

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117569.D
 Acq On : 28 Oct 2019 18:45
 Operator : JU
 Sample : K5501-13MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 14:06:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	40711	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	160403	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	80151	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	123714	20.00	ng	0.00
76) Chrysene-d12	13.89	240	66961	20.00	ng	0.00
87) Perylene-d12	15.32	264	77152	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	234881	85.83	ng	0.00
7) Phenol-d6	6.38	99	323225	87.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	198414	61.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	54846	79.08	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	332050	58.37	ng	-0.01
79) Terphenyl-d14	12.83	244	245083	59.70	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	39653	34.465	ng	# 95
3) Pyridine	3.18	79	94657	33.608	ng	97
4) n-Nitrosodimethylamine	3.11	42	38705	37.880	ng	98
6) Aniline	6.39	93	83916	19.448	ng	# 8
8) 2-Chlorophenol	6.52	128	111655	38.667	ng	95
9) Benzaldehyde	6.28	77	64537	34.982	ng	93
10) Phenol	6.39	94	150273	40.059	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	101806	36.691	ng	99
12) 1,3-Dichlorobenzene	6.66	146	114979	35.682	ng	98
13) 1,4-Dichlorobenzene	6.74	146	120125	36.748	ng	98
14) 1,2-Dichlorobenzene	6.90	146	110097	35.730	ng	97
15) Benzyl Alcohol	6.88	79	98833	37.638	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	105975	35.405	ng	# 44
17) 2-Methylphenol	7.00	107	91063	38.335	ng	# 89
18) Hexachloroethane	7.23	117	43761	34.298	ng	90
19) n-Nitroso-di-n-propylamine	7.15	70	82323	36.675	ng	98
20) 3+4-Methylphenols	7.16	107	121161	38.903	ng	# 61
22) Acetophenone	7.14	105	164793	38.690	ng	94
24) Nitrobenzene	7.31	77	123976	39.838	ng	98
25) Isophorone	7.55	82	216542	38.525	ng	97
26) 2-Nitrophenol	7.63	139	55803	40.205	ng	96
27) 2,4-Dimethylphenol	7.67	122	92708	44.694	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	129887	37.450	ng	99
29) 2,4-Dichlorophenol	7.89	162	86716	39.857	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	87503	37.478	ng	99
31) Naphthalene	8.03	128	319064	40.131	ng	99
32) Benzoic acid	7.83	122	47052	33.118	ng	93
33) 4-Chloroaniline	8.09	127	38343	11.427	ng	99
34) Hexachlorobutadiene	8.15	225	46414	34.346	ng	98
35) Caprolactam	8.46	113	18573	26.574	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	100214	40.388	ng	97
37) 2-Methylnaphthalene	8.72	142	213485	39.849	ng	99
38) 1-Methylnaphthalene	8.82	142	201968	40.119	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	78864	36.532	ng	98

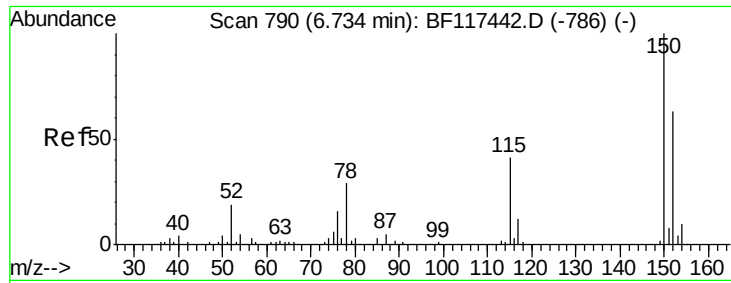
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117569.D
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 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	6711	23.447	ng	97
43) 2,4,6-Trichlorophenol	9.01	196	52797	39.054	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	55212	40.304	ng	97
46) 1,1'-Biphenyl	9.18	154	244908	36.909	ng	97
47) 2-Chloronaphthalene	9.21	162	191460	38.269	ng	99
48) 2-Nitroaniline	9.32	65	61628	37.524	ng	89
49) Acenaphthylene	9.62	152	295359	40.193	ng	99
50) Dimethylphthalate	9.49	163	262811	45.995	ng	99
51) 2,6-Dinitrotoluene	9.56	165	45679	38.310	ng	91
52) Acenaphthene	9.79	154	173415	38.464	ng	98
53) 3-Nitroaniline	9.73	138	27334	18.894	ng	97
54) 2,4-Dinitrophenol	9.87	184	11506	26.517	ng	92
55) Dibenzofuran	9.97	168	258828	39.625	ng	98
56) 4-Nitrophenol	9.92	139	33881	52.380	ng	99
57) 2,4-Dinitrotoluene	9.97	165	61011	38.486	ng	# 84
58) Fluorene	10.31	166	206894	38.302	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	39197	36.405	ng	94
60) Diethylphthalate	10.18	149	211346	36.569	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	92989	38.370	ng	95
62) 4-Nitroaniline	10.35	138	40651	29.811	ng	98
63) Azobenzene	10.46	77	229374	38.770	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	11034	17.542	ng	93
66) n-Nitrosodiphenylamine	10.42	169	180391	39.885	ng	97
67) 4-Bromophenyl-phenylether	10.79	248	49459	37.116	ng	94
68) Hexachlorobenzene	10.87	284	50790	35.590	ng	# 90
69) Atrazine	10.95	200	51992	45.183	ng	97
70) Pentachlorophenol	11.07	266	26442	61.807	ng	99
71) Phenanthrene	11.27	178	276308	38.464	ng	99
72) Anthracene	11.32	178	288650	39.161	ng	99
73) Carbazole	11.49	167	251314	37.309	ng	99
74) Di-n-butylphthalate	11.80	149	329811	36.644	ng	99
75) Fluoranthene	12.46	202	243541	33.866	ng	97
77) Benzidine	12.59	184	101197	64.040	ng	98
78) Pyrene	12.69	202	236392	41.100	ng	98
80) Butylbenzylphthalate	13.30	149	111904	39.098	ng	94
81) Benzo(a)anthracene	13.88	228	178405	39.498	ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	53425	37.694	ng	98
83) Chrysene	13.92	228	177118	40.011	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	154294	38.484	ng	97
85) Di-n-octyl phthalate	14.46	149	238610	38.708	ng	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	146971	44.469	ng	98
88) Benzo(b)fluoranthene	14.92	252	168964	37.087	ng	98
89) Benzo(k)fluoranthene	14.94	252	170327	36.476	ng	97
90) Benzo(a)pyrene	15.27	252	155567	37.556	ng	99
91) Dibenzo(a,h)anthracene	16.73	278	126145	35.219	ng	98
92) Benzo(g,h,i)perylene	17.16	276	111030	32.763	ng	96

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

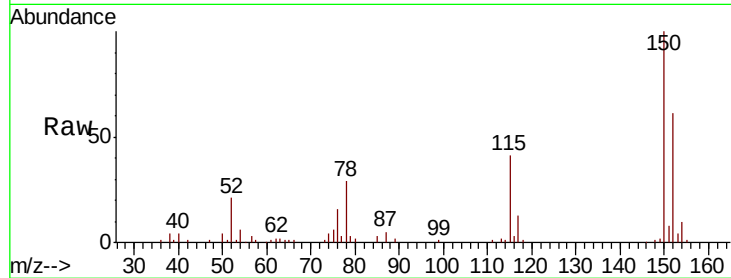


#1

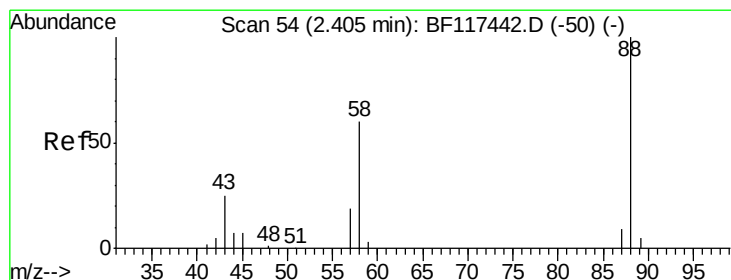
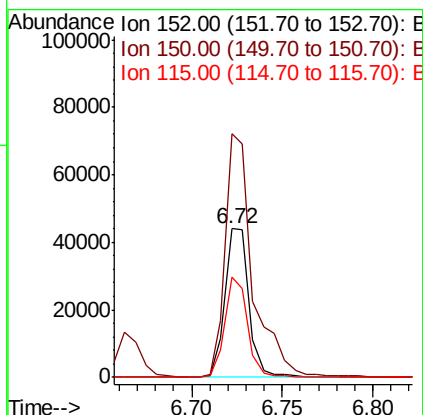
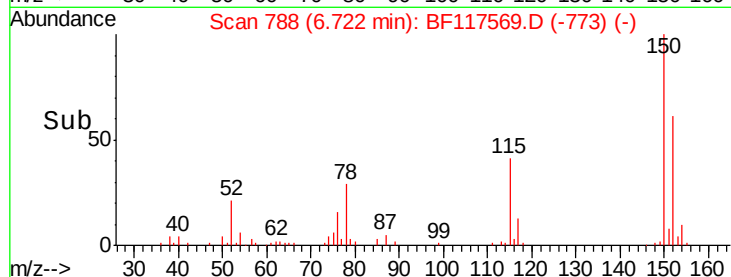
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 40711
Ion Ratio Lower Upper
152 100
150 163.6 126.8 190.2
115 67.2 51.6 77.4



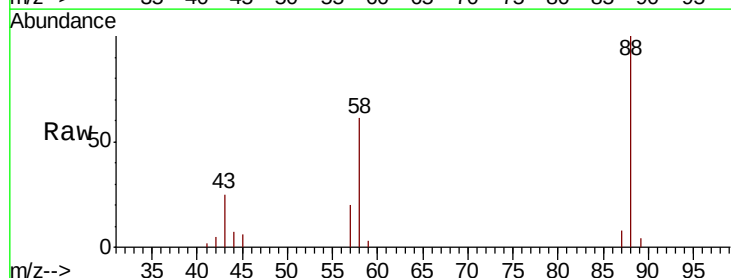
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



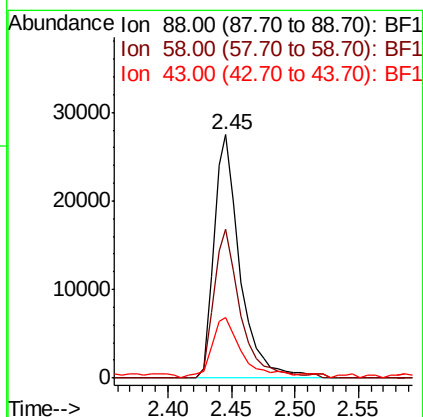
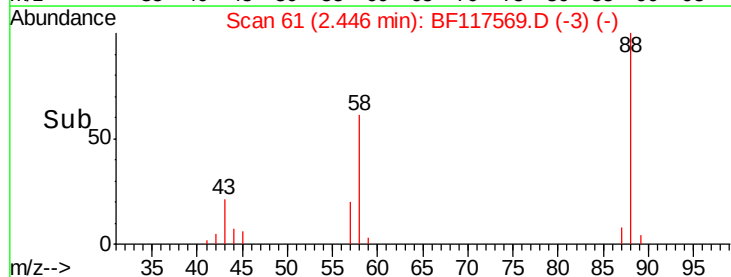
#2

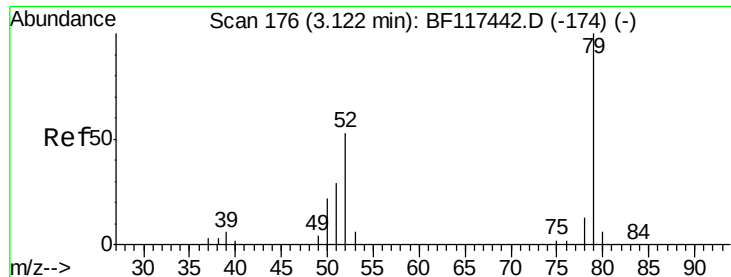
1,4-Dioxane
Concen: 34.465 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion: 88 Resp: 39653
Ion Ratio Lower Upper
88 100
58 62.6 48.8 73.2
43 28.7 18.5 27.7#



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: 33.608 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.05 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

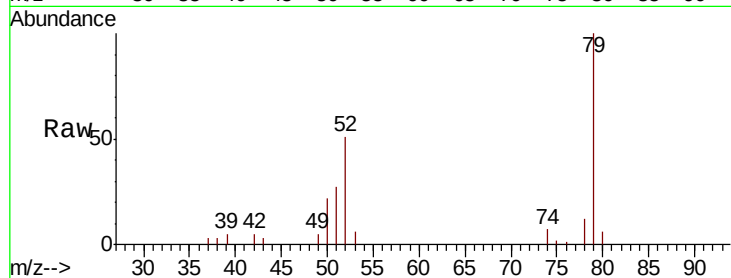
Tot Ion: 79 Resp: 94657

Ion Ratio Lower Upper

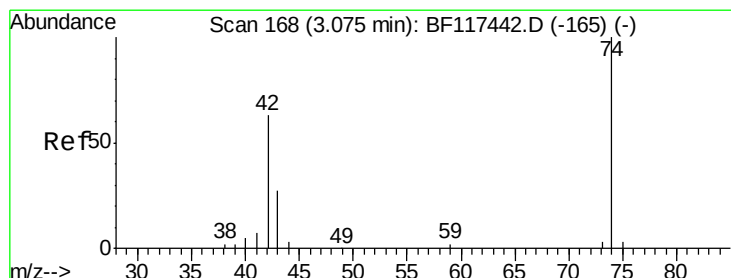
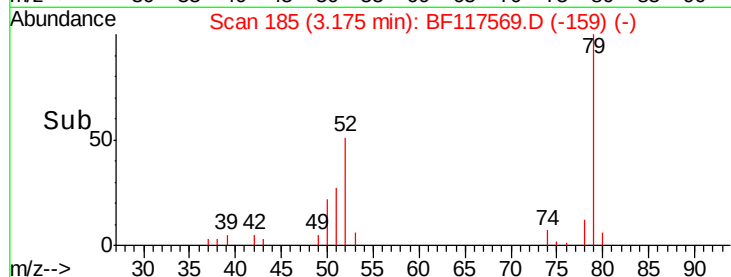
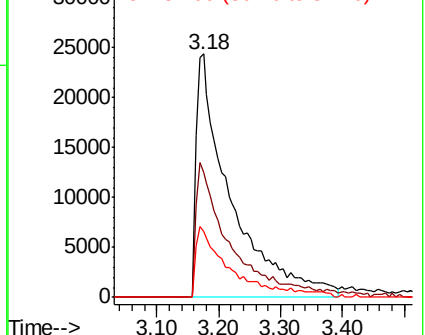
79 100

52 51.3 42.4 63.6

51 27.2 23.3 34.9



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: 37.880 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.04 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

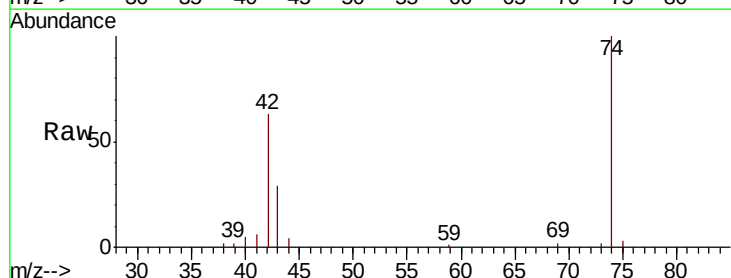
Tgt Ion: 42 Resp: 38705

Ion Ratio Lower Upper

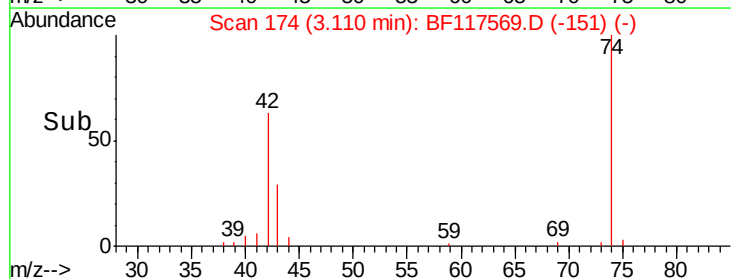
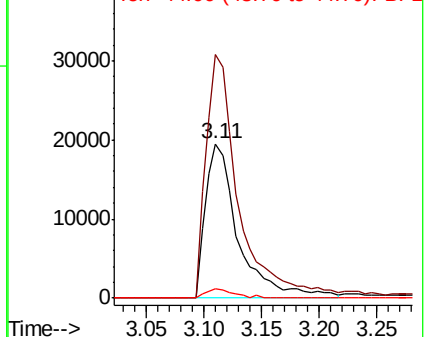
42 100

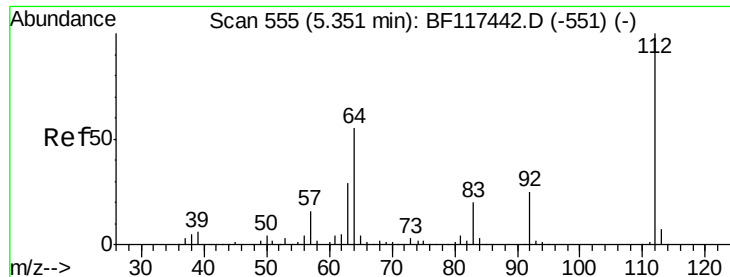
74 157.8 124.2 186.4

44 6.0 4.2 6.4



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: 85.833 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117569.D

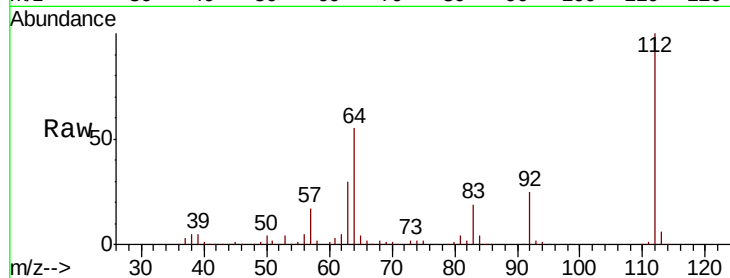
Acq: 28 Oct 2019 18:45

Instrument :

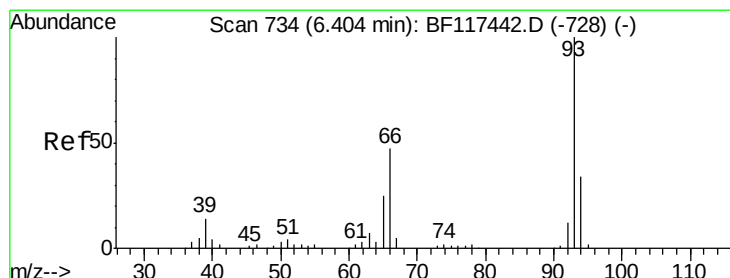
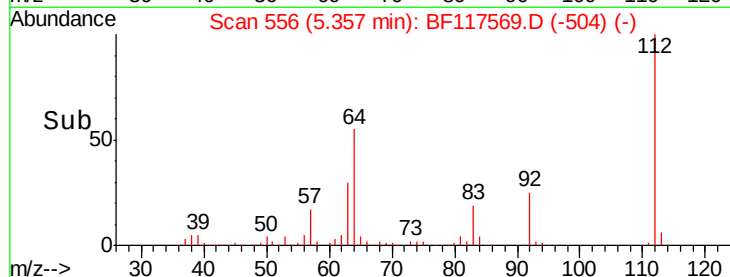
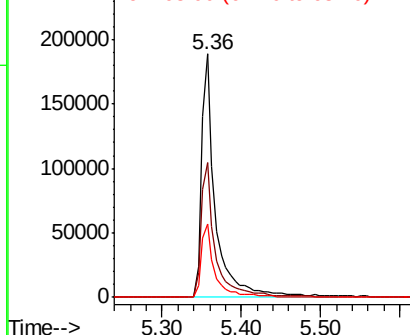
BNA_E

ClientSampled :

Tot Ion:	112	Resp:	234881
Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.1	66.1
63	30.0	23.4	35.2



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: 19.448 ng

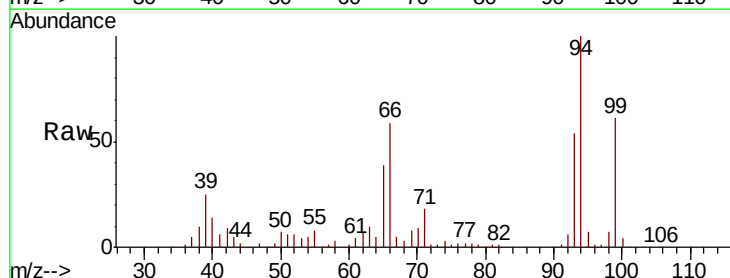
RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

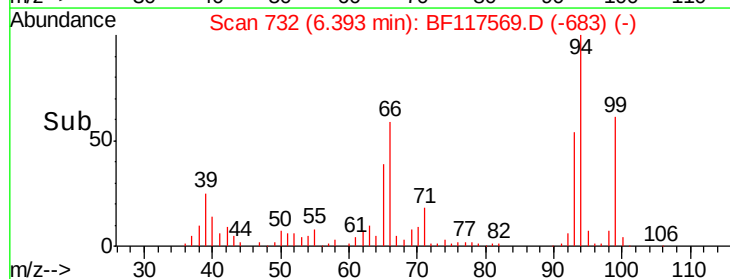
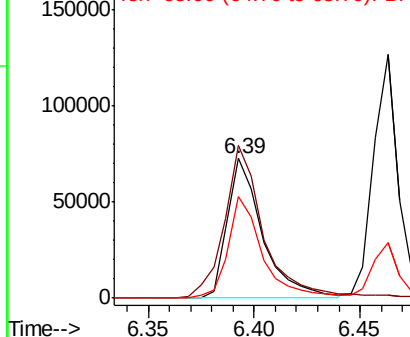
Lab File: BF117569.D

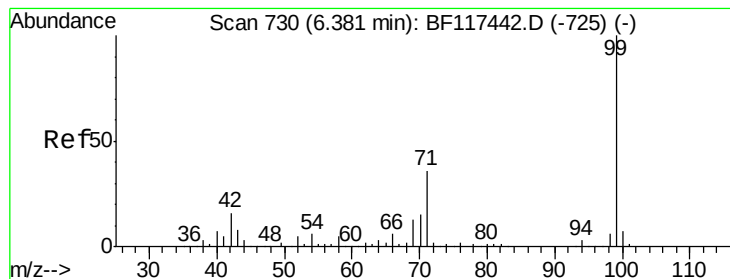
Acq: 28 Oct 2019 18:45

Tgt Ion:	93	Resp:	83916
Ion	Ratio	Lower	Upper
93	100		
66	110.0	38.7	58.1#
65	72.6	20.1	30.1#



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: 87.942 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

