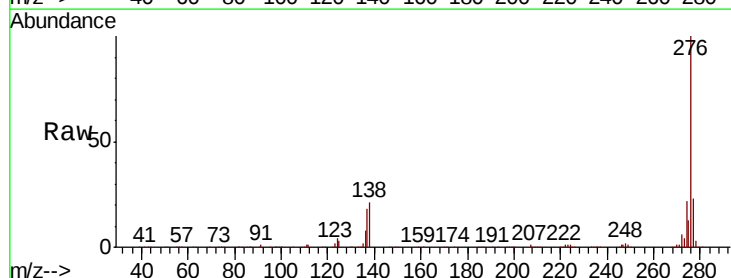
Tgt Ion:276 Resp: 783048

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 20.6 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