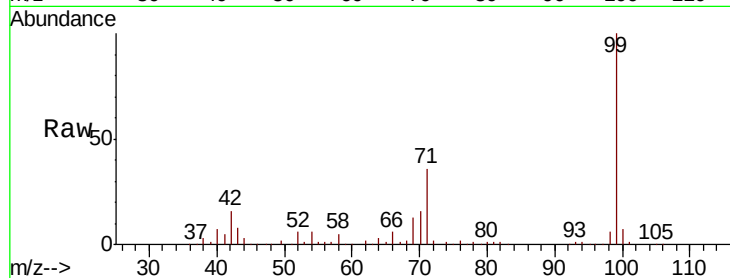
Tot Ion: 99 Resp: 323225

Ion Ratio Lower Upper

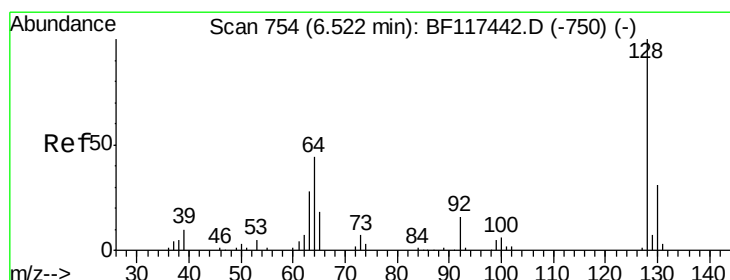
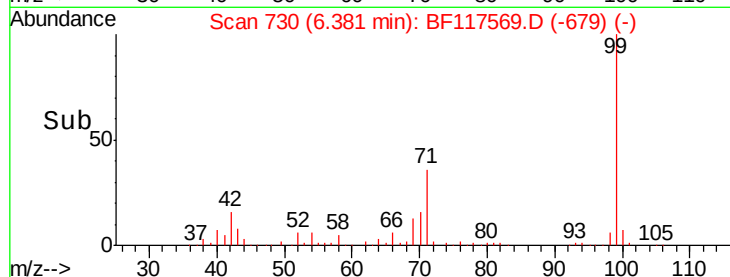
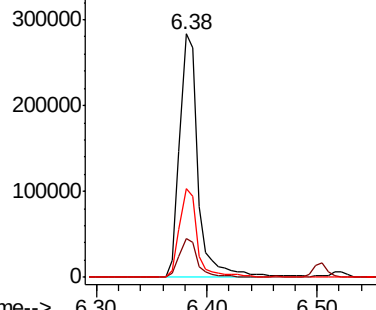
99 100

42 16.0 12.8 19.2

71 36.4 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: 38.667 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

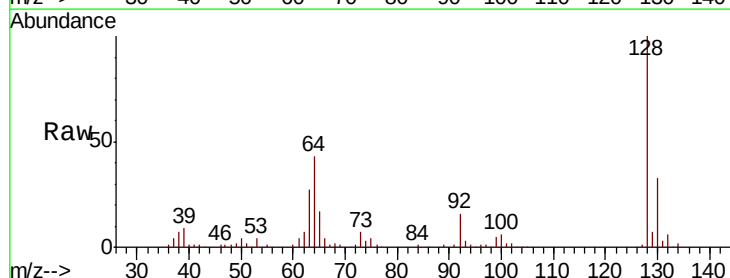
Tgt Ion: 128 Resp: 111655

Ion Ratio Lower Upper

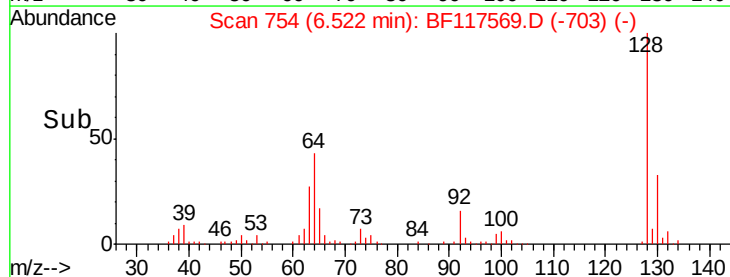
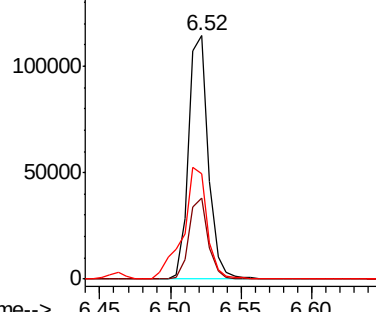
128 100

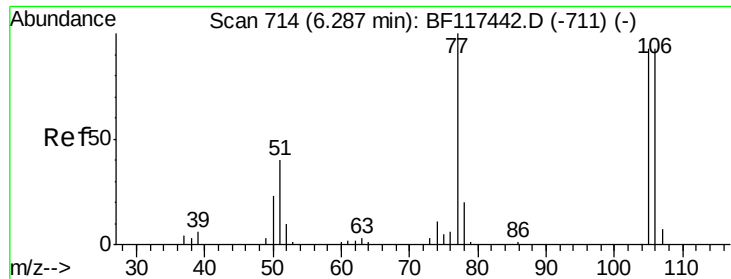
130 33.1 11.1 51.1

64 43.3 27.1 67.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.982 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

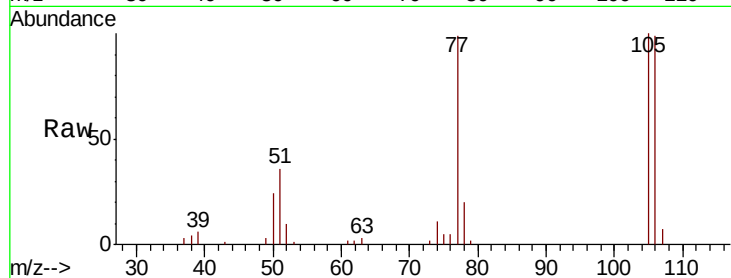
Tot Ion: 77 Resp: 64537

Ion Ratio Lower Upper

77 100

105 100.9 73.4 113.4

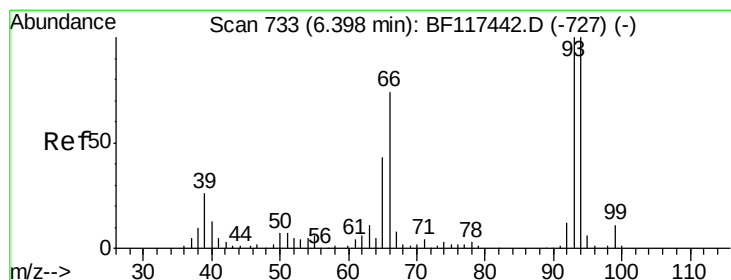
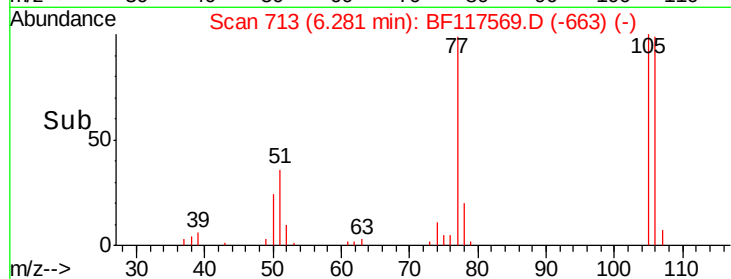
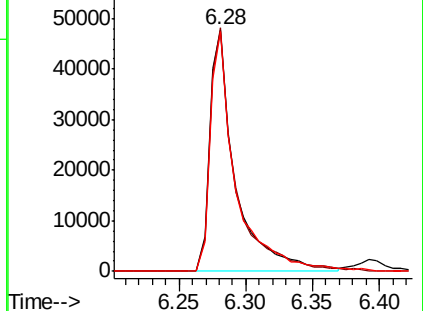
106 99.6 73.0 113.0



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: 40.059 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

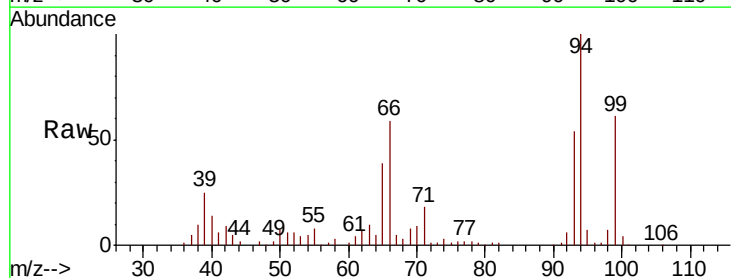
Tgt Ion: 94 Resp: 150273

Ion Ratio Lower Upper

94 100

65 39.0 23.4 63.4

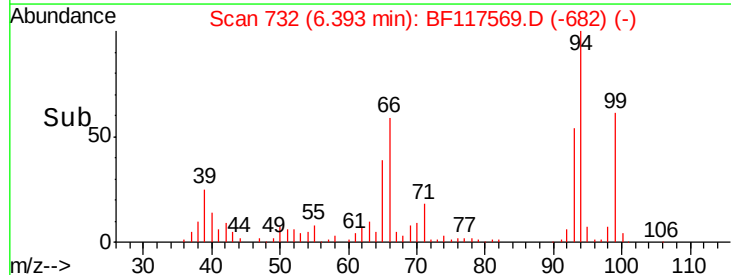
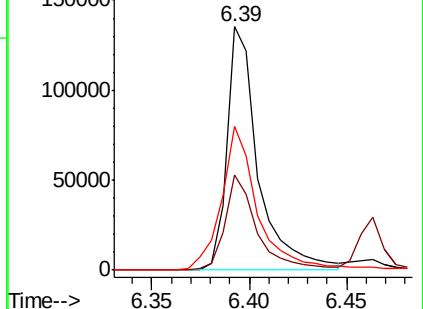
66 59.0 54.7 94.7

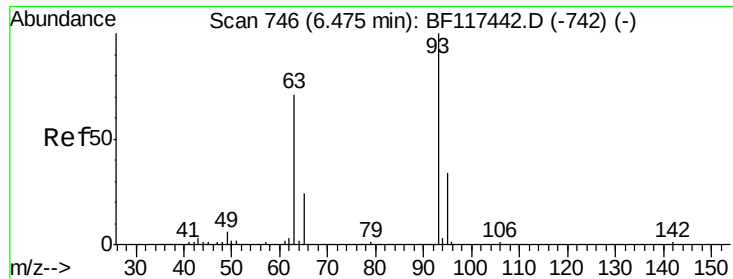


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.691 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

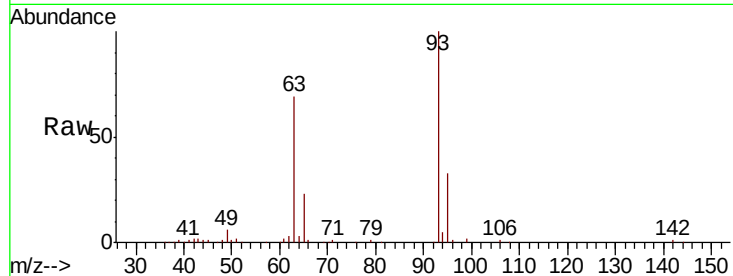
Tot Ion: 93 Resp: 101806

Ion Ratio Lower Upper

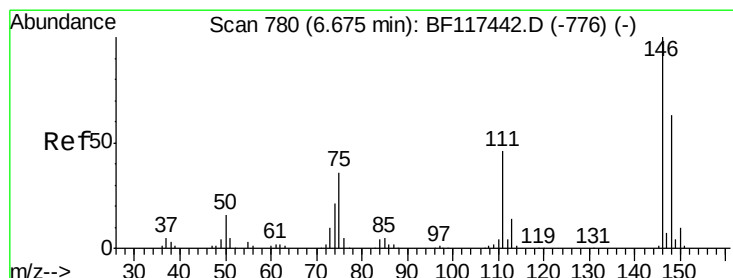
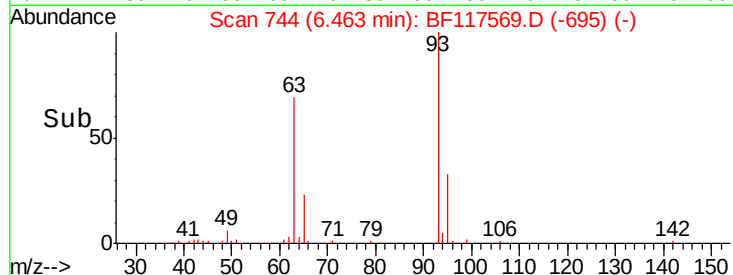
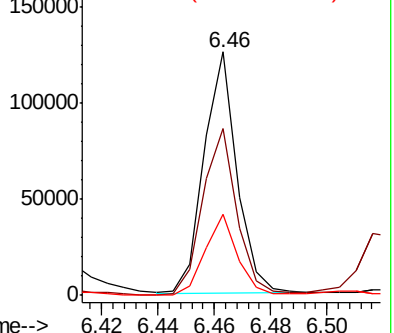
93 100

63 68.7 50.2 90.2

95 33.5 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 35.682 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

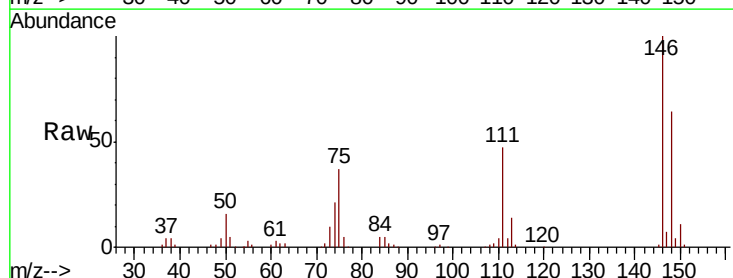
Tgt Ion: 146 Resp: 114979

Ion Ratio Lower Upper

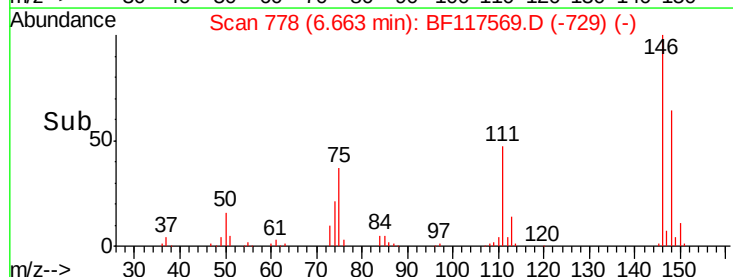
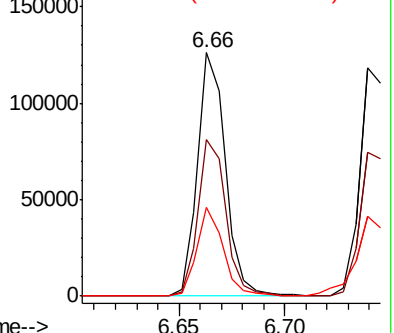
146 100

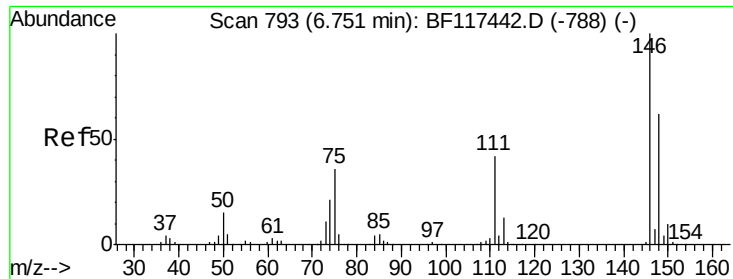
148 64.5 50.6 75.8

75 36.6 28.6 43.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

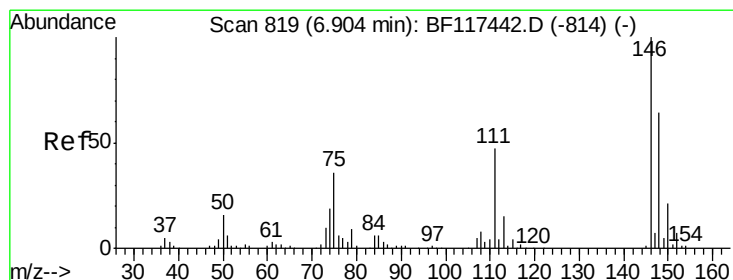
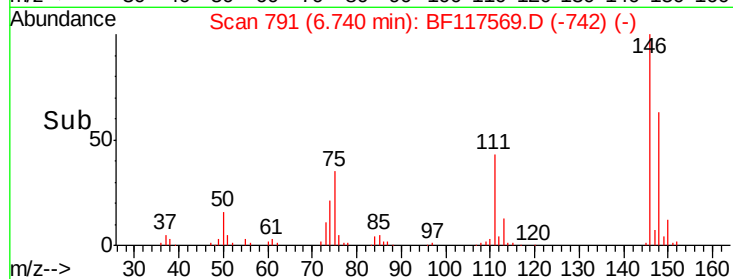
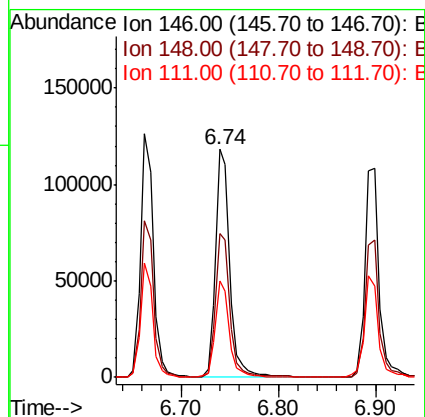
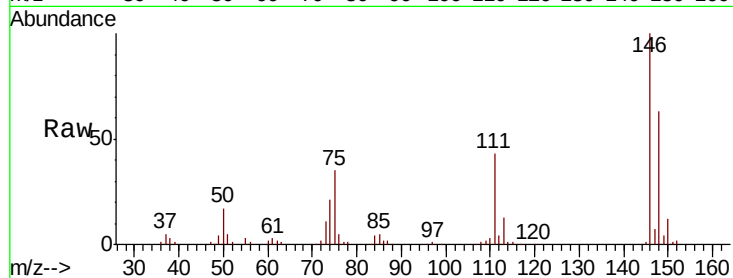




#13
 1,4-Dichlorobenzene
 Concen: 36.748 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

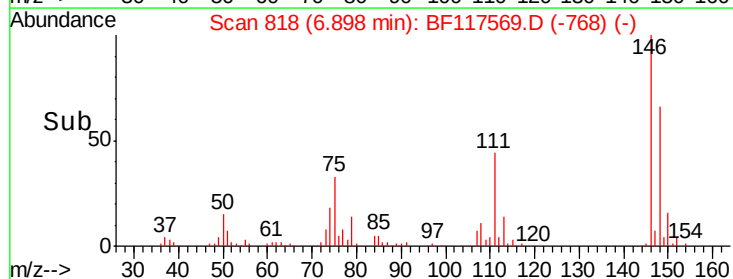
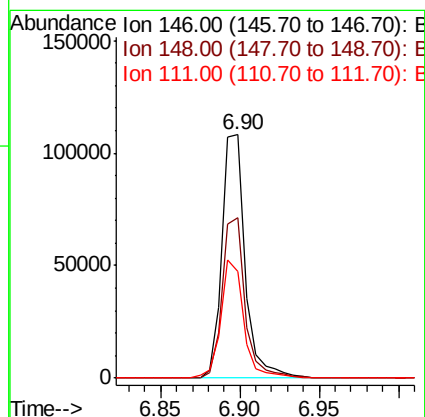
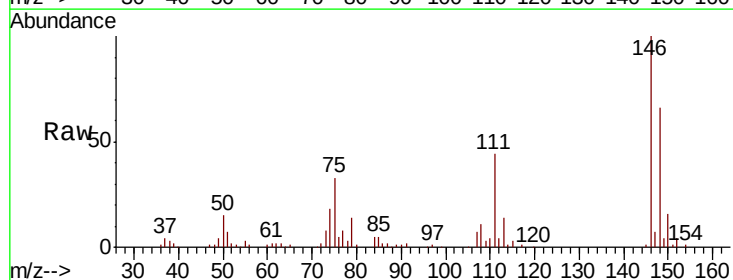
Instrument :
 BNA_E
 ClientSampleId :

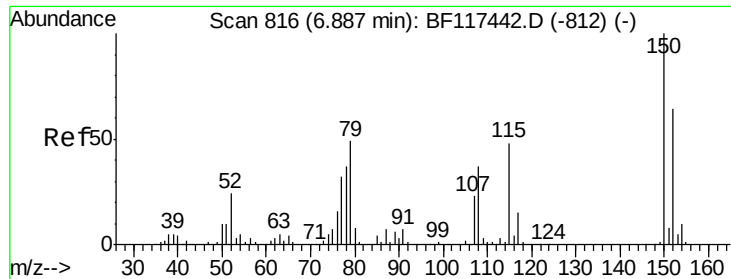
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.3	73.9
111	42.6	33.6	50.4



#14
 1,2-Dichlorobenzene
 Concen: 35.730 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
111	43.6	37.7	56.5

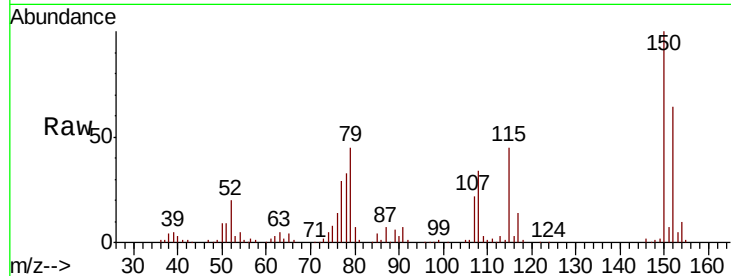




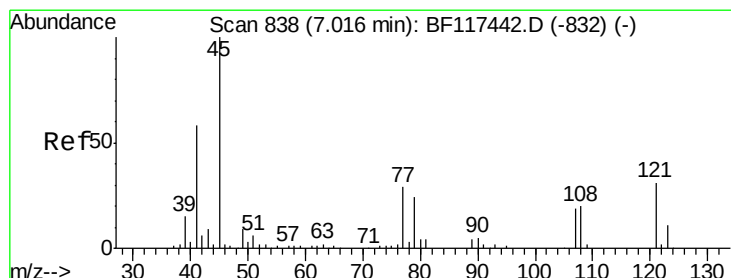
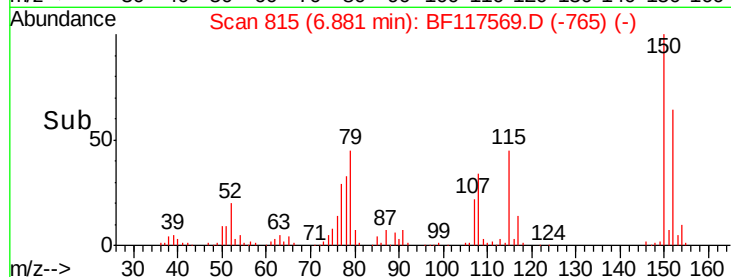
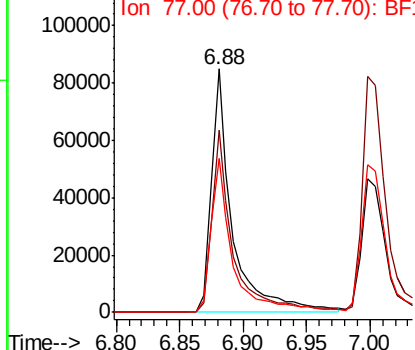
#15
Benzyl Alcohol
Concen: 37.638 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 79 Resp: 98833
Ion Ratio Lower Upper
79 100
108 74.9 59.8 89.8
77 63.3 51.4 77.0

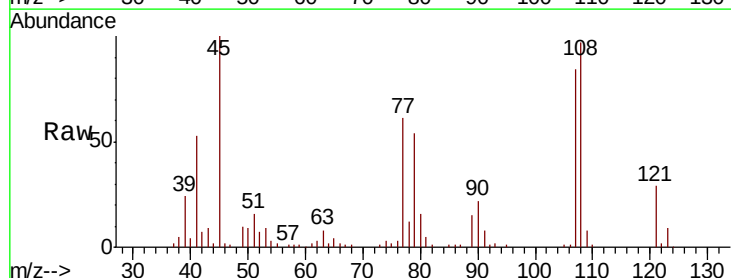


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

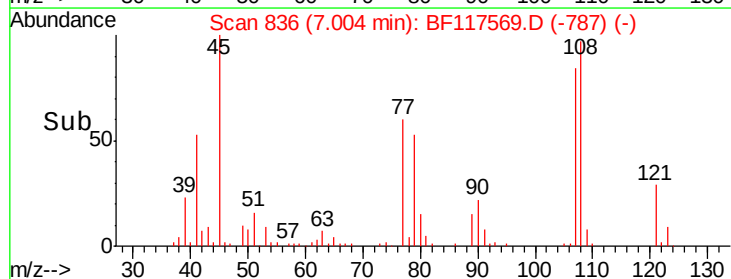
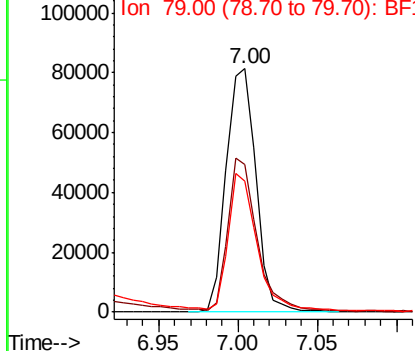


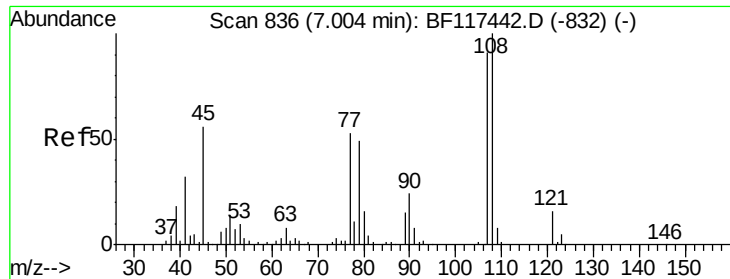
#16
2,2'-oxybis(1-chloropropane)
Concen: 35.405 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion: 45 Resp: 105975
Ion Ratio Lower Upper
45 100
77 60.5 9.9 49.9#
79 53.7 5.5 45.5#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

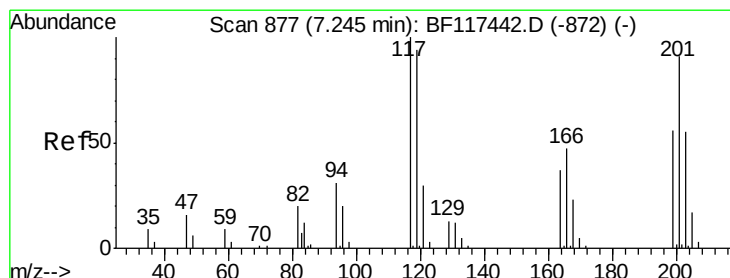
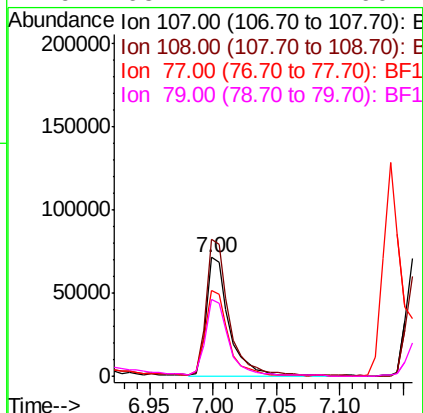
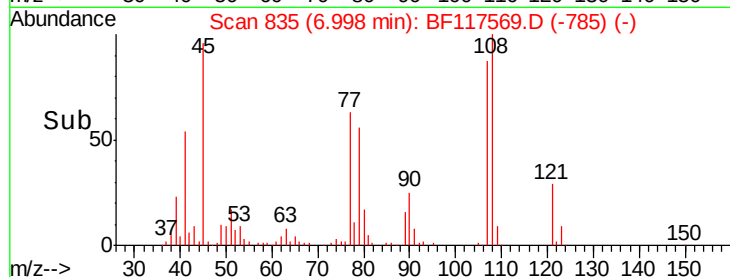
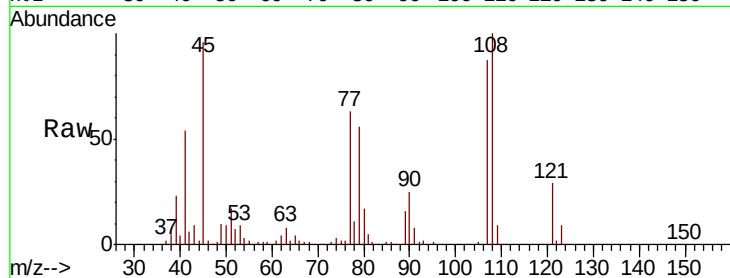




#17
2-Methylphenol
Concen: 38.335 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

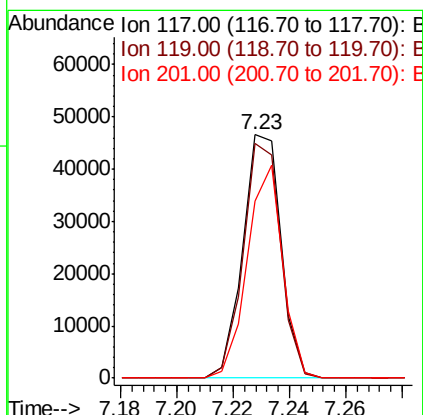
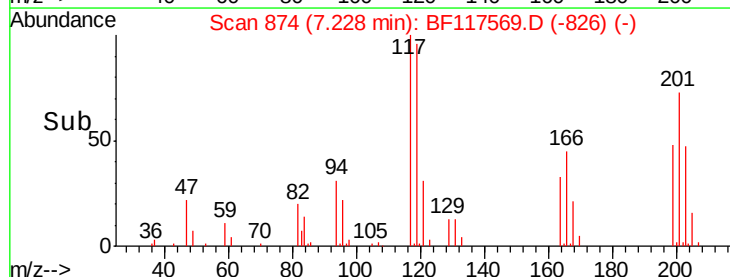
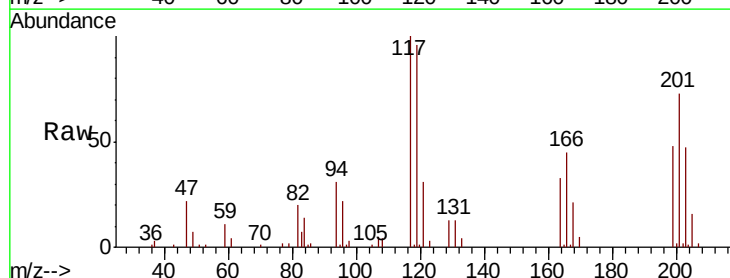
Instrument :
BNA_E
ClientSampled :

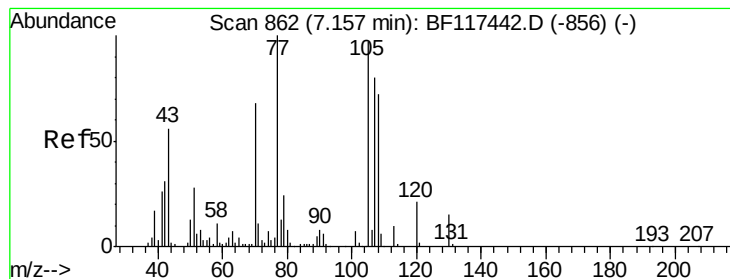
Tot Ion:107 Resp: 91063
Ion Ratio Lower Upper
107 100
108 115.5 88.0 132.0
77 72.3 47.2 70.8#
79 65.1 44.1 66.1



#18
Hexachloroethane
Concen: 34.298 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:117 Resp: 43761
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.0
201 72.8 72.5 108.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.675 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 70 Resp: 82323

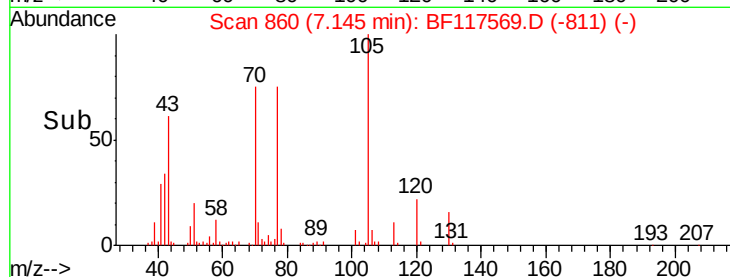
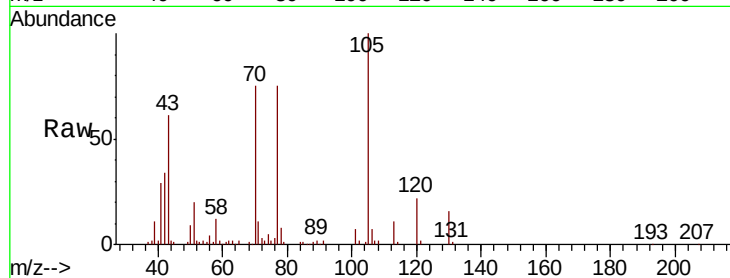
Ion Ratio Lower Upper

70 100

42 45.2 36.7 55.1

101 9.7 8.3 12.5

130 20.7 18.1 27.1

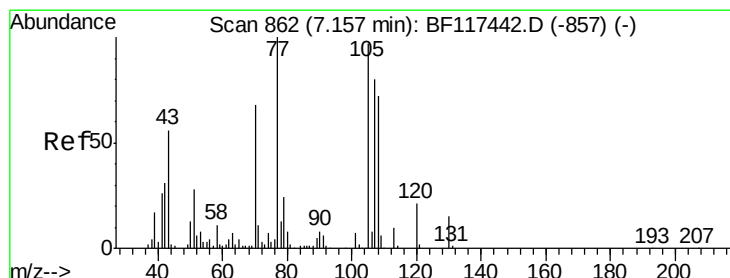
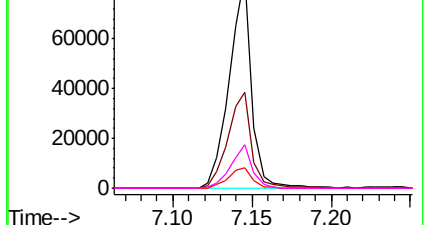


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.903 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Tgt Ion:107 Resp: 121161

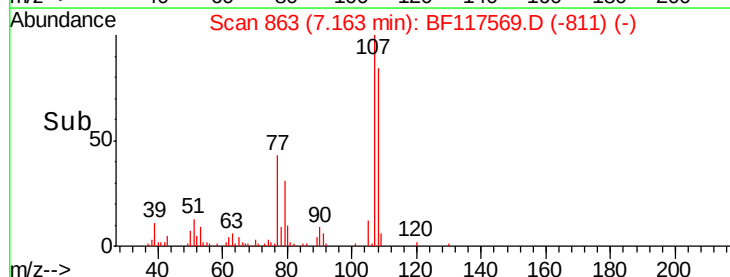
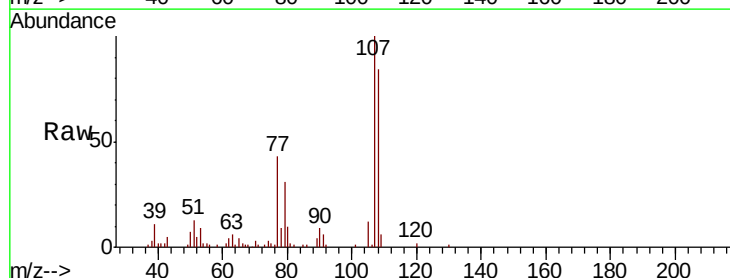
Ion Ratio Lower Upper

107 100

108 83.9 70.3 110.3

77 42.8 104.8 144.8#

79 30.8 10.0 50.0

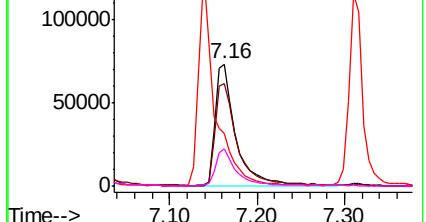


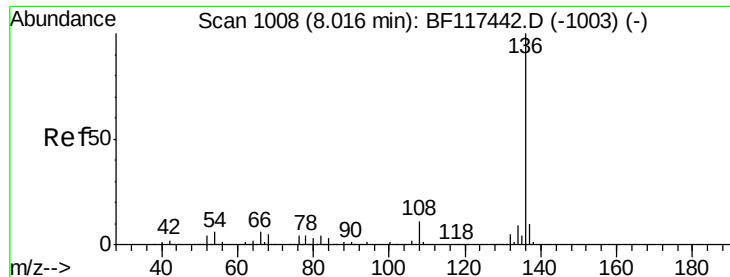
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

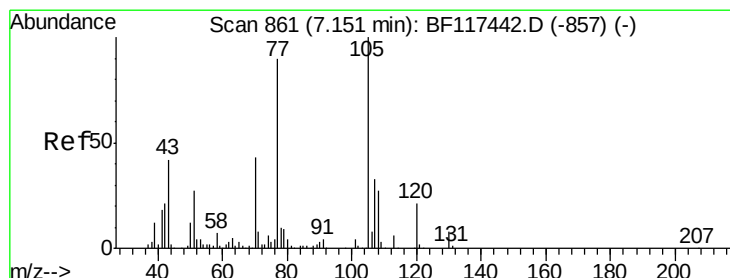
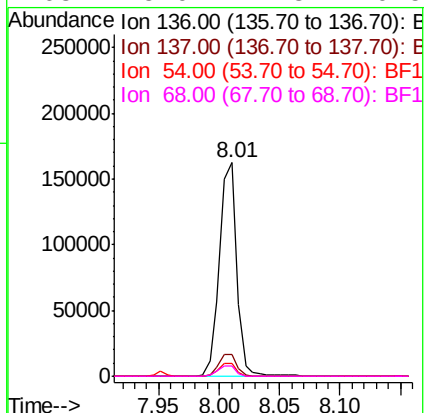
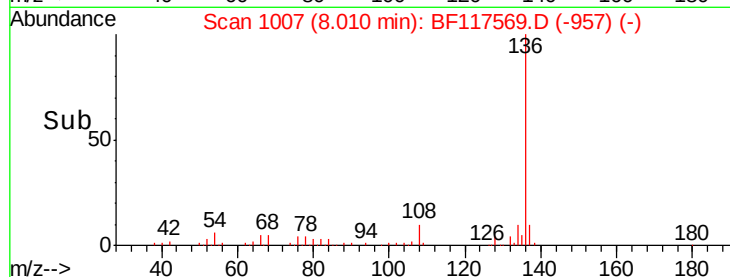
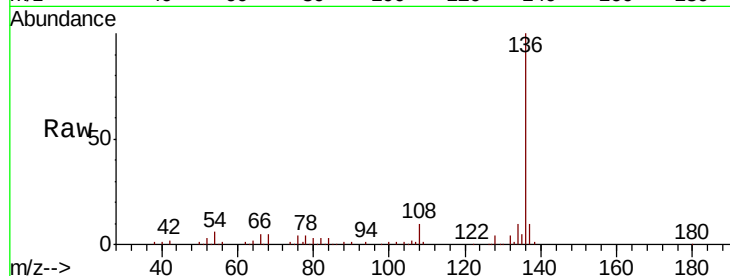




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

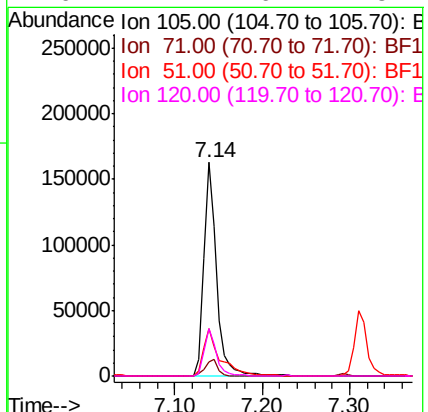
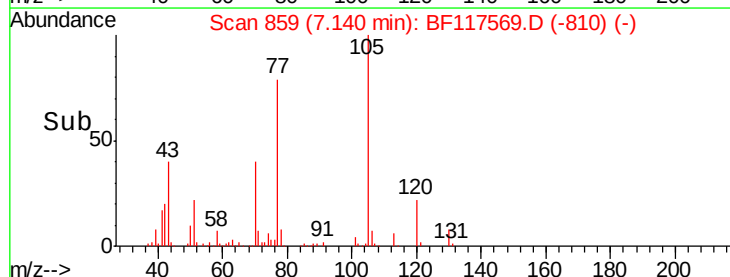
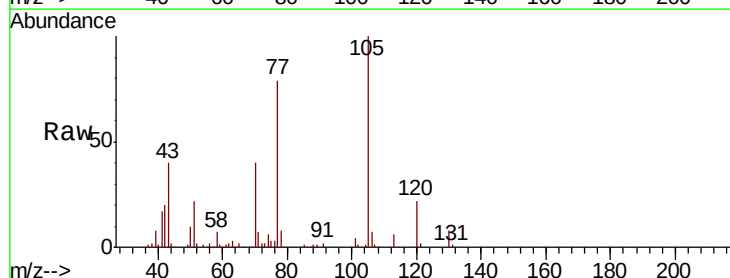
Instrument :
BNA_E
ClientSampled :

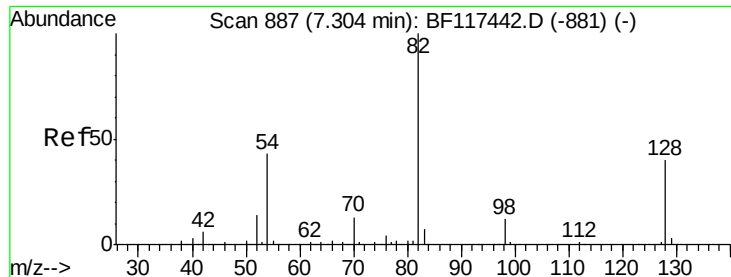
Tot Ion:136	Resp:	160403
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.2 12.4
54	5.7	4.5 6.7
68	5.0	4.3 6.5



#22
Acetophenone
Concen: 38.690 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:105	Resp:	164793
Ion Ratio	Lower	Upper
105	100	
71	6.7	6.2 9.2
51	22.3	21.8 32.6
120	22.2	16.7 25.1

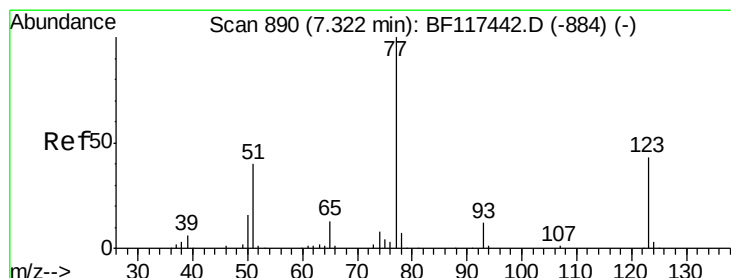
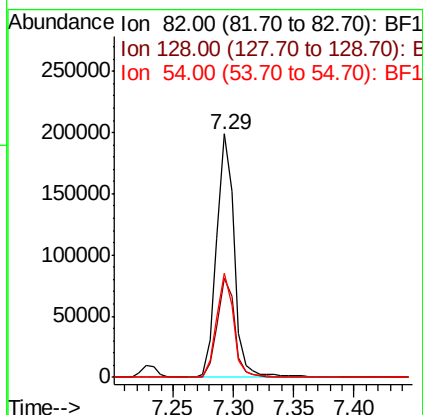
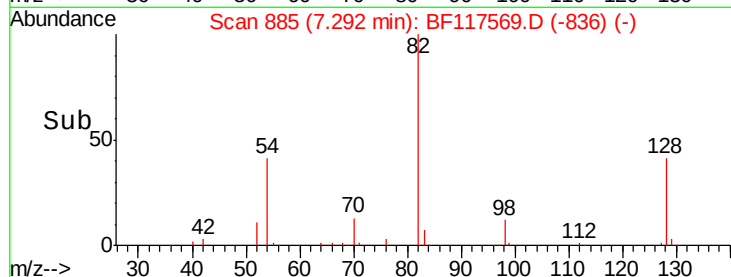
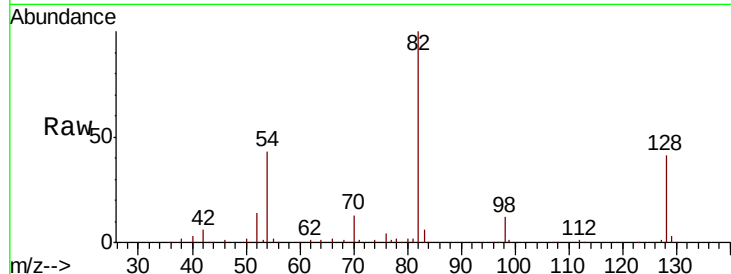




#23
Nitrobenzene-d5
Concen: 61.067 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

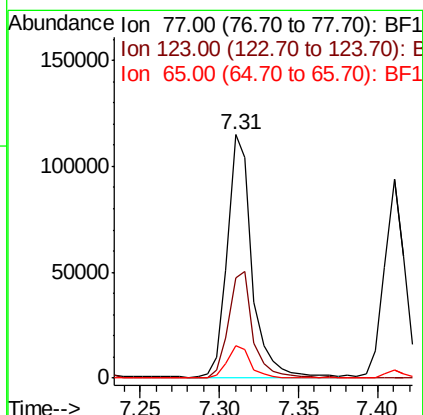
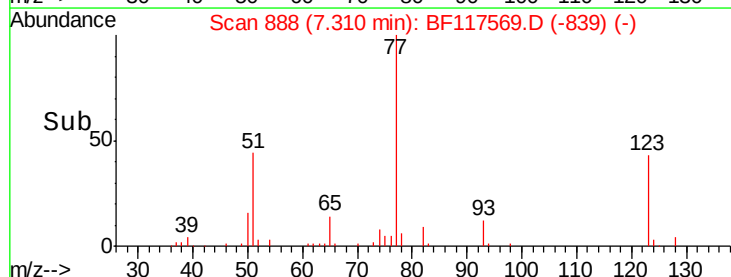
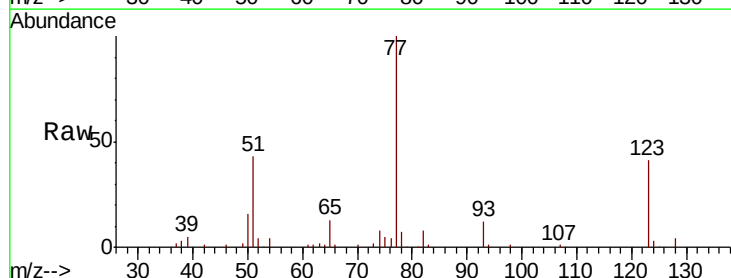
Instrument :
BNA_E
ClientSampleId :

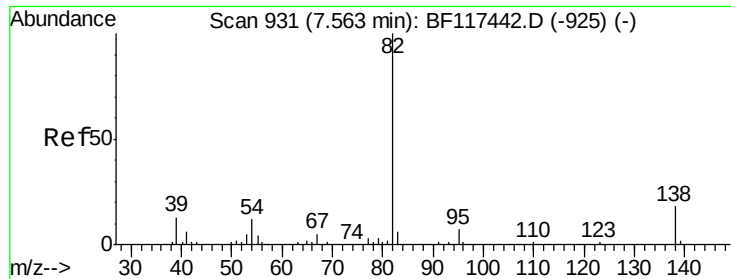
Tot Ion: 82 Resp: 198414
Ion Ratio Lower Upper
82 100
128 40.5 32.2 48.2
54 42.6 34.2 51.2



#24
Nitrobenzene
Concen: 39.838 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion: 77 Resp: 123976
Ion Ratio Lower Upper
77 100
123 41.2 34.2 51.2
65 13.4 10.3 15.5





#25

Isophorone

Concen: 38.525 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

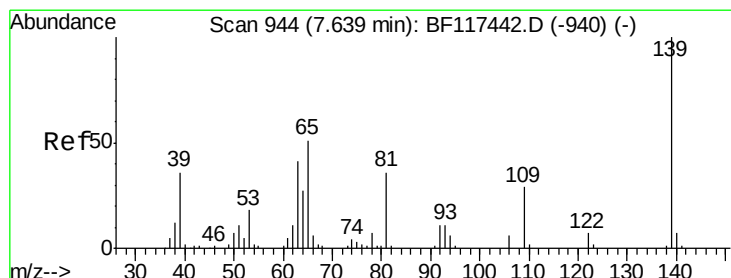
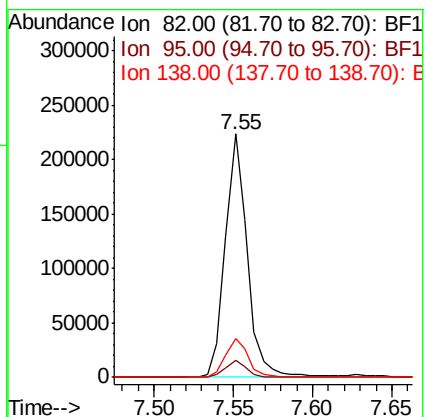
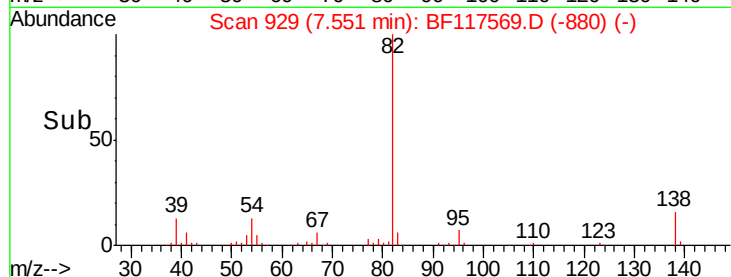
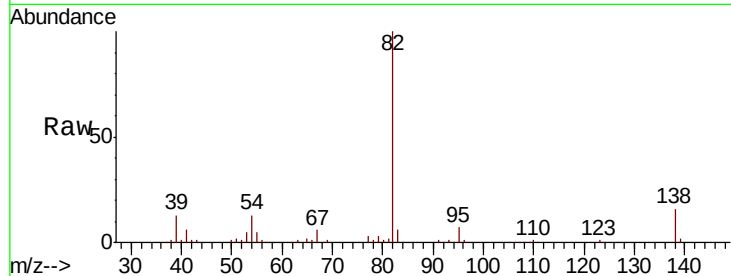
Tot Ion: 82 Resp: 216542

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.0

138 16.1 14.2 21.2



#26

2-Nitrophenol

Concen: 40.205 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

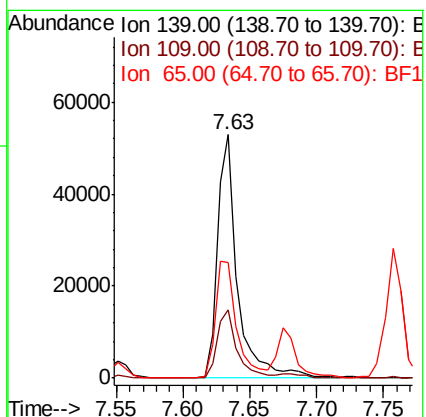
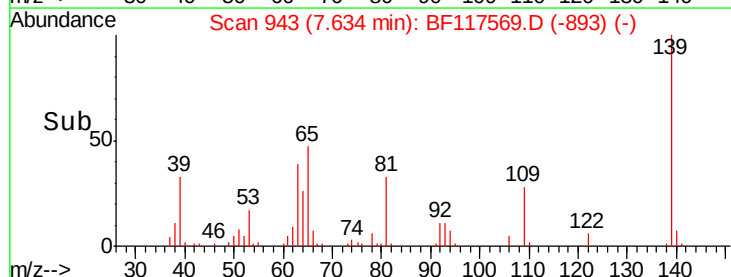
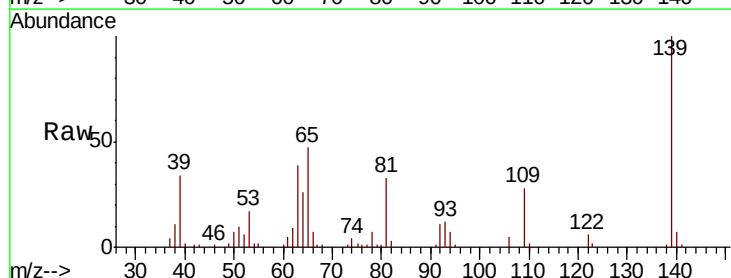
Tgt Ion: 139 Resp: 55803

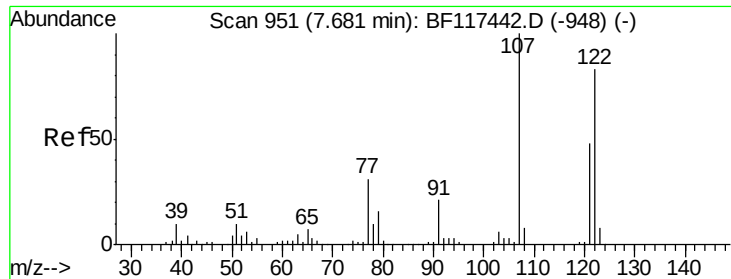
Ion Ratio Lower Upper

139 100

109 28.3 23.2 34.8

65 47.4 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 44.694 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

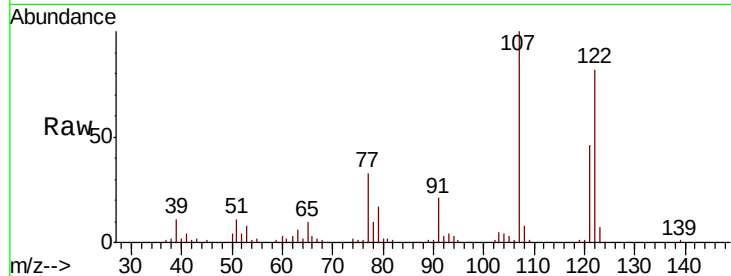
Tot Ion:122 Resp: 92708

Ion Ratio Lower Upper

122 100

107 121.3 96.8 145.2

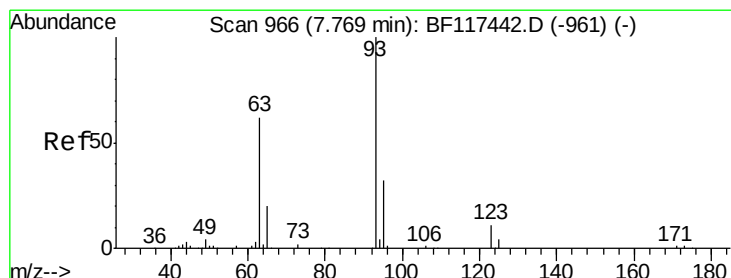
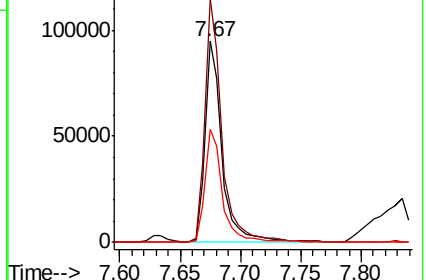
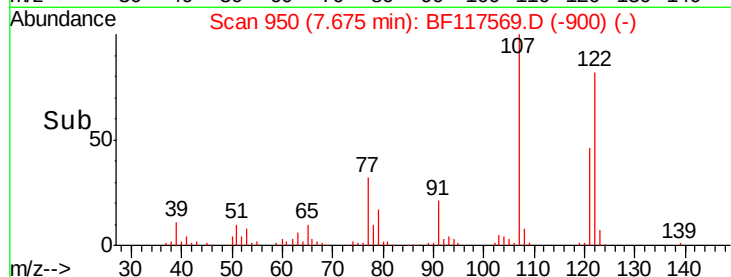
121 56.2 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.450 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

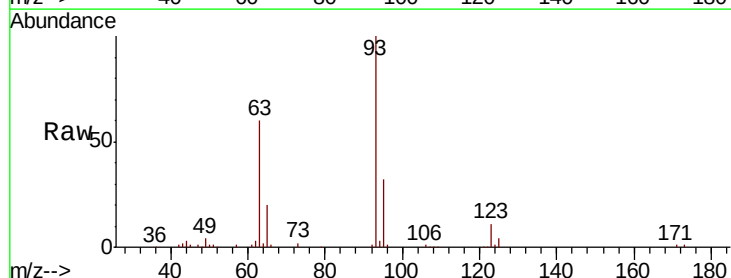
Tgt Ion: 93 Resp: 129887

Ion Ratio Lower Upper

93 100

95 31.5 25.5 38.3

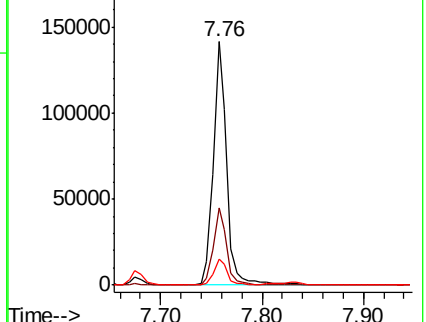
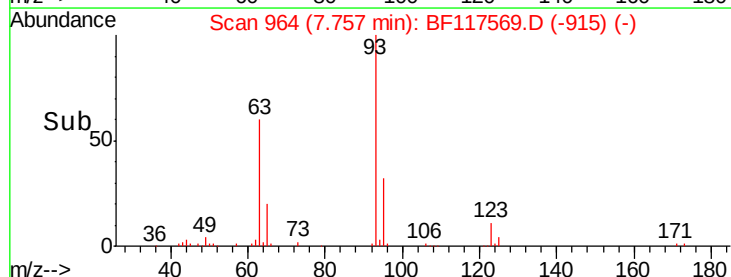
123 10.7 9.0 13.6

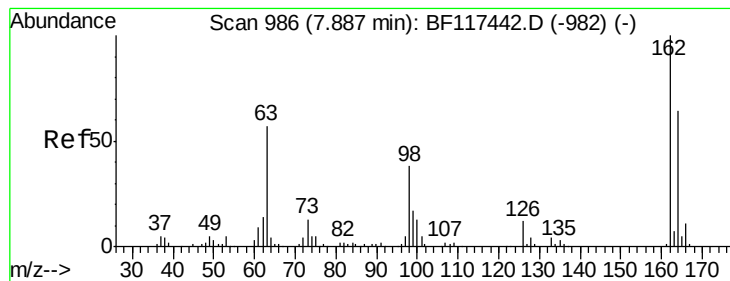


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.857 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampled :

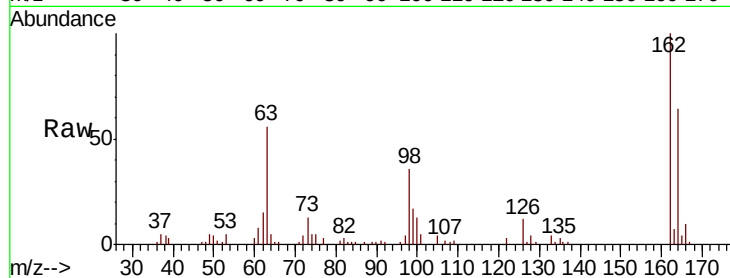
Tot Ion:162 Resp: 86716

Ion Ratio Lower Upper

162 100

164 64.4 44.4 84.4

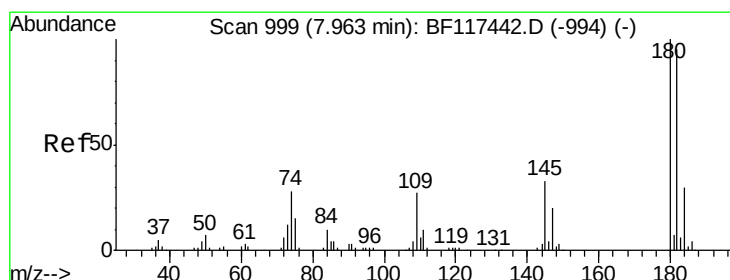
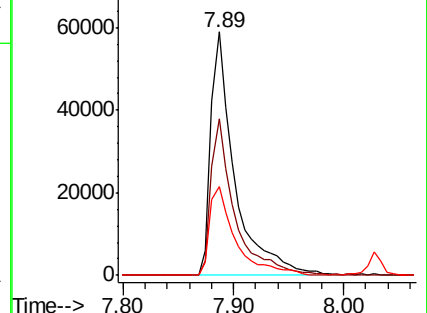
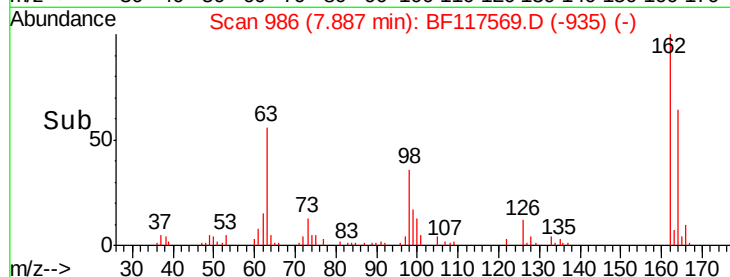
98 36.3 18.2 58.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.478 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

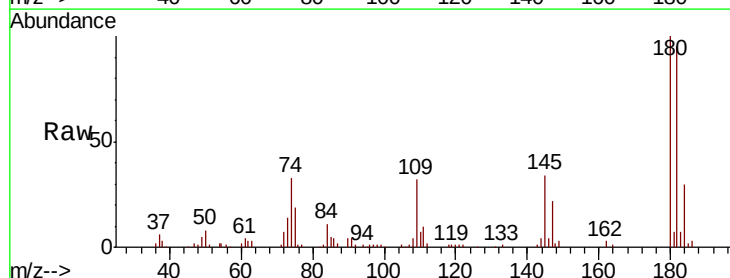
Tgt Ion:180 Resp: 87503

Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.8

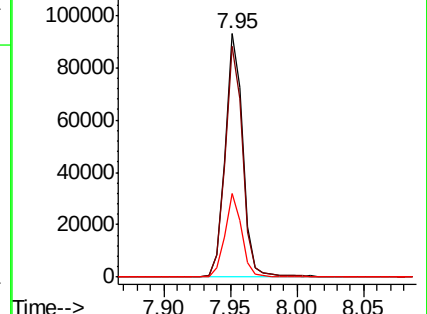
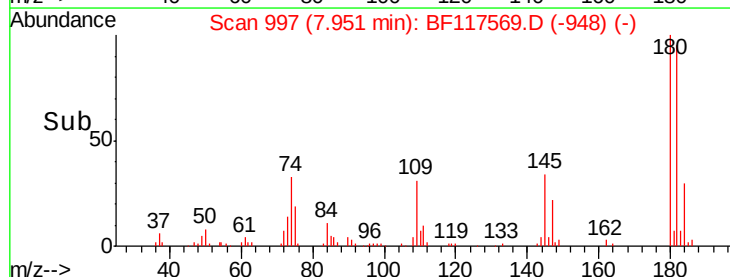
145 34.2 26.5 39.7

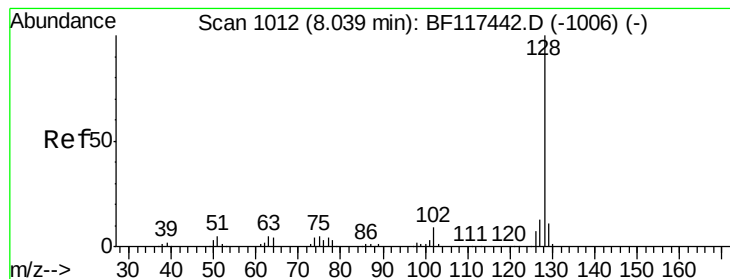


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.131 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

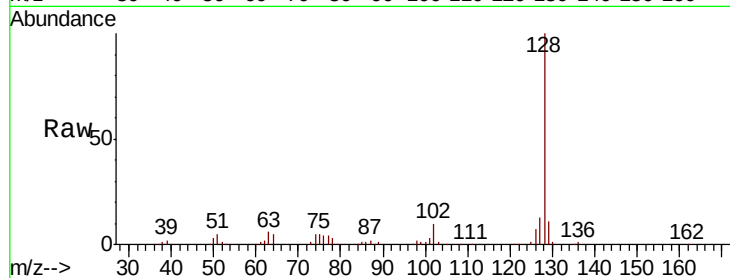
Tot Ion:128 Resp: 319064

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

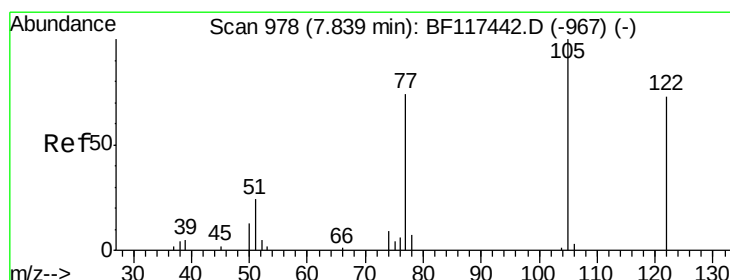
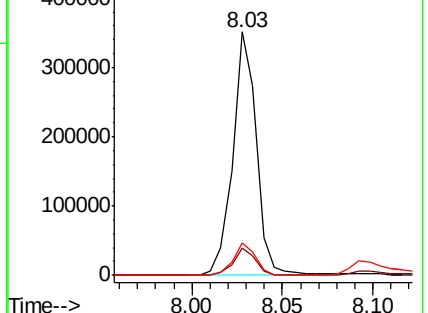
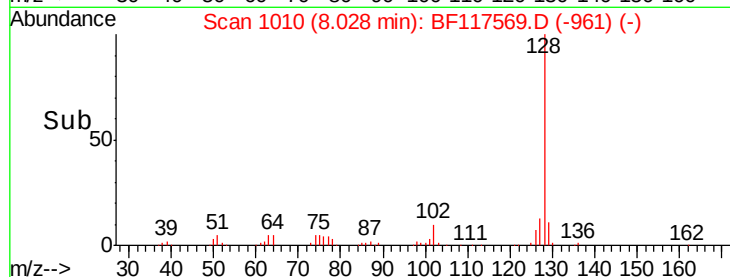
127 13.1 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.118 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

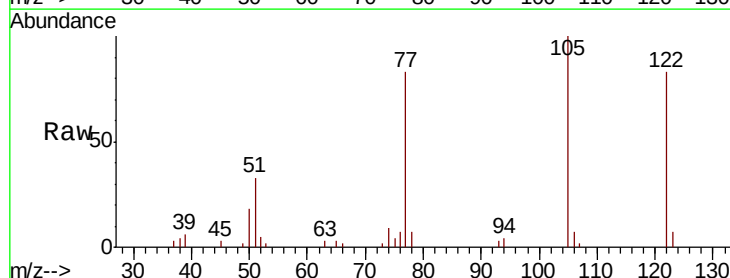
Tgt Ion:122 Resp: 47052

Ion Ratio Lower Upper

122 100

105 120.2 115.0 155.0

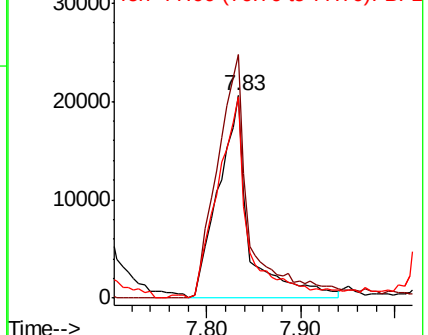
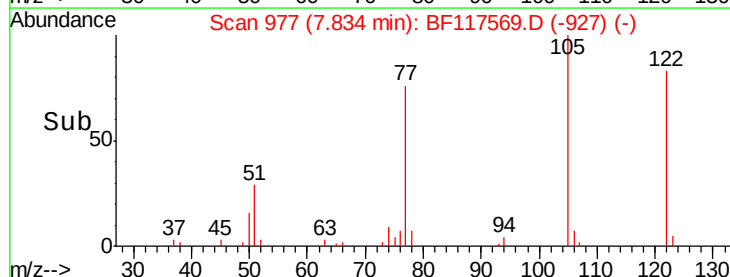
77 99.7 79.7 119.7

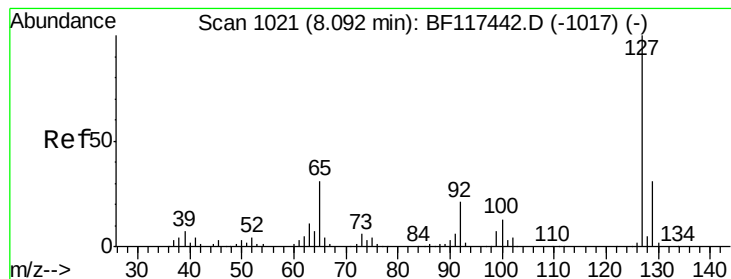


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 11.427 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

Tot Ion:127 Resp: 38343

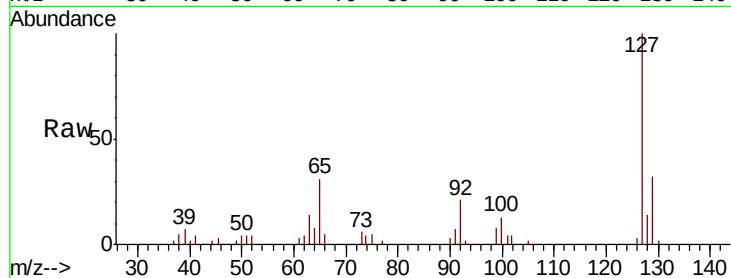
Ion Ratio Lower Upper

127 100

129 31.6 24.8 37.2

65 30.9 24.6 37.0

92 20.8 16.5 24.7

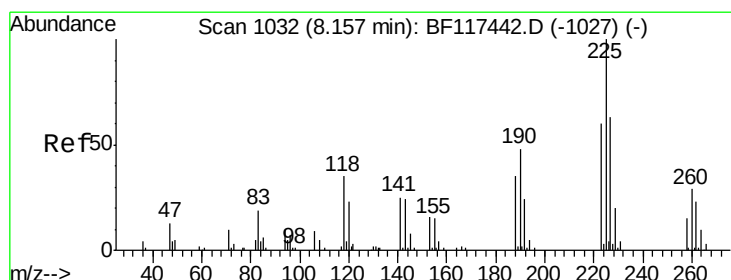
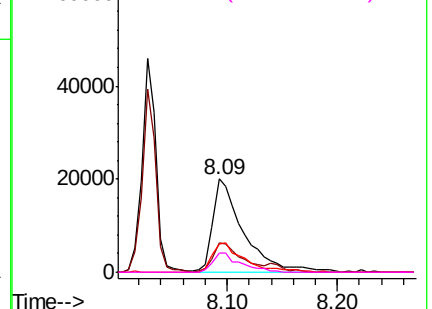
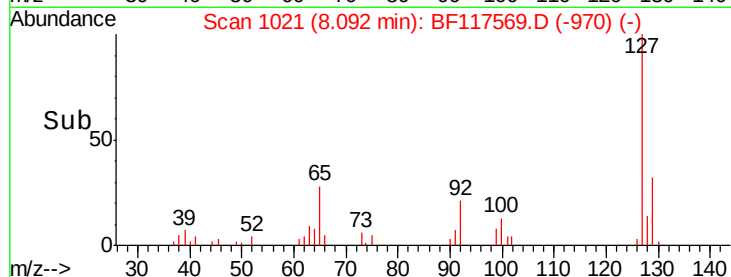


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 34.346 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

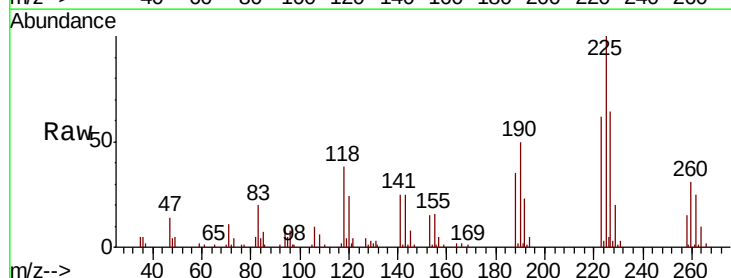
Tgt Ion:225 Resp: 46414

Ion Ratio Lower Upper

225 100

223 62.3 48.2 72.4

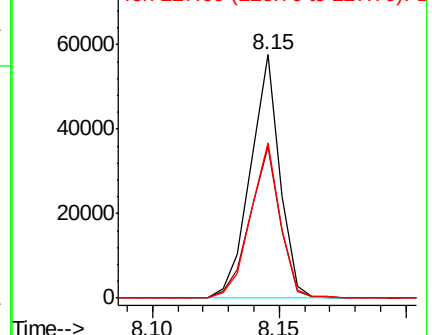
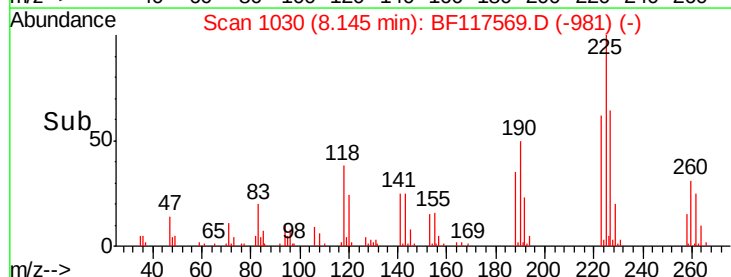
227 63.8 50.2 75.4

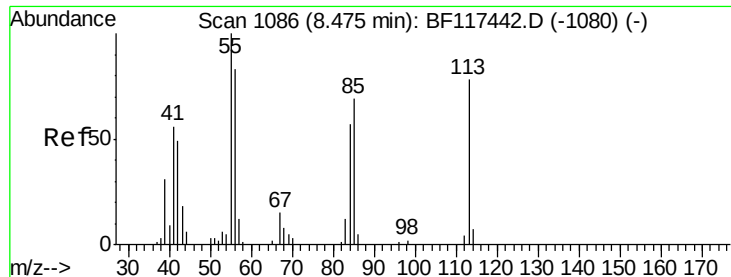


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.574 ng

RT: 8.46 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

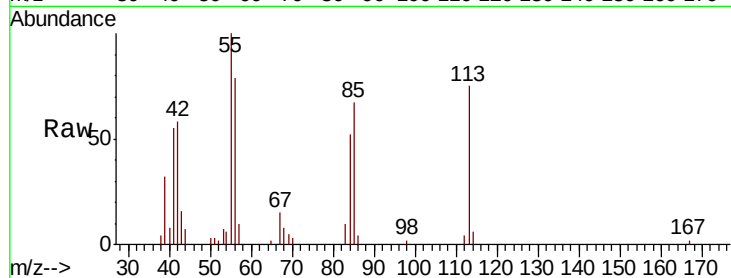
Tot Ion:113 Resp: 18573

Ion Ratio Lower Upper

113 100

55 133.7 108.8 148.8

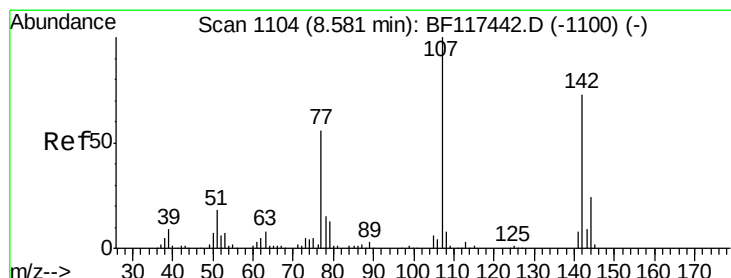
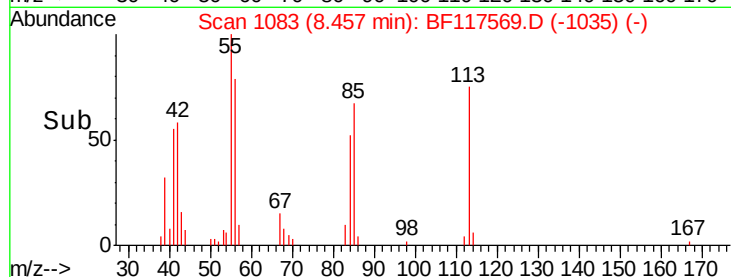
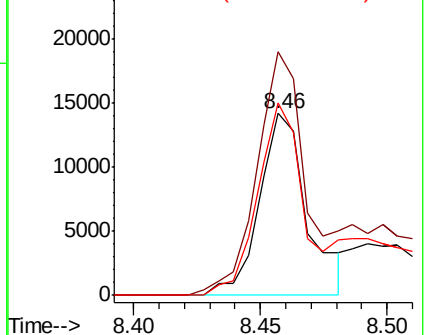
56 106.0 87.2 127.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.388 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

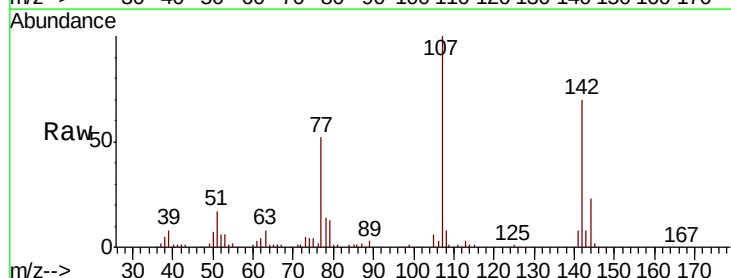
Tgt Ion:107 Resp: 100214

Ion Ratio Lower Upper

107 100

144 23.1 18.9 28.3

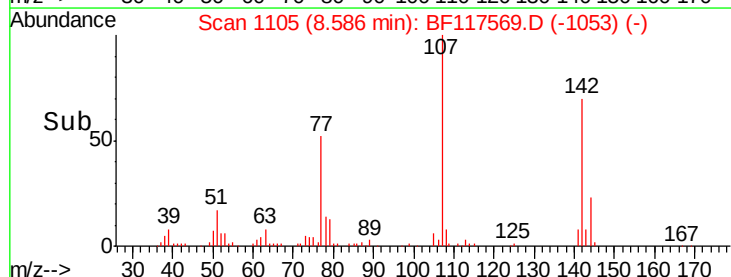
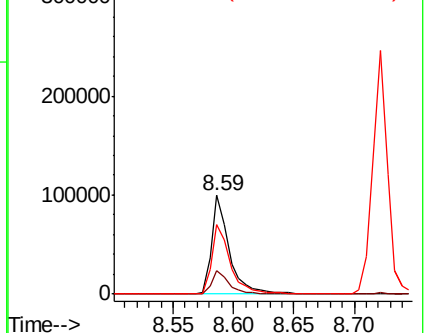
142 70.0 58.6 88.0

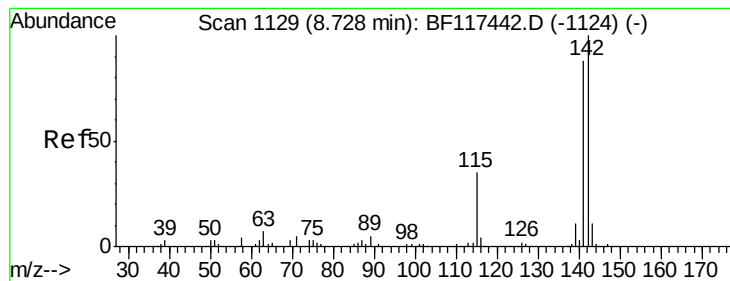


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.849 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

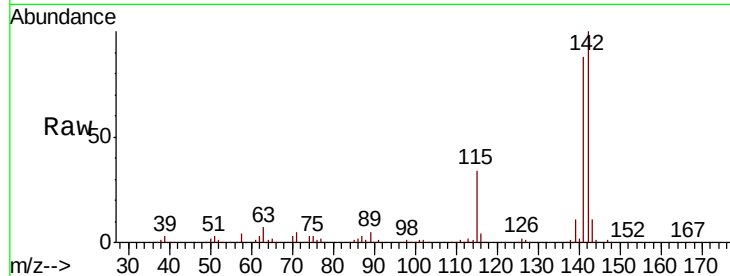
Tot Ion:142 Resp: 213485

Ion Ratio Lower Upper

142 100

141 88.4 70.3 105.5

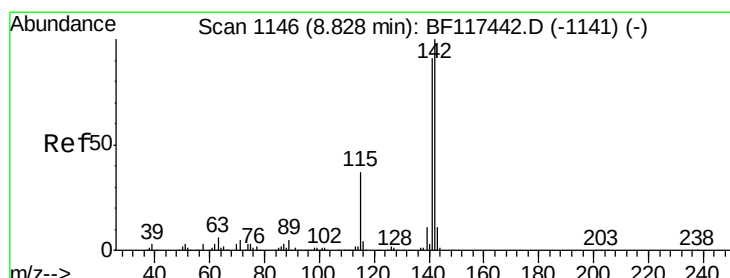
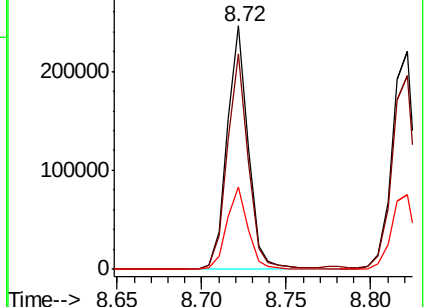
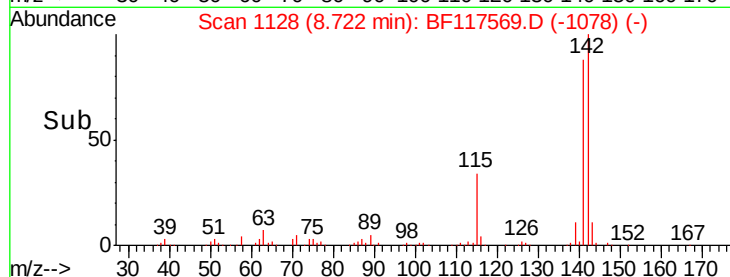
115 33.8 28.2 42.2



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: 40.119 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

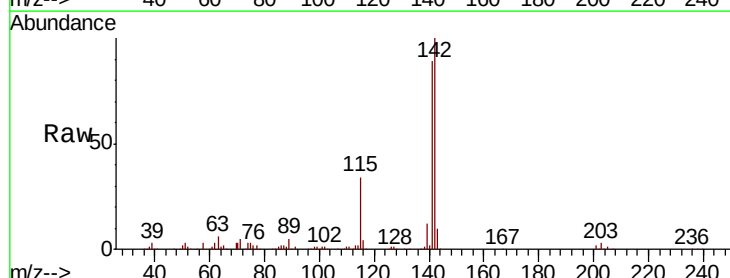
Tgt Ion:142 Resp: 201968

Ion Ratio Lower Upper

142 100

141 88.8 73.3 109.9

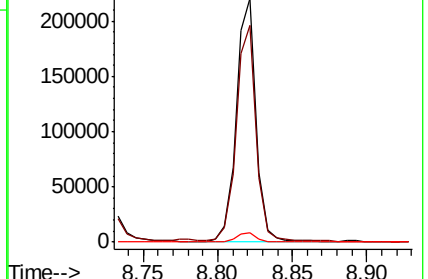
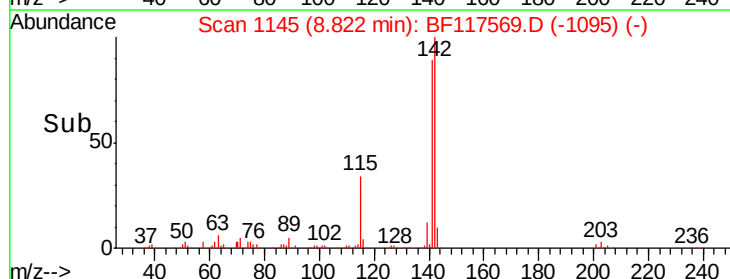
116 3.7 3.1 4.7

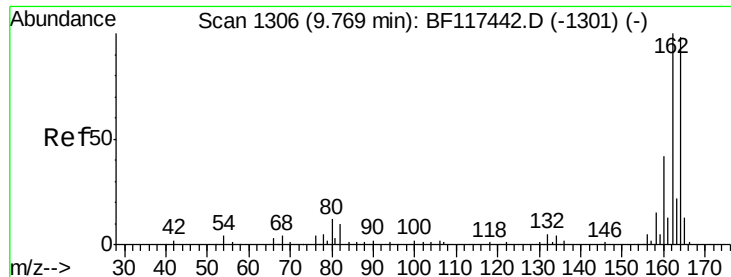


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

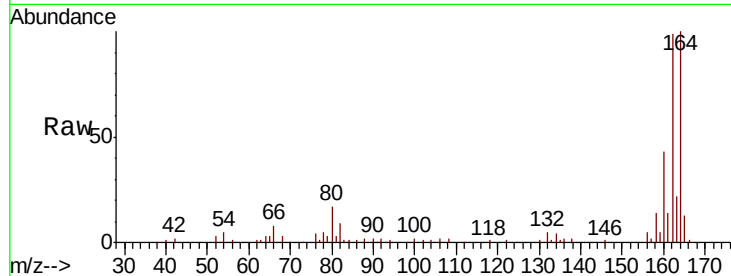




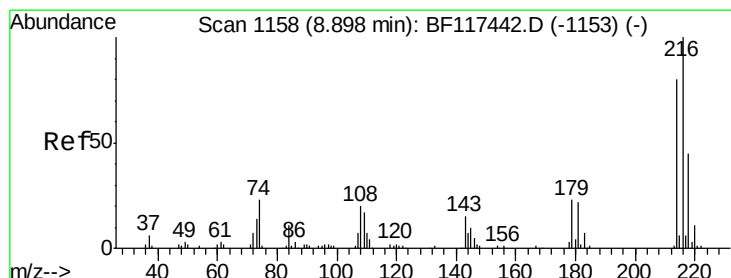
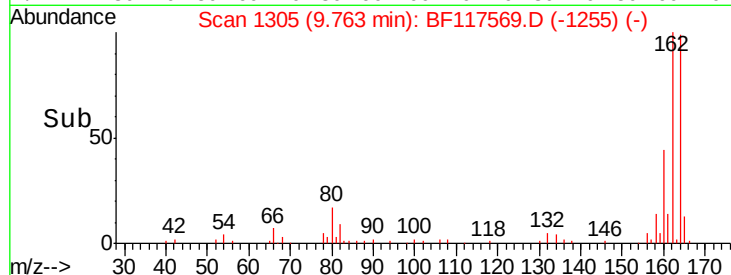
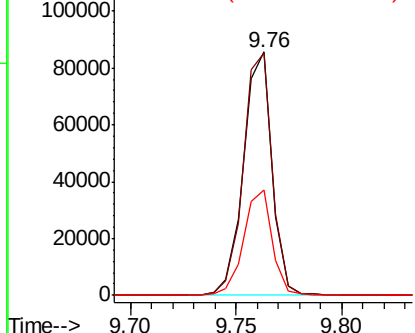
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_E
ClientSampled :

Tot Ion:164 Resp: 80151
Ion Ratio Lower Upper
164 100
162 99.3 81.8 122.6
160 43.4 34.4 51.6

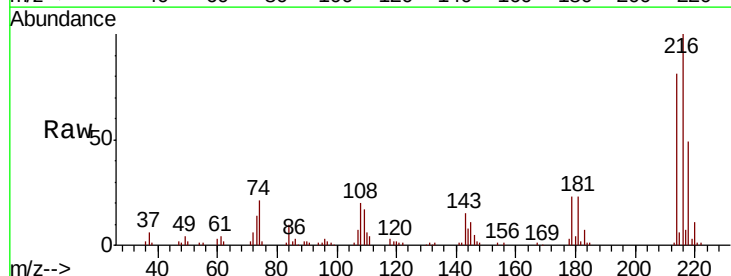


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

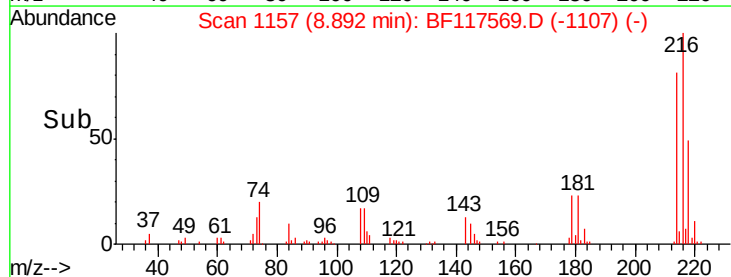
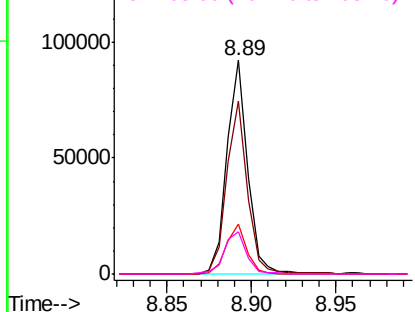


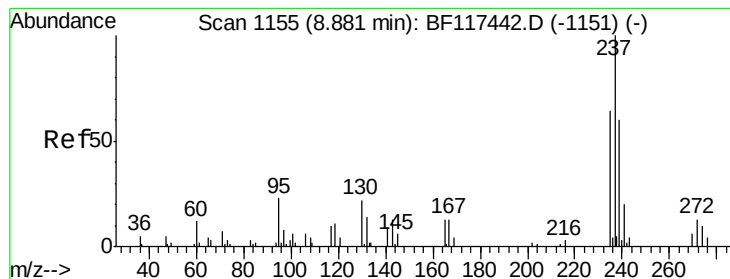
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.532 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:216 Resp: 78864
Ion Ratio Lower Upper
216 100
214 80.0 62.4 93.6
179 23.1 18.1 27.1
108 21.0 16.6 24.8



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: 23.447 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampled :

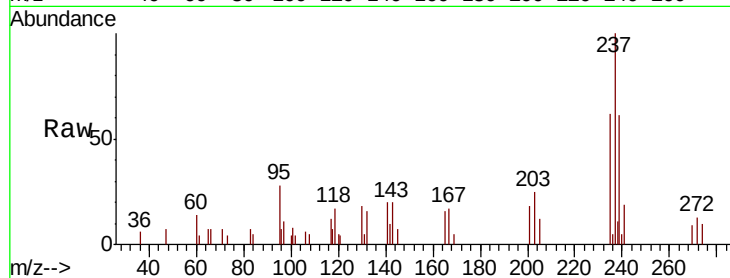
Tot Ion:237 Resp: 6711

Ion Ratio Lower Upper

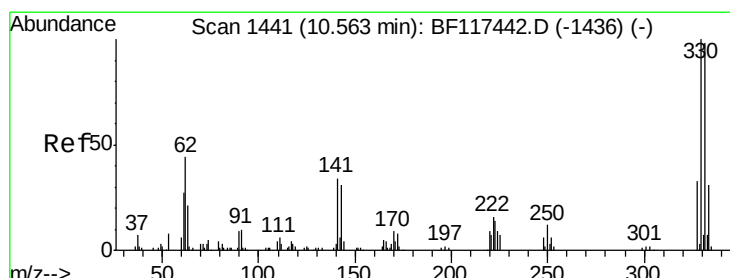
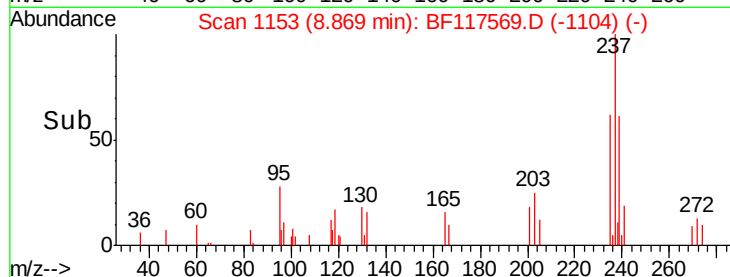
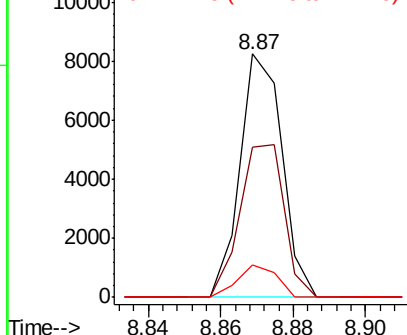
237 100

235 61.5 44.3 84.3

272 13.4 0.0 33.2



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: 79.084 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

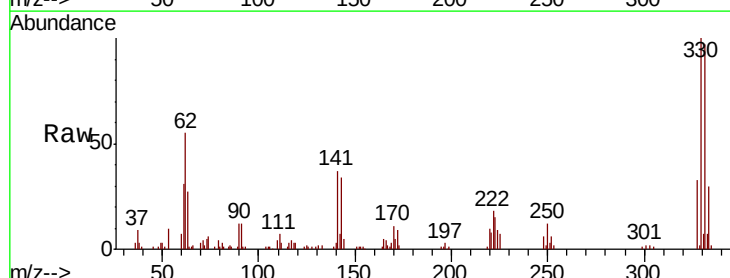
Tgt Ion:330 Resp: 54846

Ion Ratio Lower Upper

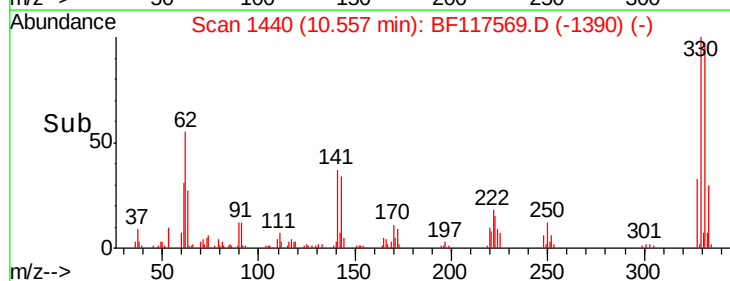
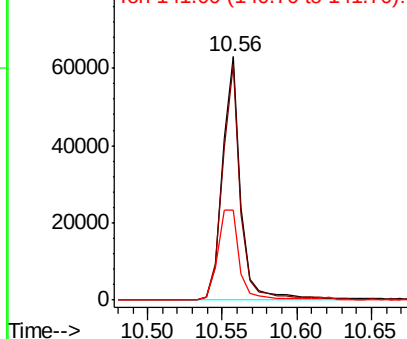
330 100

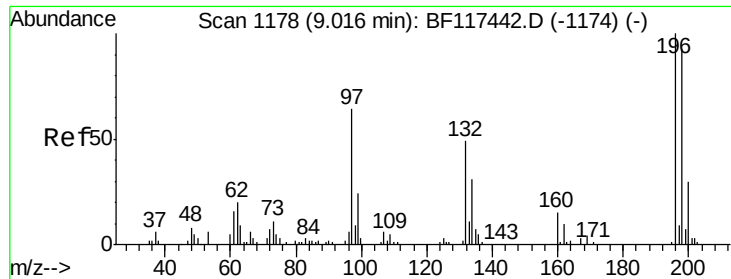
332 95.9 78.5 117.7

141 43.4 37.0 55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

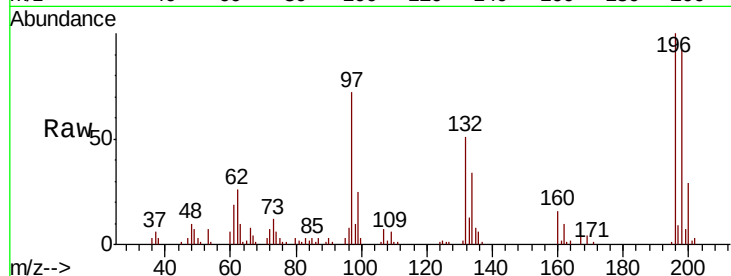




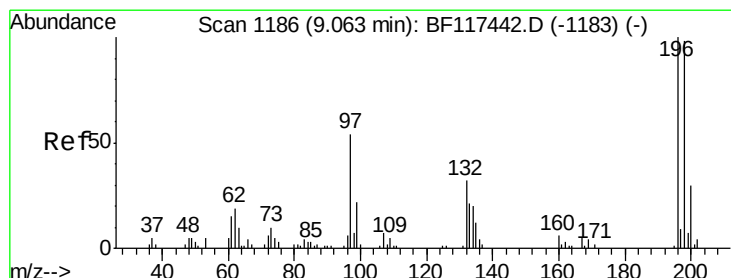
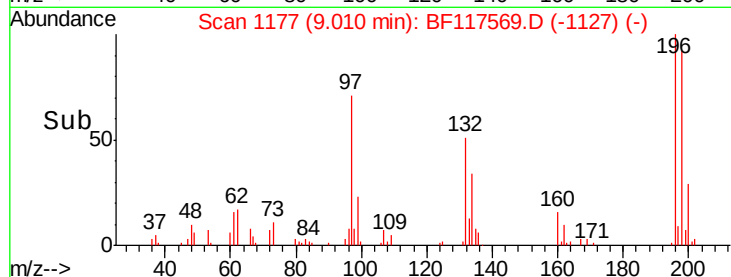
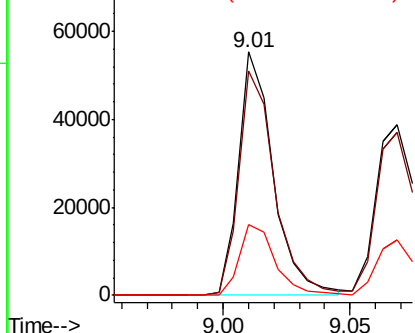
#43
 2,4,6-Trichlorophenol
 Concen: 39.054 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:196	Resp:	52797
Ion Ratio	Lower	Upper
196	100	
198	92.1	74.1 111.1
200	29.1	23.9 35.9

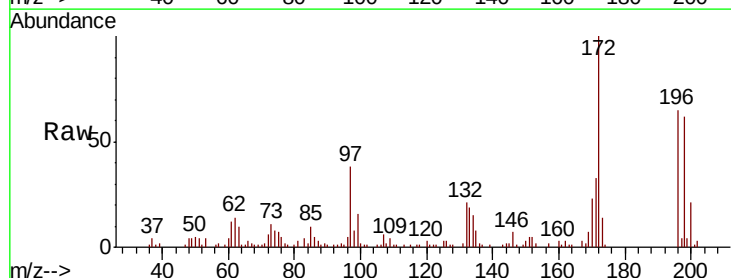


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

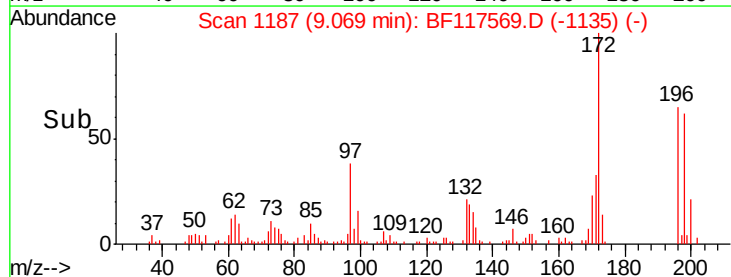
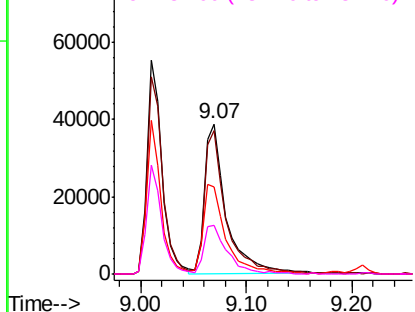


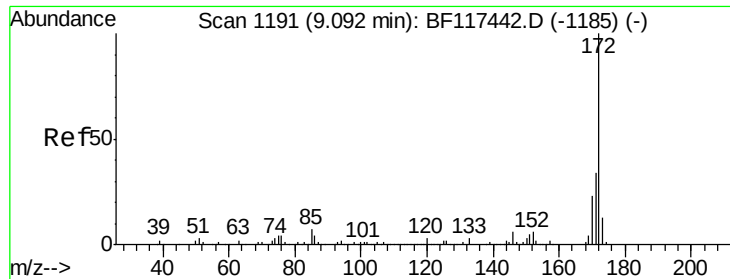
#44
 2,4,5-Trichlorophenol
 Concen: 40.304 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion:196	Resp:	55212
Ion Ratio	Lower	Upper
196	100	
198	95.2	78.6 117.8
97	58.3	43.4 65.2
132	32.4	26.0 39.0



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

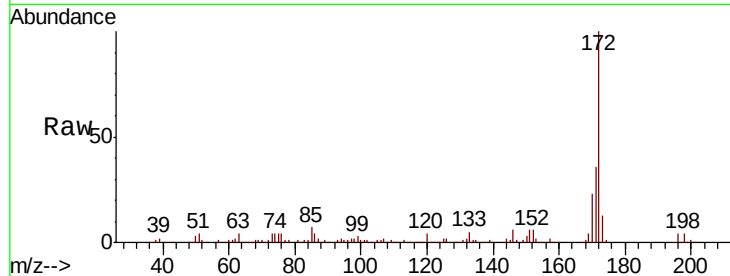




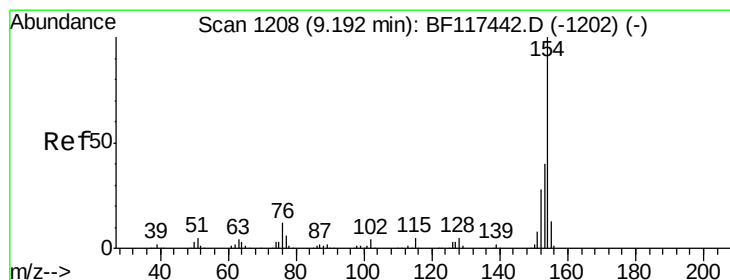
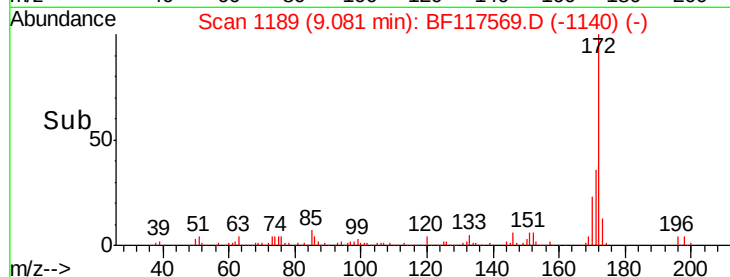
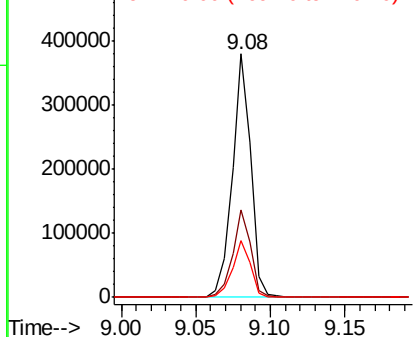
#45
2-Fluorobiphenyl
Concen: 58.372 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 332050
Ion Ratio Lower Upper
172 100
171 35.9 27.5 41.3
170 23.3 18.6 27.8

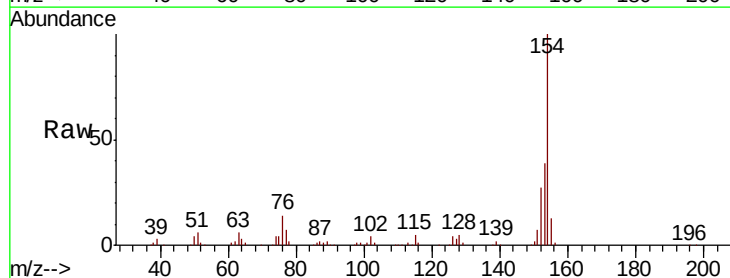


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

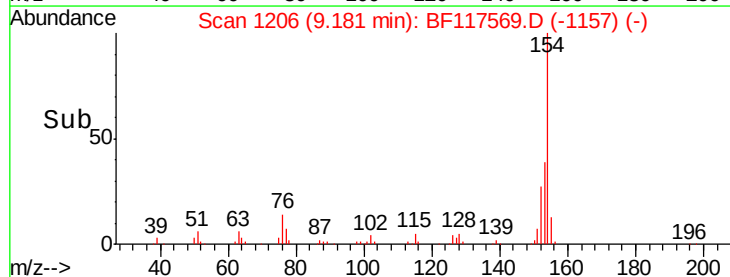
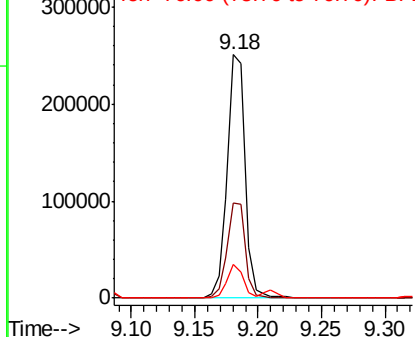


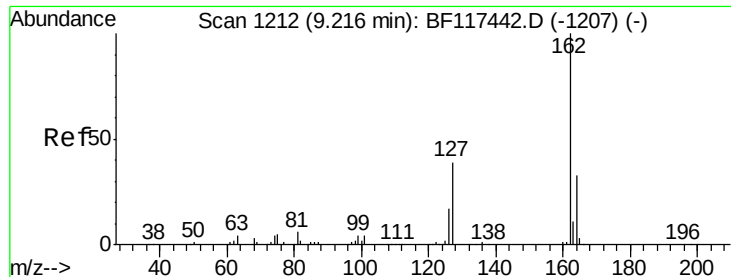
#46
1,1'-Biphenyl
Concen: 36.909 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:154 Resp: 244908
Ion Ratio Lower Upper
154 100
153 39.0 20.2 60.2
76 14.0 0.0 32.1



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

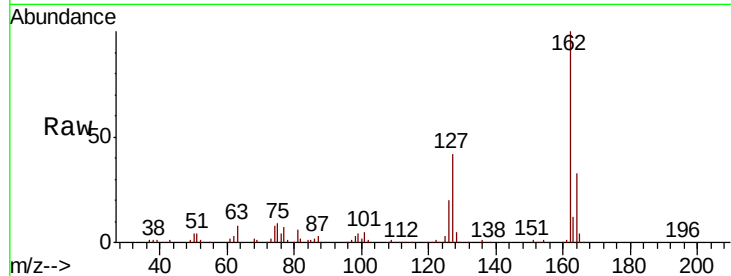




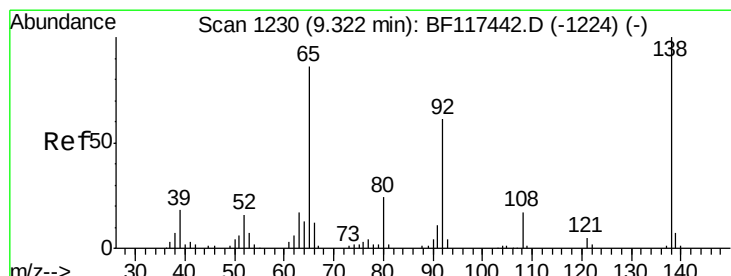
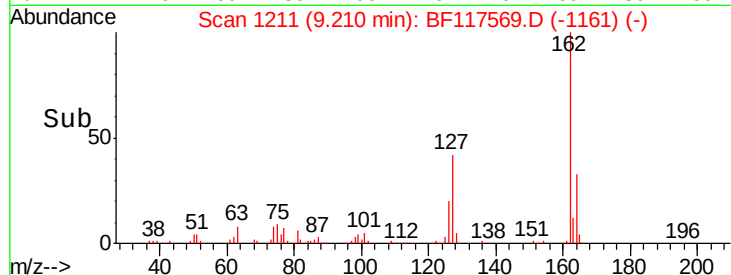
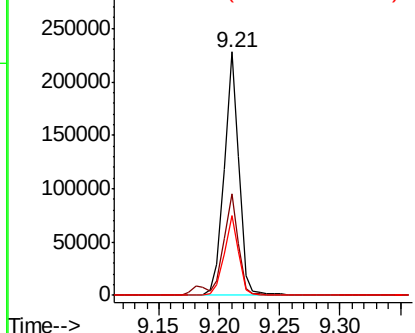
#47
 2-Chloronaphthalene
 Concen: 38.269 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	34.2	51.4
164	32.8	26.4	39.6

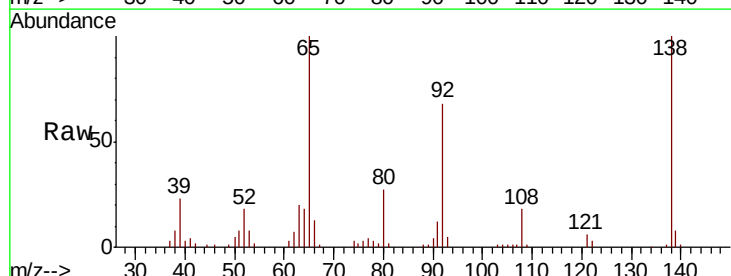


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

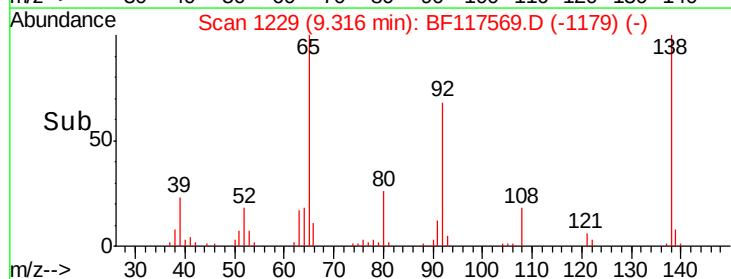
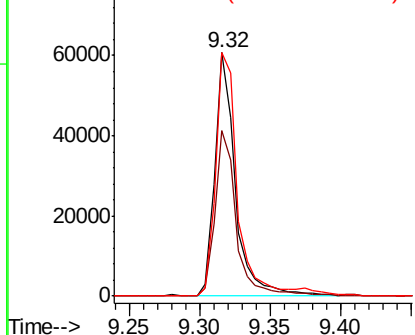


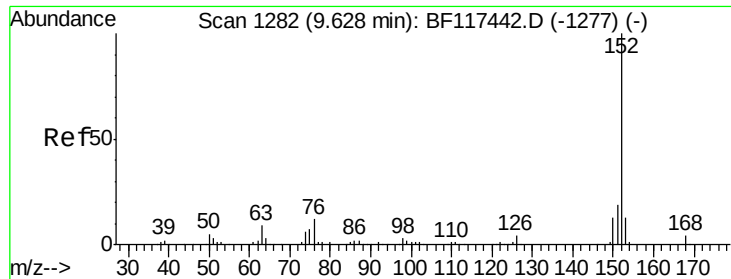
#48
 2-Nitroaniline
 Concen: 37.524 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	57.3	85.9
138	100.1	93.3	139.9



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: 40.193 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

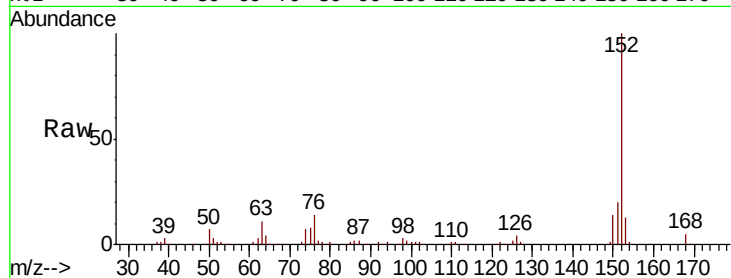
Tot Ion:152 Resp: 295359

Ion Ratio Lower Upper

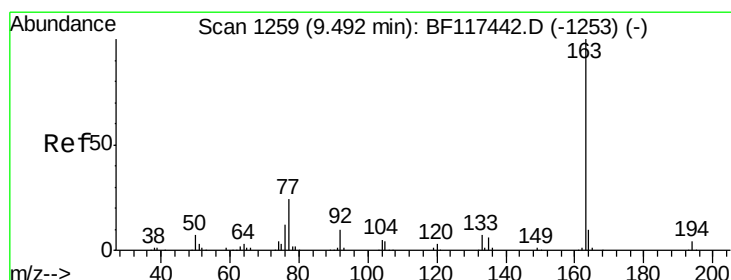
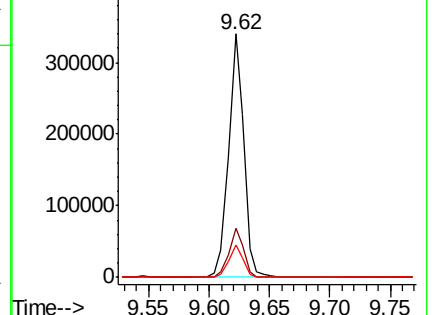
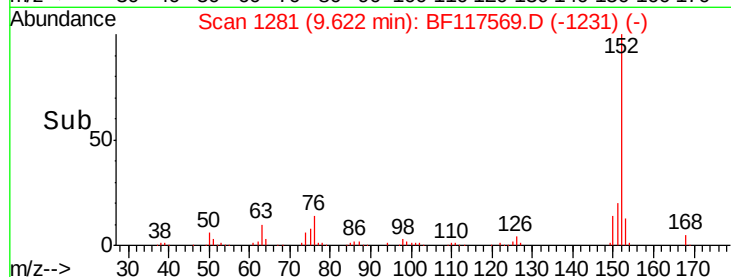
152 100

151 20.1 15.4 23.0

153 13.1 10.3 15.5



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: 45.995 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

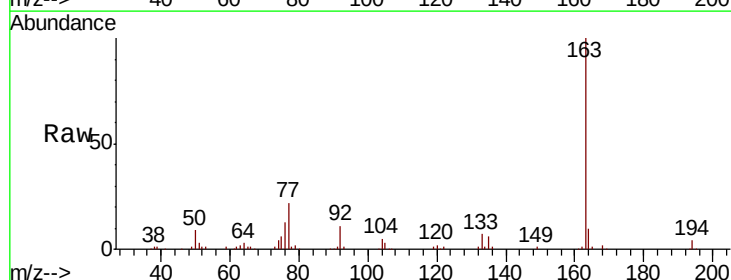
Tgt Ion:163 Resp: 262811

Ion Ratio Lower Upper

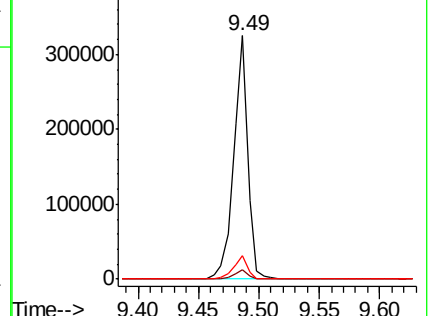
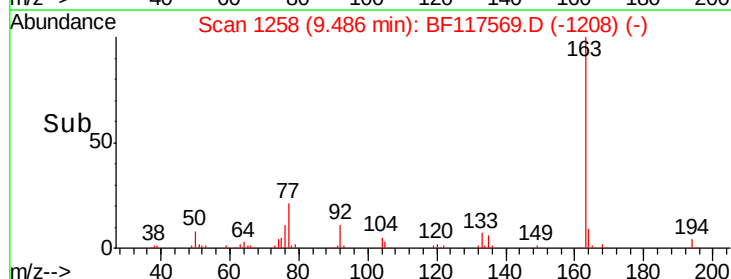
163 100

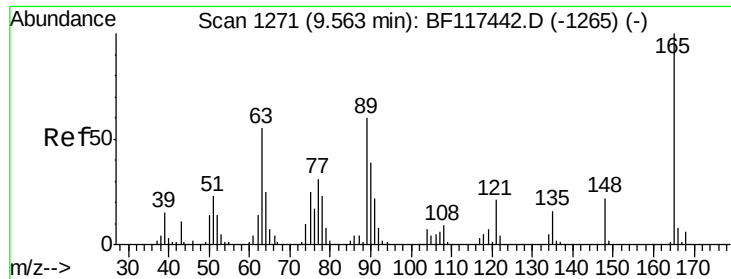
194 3.7 2.9 4.3

164 9.6 8.2 12.2



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

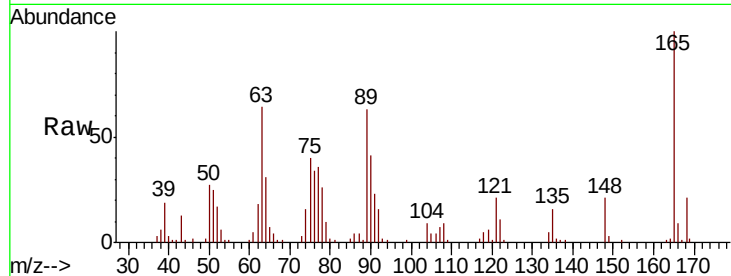




#51
2,6-Dinitrotoluene
Concen: 38.310 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.5	43.8	65.8
89	62.7	47.6	71.4

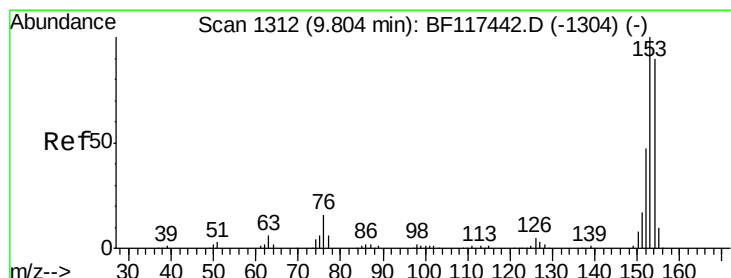
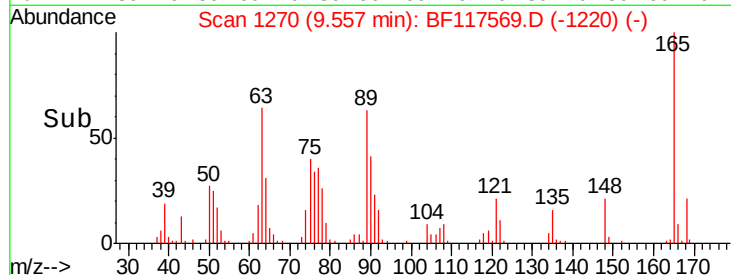
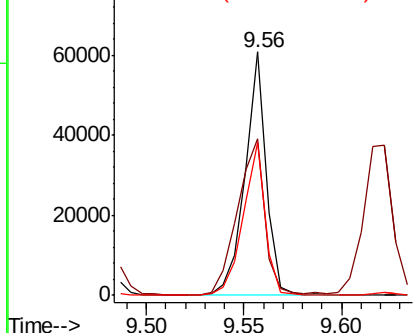


Abundance

Ion 165.00 (164.70 to 165.70): E

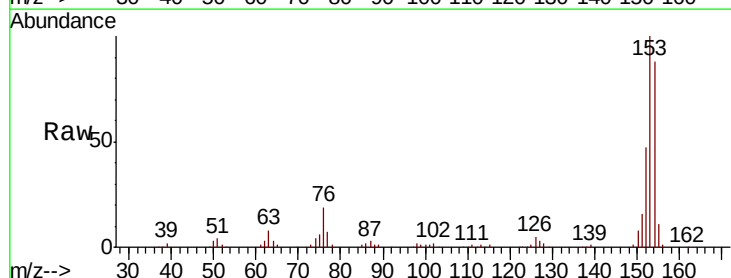
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 38.464 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.2	133.8
152	53.6	41.8	62.6

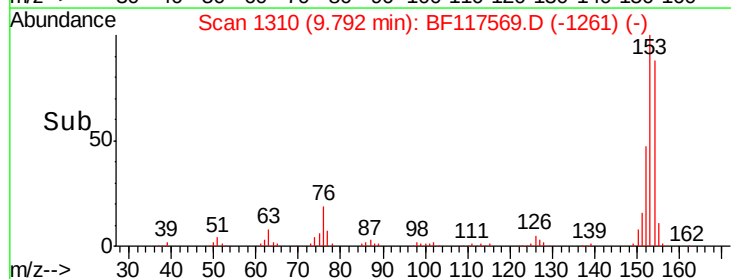
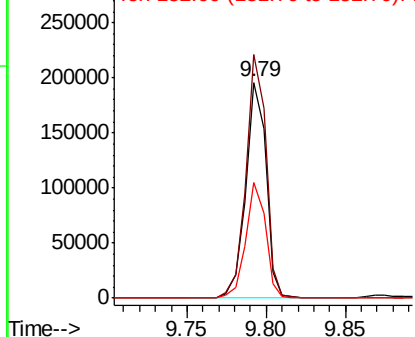


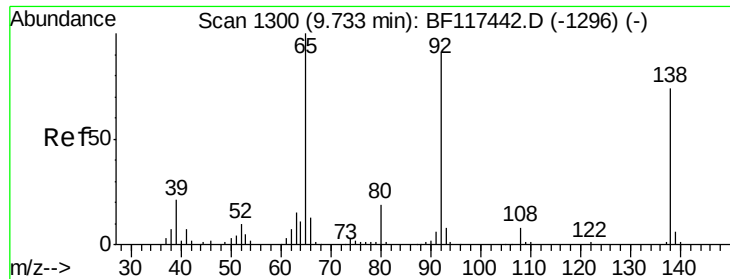
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

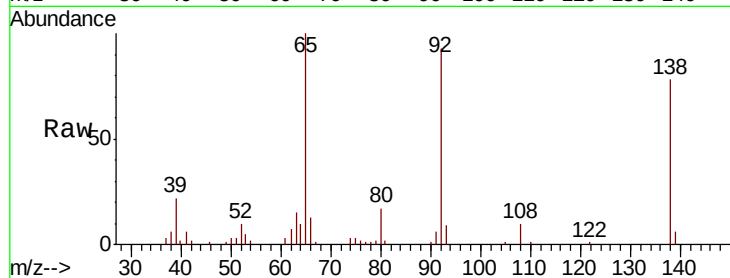




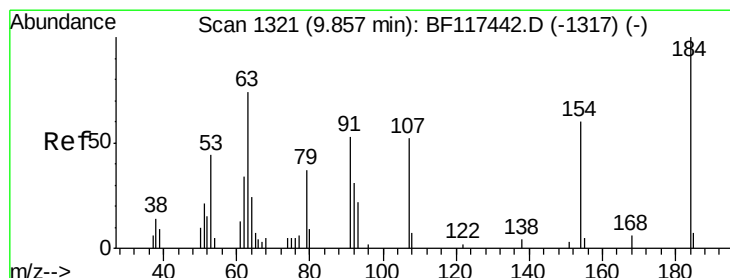
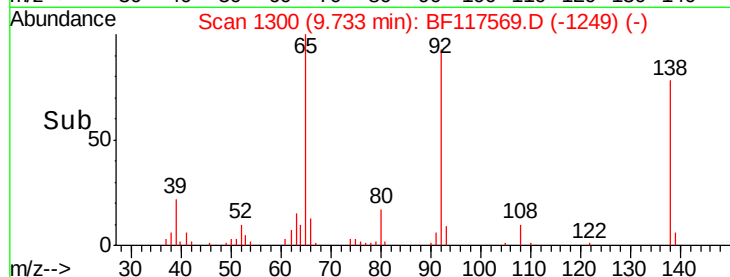
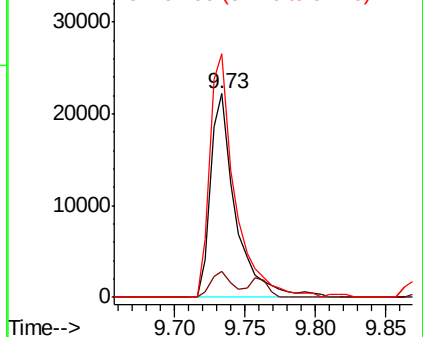
#53
 3-Nitroaniline
 Concen: 18.894 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:138 Resp: 27334
 Ion Ratio Lower Upper
 138 100
 108 12.9 8.7 13.1
 92 119.5 98.4 147.6

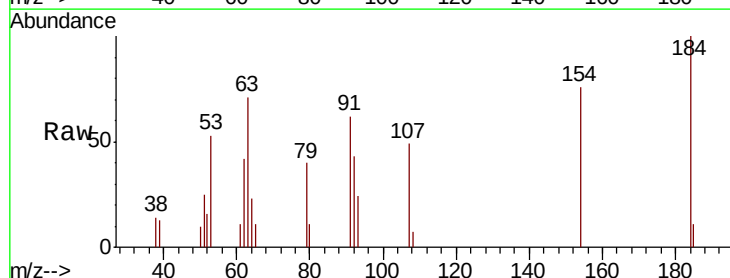


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

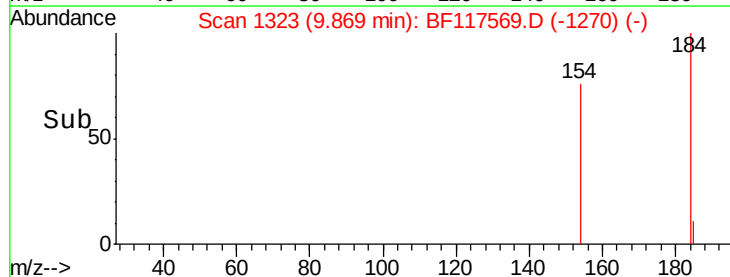
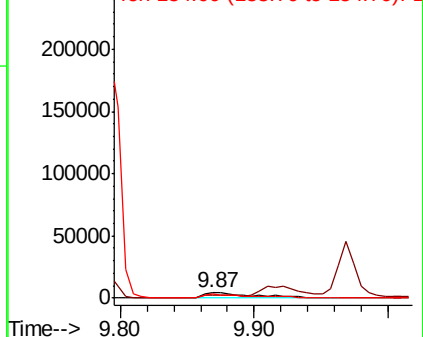


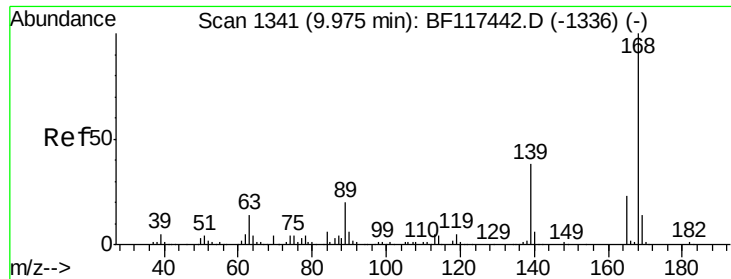
#54
 2,4-Dinitrophenol
 Concen: 26.517 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion:184 Resp: 11506
 Ion Ratio Lower Upper
 184 100
 63 70.6 59.2 88.8
 154 76.3 53.4 80.0



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

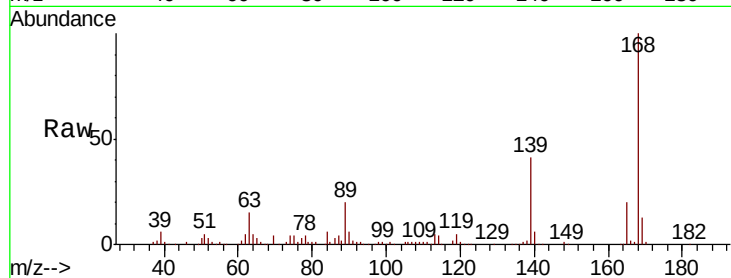




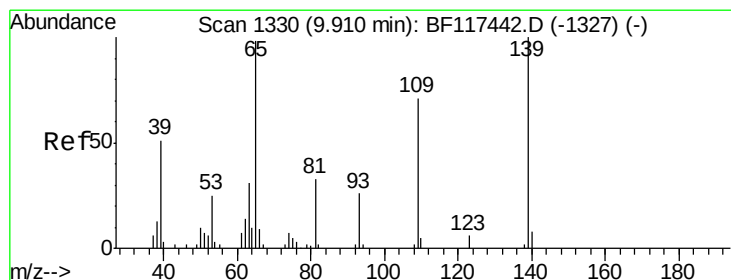
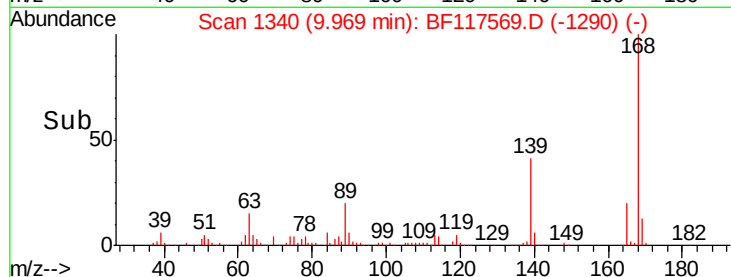
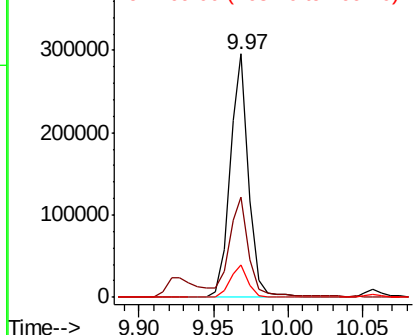
#55
Dibenzenofuran
Concen: 39.625 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:168 Resp: 258828
Ion Ratio Lower Upper
168 100
139 41.0 31.8 47.6
169 13.3 11.2 16.8

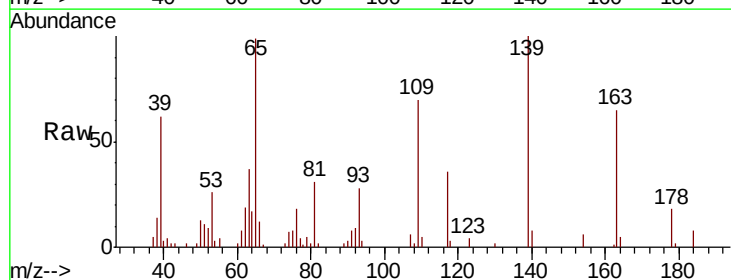


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

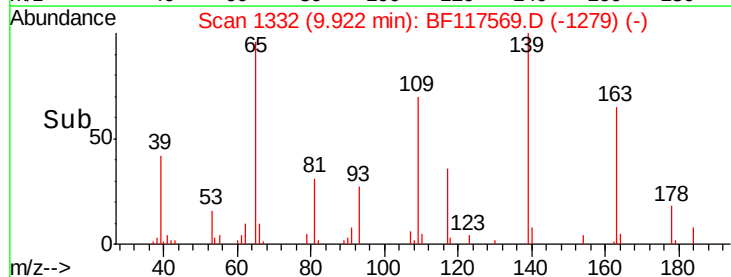
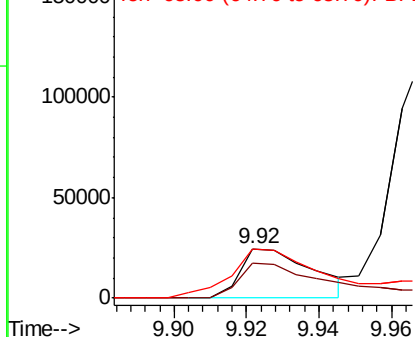


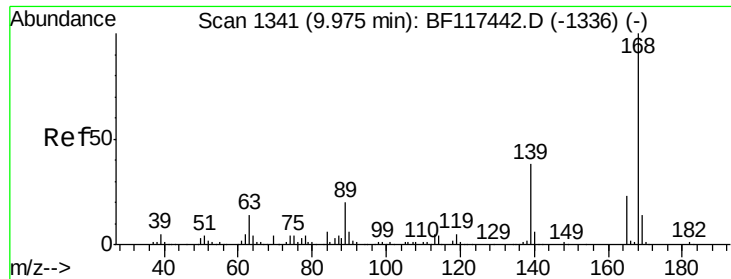
#56
4-Nitrophenol
Concen: 52.380 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:139 Resp: 33881
Ion Ratio Lower Upper
139 100
109 70.0 51.4 91.4
65 99.3 79.4 119.4



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

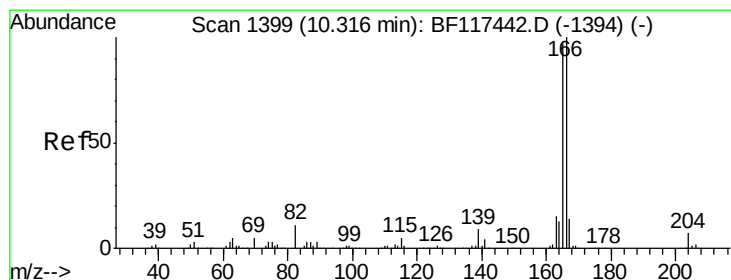
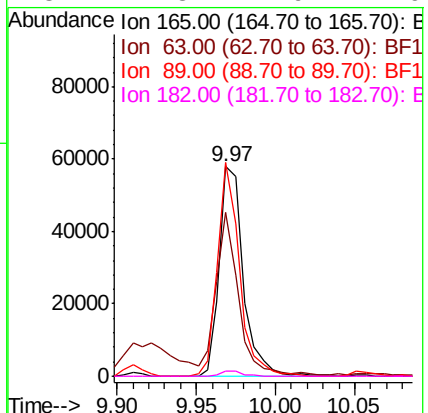
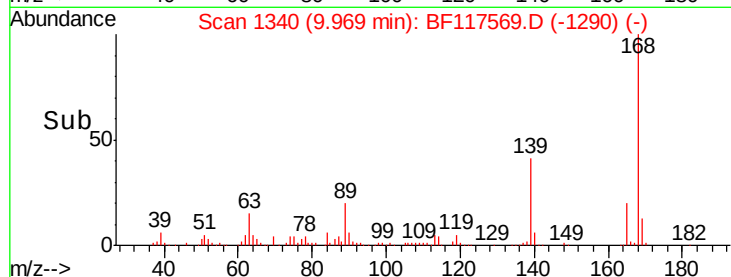
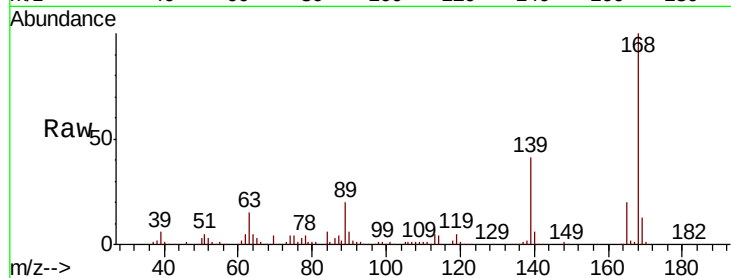




#57
2,4-Dinitrotoluene
Concen: 38.486 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

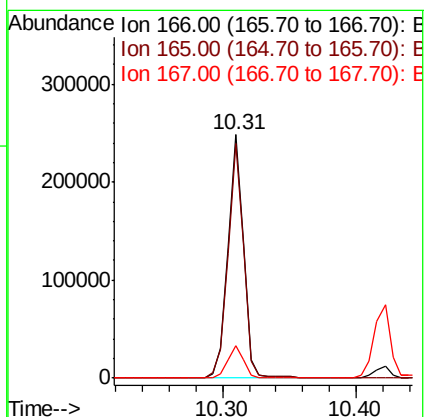
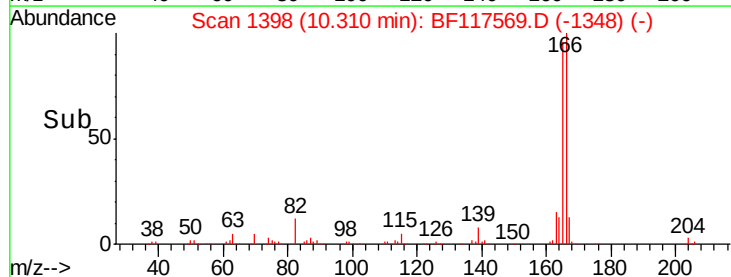
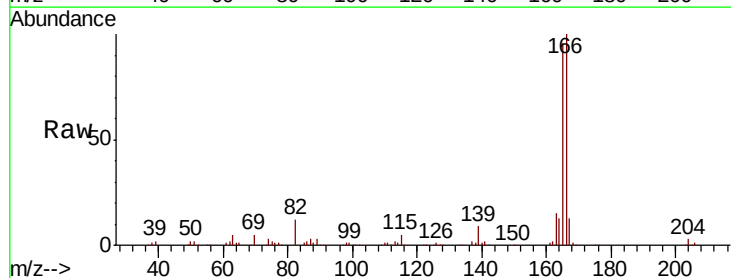
Instrument :
BNA_E
ClientSampleId :

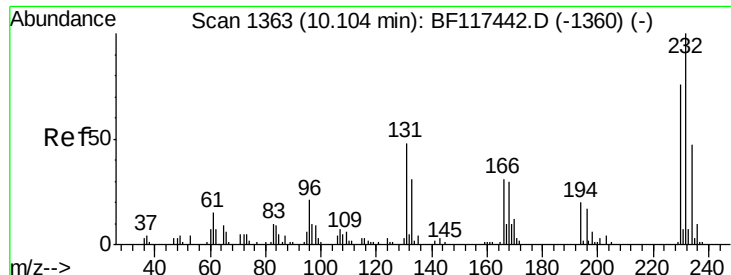
Tot Ion:165 Resp: 61011
Ion Ratio Lower Upper
165 100
63 78.4 51.4 77.0#
89 101.9 69.9 104.9
182 2.3 1.9 2.9



#58
Fluorene
Concen: 38.302 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:166 Resp: 206894
Ion Ratio Lower Upper
166 100
165 96.3 77.6 116.4
167 13.2 11.0 16.4

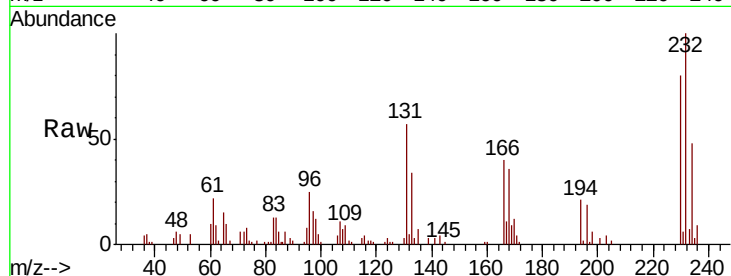




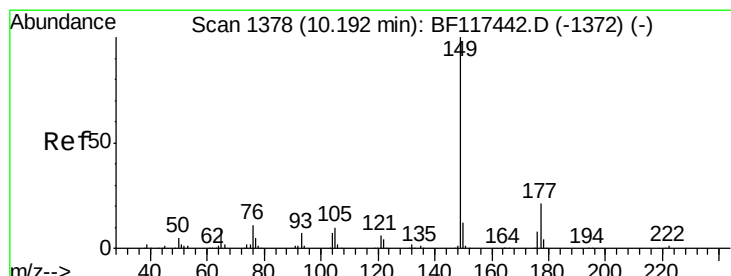
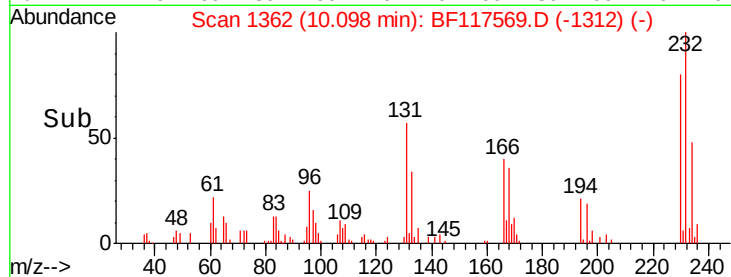
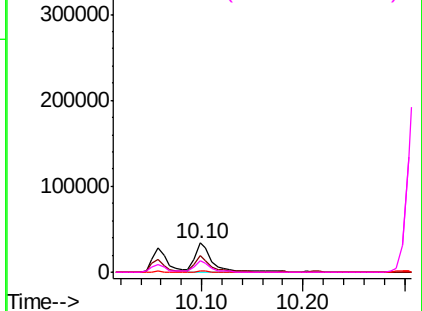
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.405 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	57.5	42.6	63.8
130	2.5	2.2	3.4
166	37.7	27.5	41.3

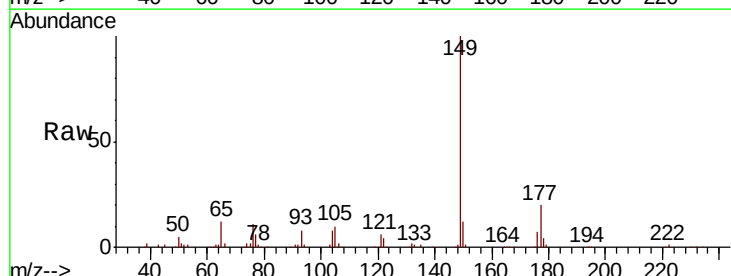


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

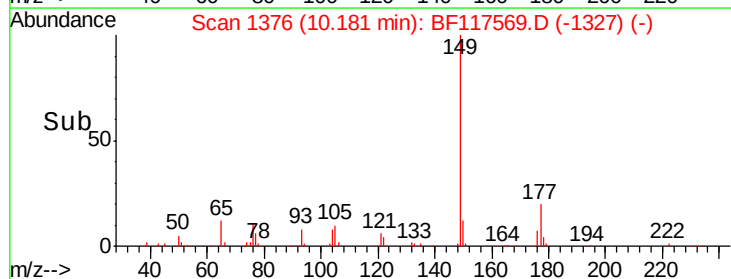
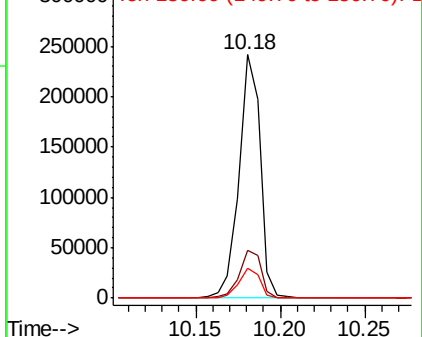


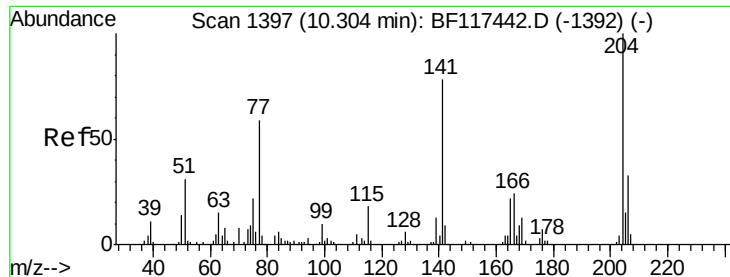
#60
 Diethylphthalate
 Concen: 36.569 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.7	17.0	25.4
150	12.3	9.8	14.6



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

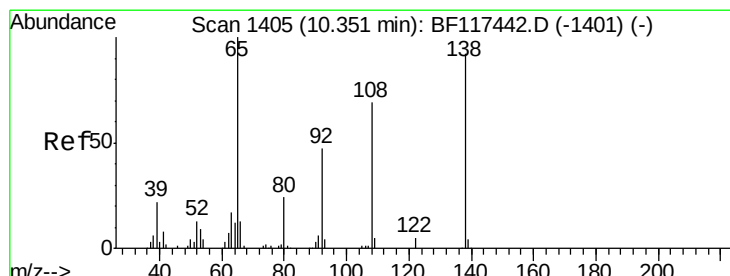
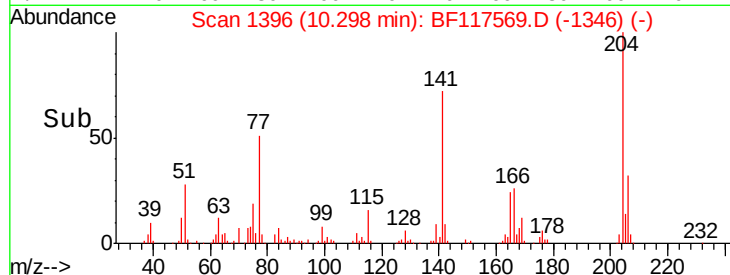
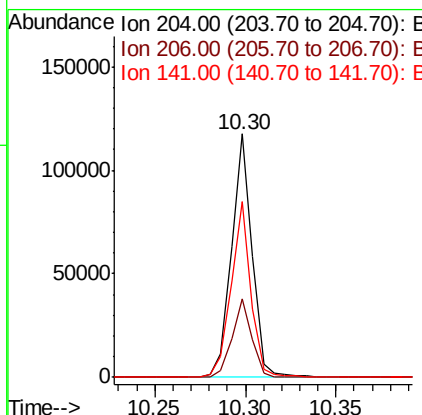
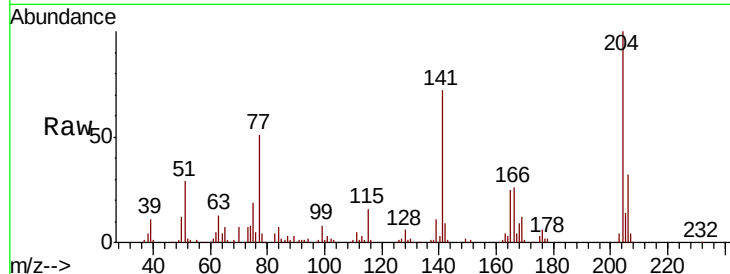




#61
 4-Chlorophenyl-phenylether
 Concen: 38.370 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

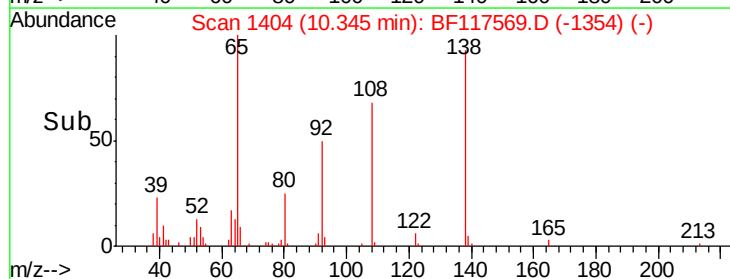
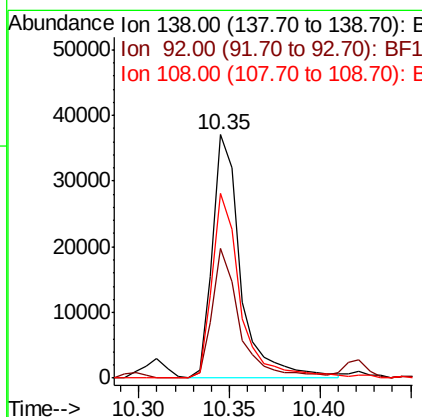
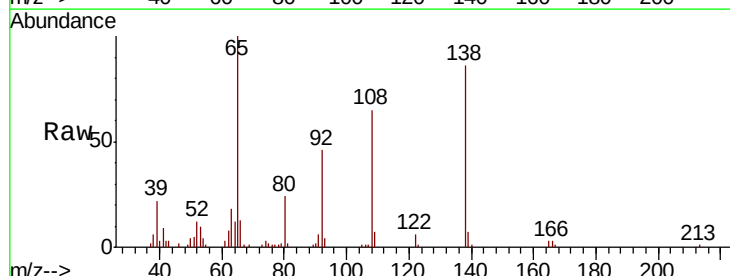
Instrument :
 BNA_E
 ClientSampleId :

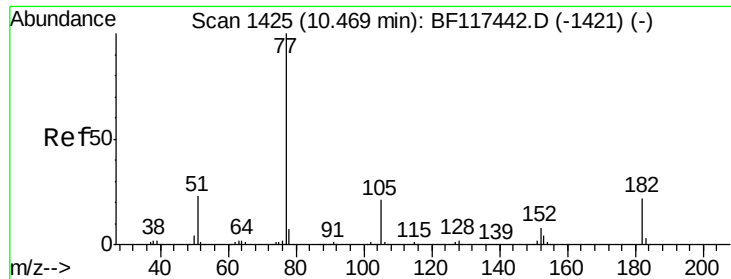
Tot Ion:	204	Resp:	92989
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	72.4	62.2	93.4



#62
 4-Nitroaniline
 Concen: 29.811 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion:	138	Resp:	40651
Ion	Ratio	Lower	Upper
138	100		
92	53.1	30.3	70.3
108	75.7	54.9	94.9





#63

Azobenzene

Concen: 38.770 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 77 Resp: 229374

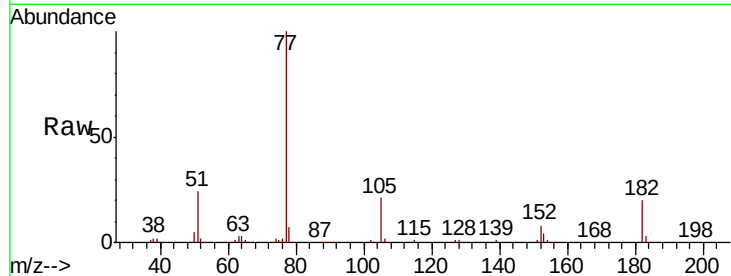
Ion Ratio Lower Upper

77 100

182 19.9 2.3 42.3

105 21.1 1.3 41.3

51 23.9 3.5 43.5

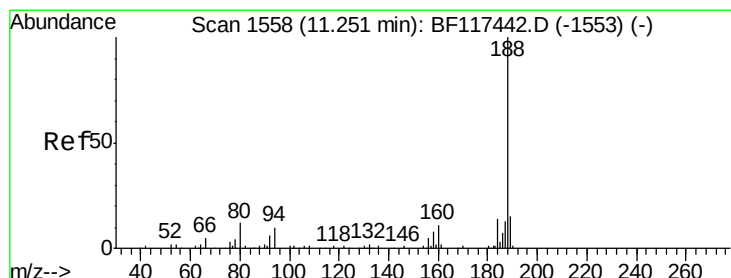
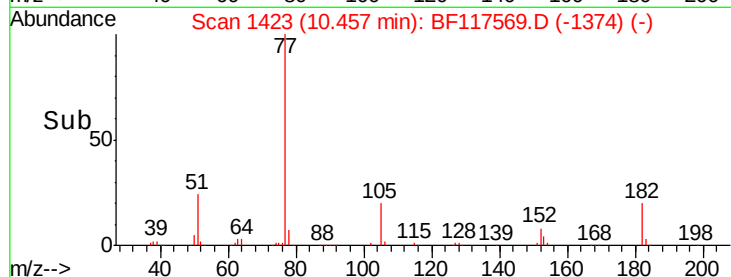
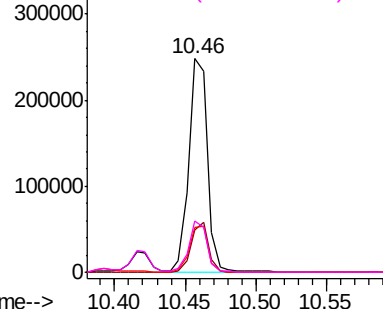


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

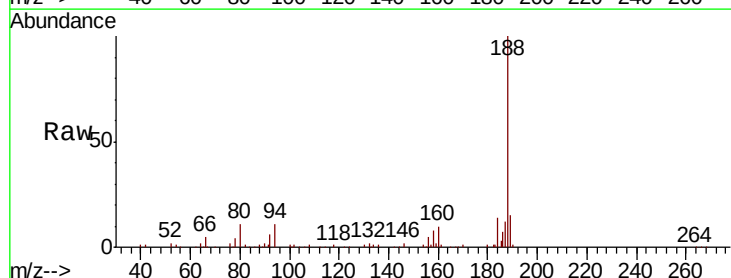
Tgt Ion: 188 Resp: 123714

Ion Ratio Lower Upper

188 100

94 10.7 8.0 12.0

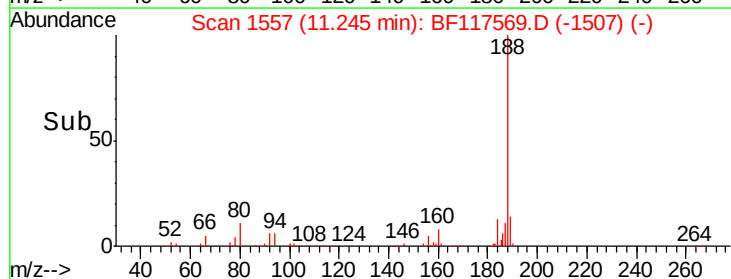
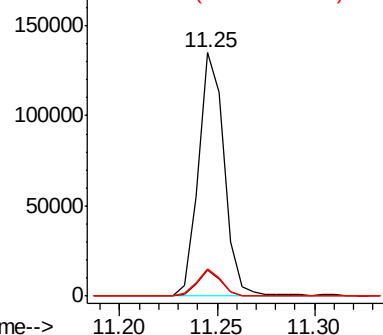
80 11.4 9.5 14.3

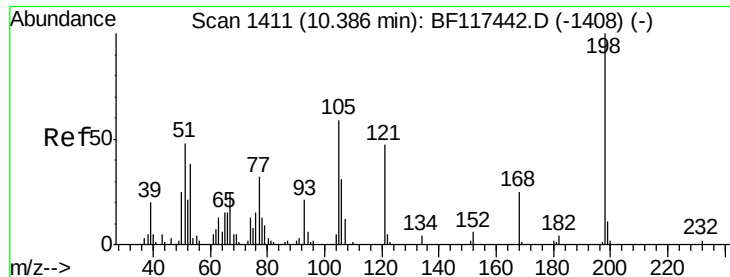


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

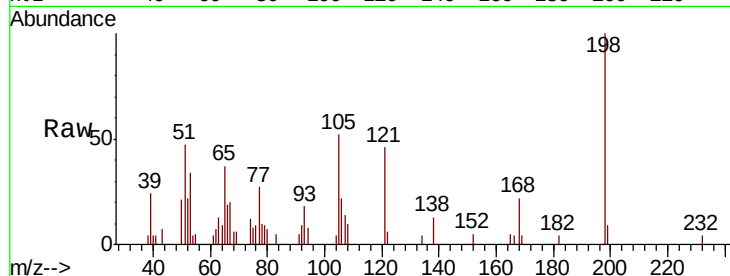




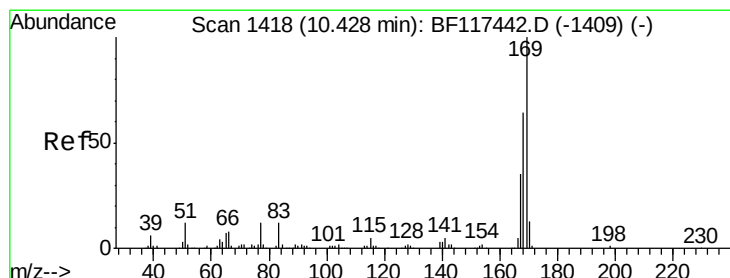
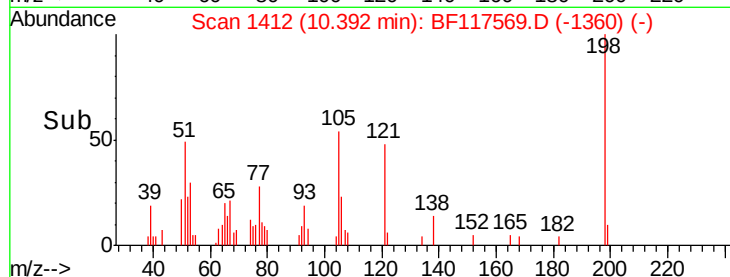
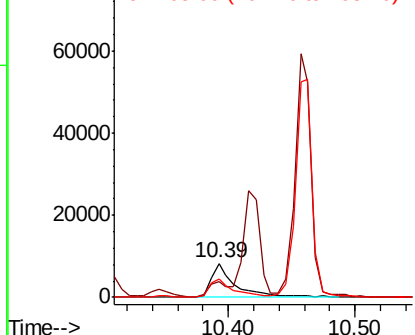
#65
4,6-Dinitro-2-methylphenol
Concen: 17.542 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_E
ClientSampled :

Tot Ion:198 Resp: 11034
Ion Ratio Lower Upper
198 100
51 47.3 29.1 69.1
105 51.9 39.4 79.4

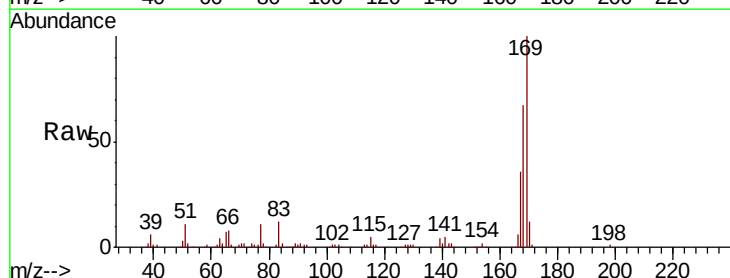


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

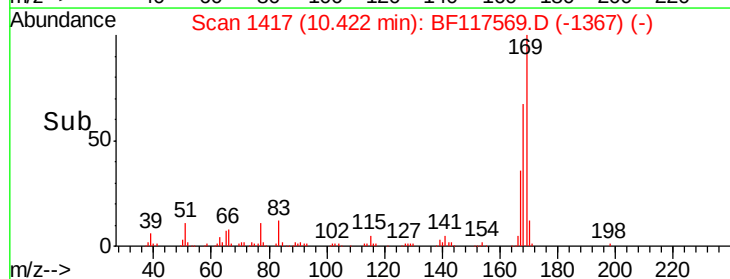
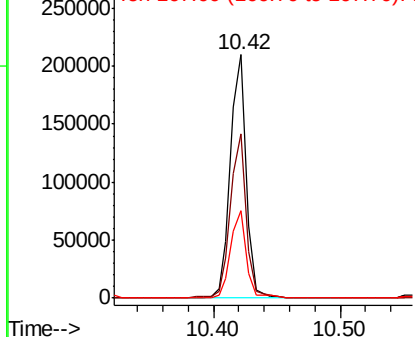


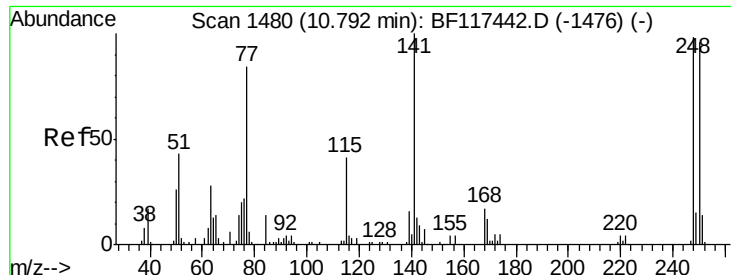
#66
n-Nitrosodiphenylamine
Concen: 39.885 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:169 Resp: 180391
Ion Ratio Lower Upper
169 100
168 67.4 51.3 76.9
167 35.8 28.2 42.4



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

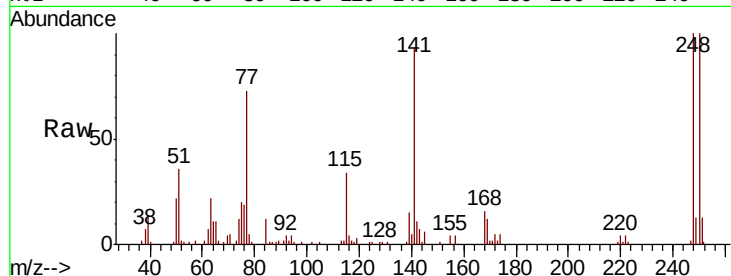




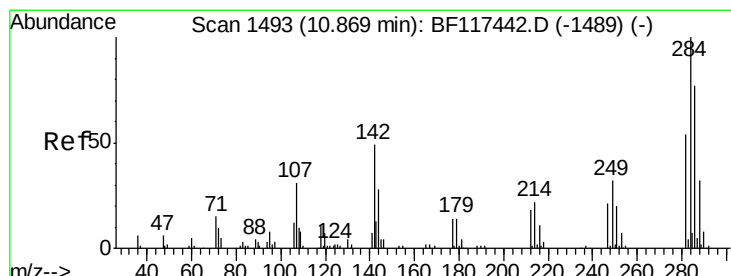
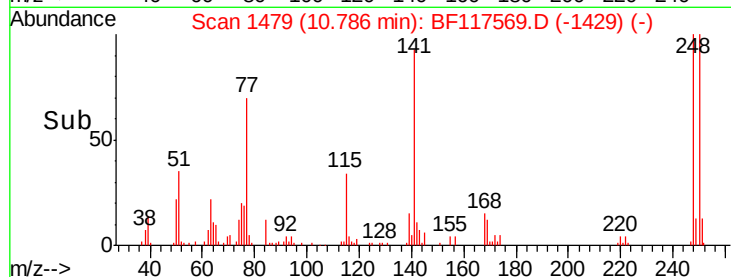
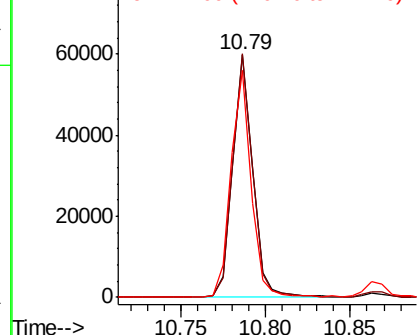
#67
 4-Bromophenyl-phenylether
 Concen: 37.116 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:248 Resp: 49459
 Ion Ratio Lower Upper
 248 100
 250 100.3 78.0 117.0
 141 93.7 81.7 122.5

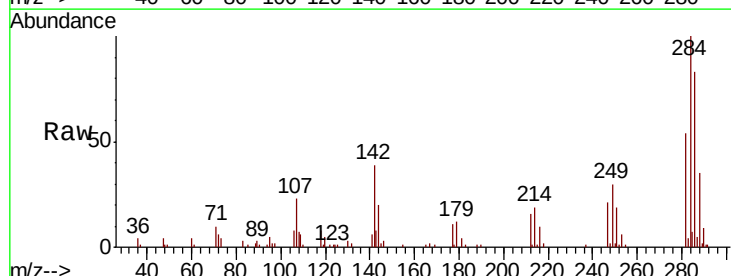


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

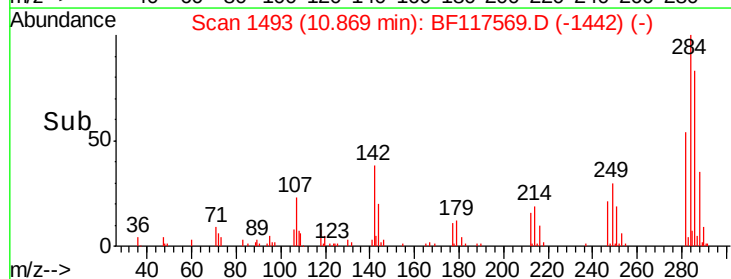
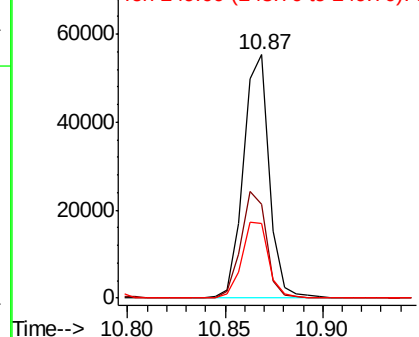


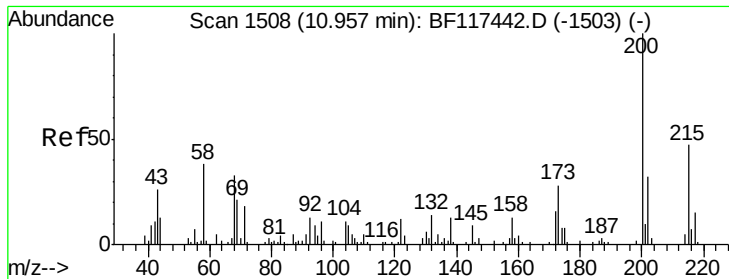
#68
 Hexachlorobenzene
 Concen: 35.590 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion:284 Resp: 50790
 Ion Ratio Lower Upper
 284 100
 142 38.8 39.0 58.6#
 249 30.5 25.7 38.5



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

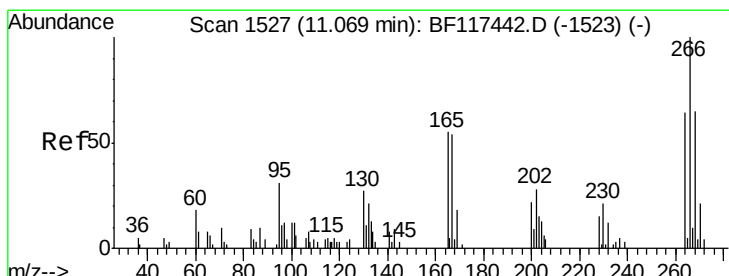
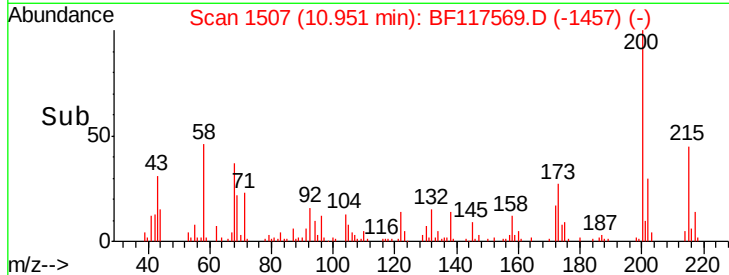
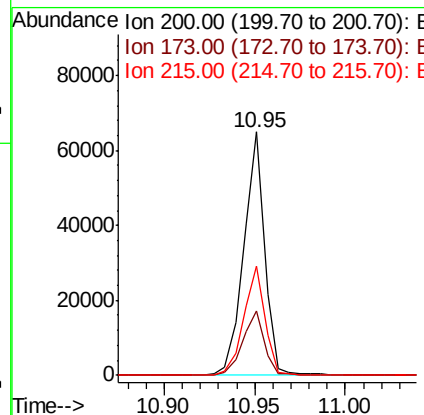
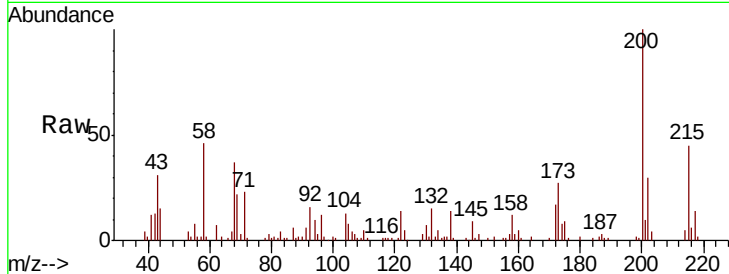




#69
Atrazine
Concen: 45.183 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

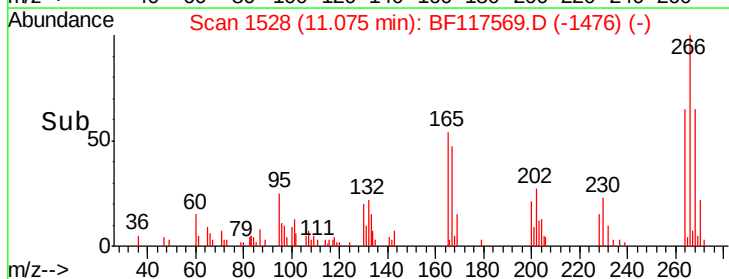
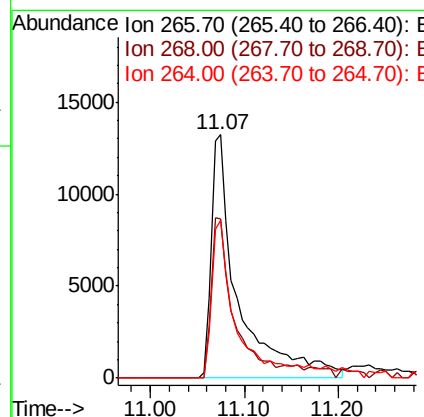
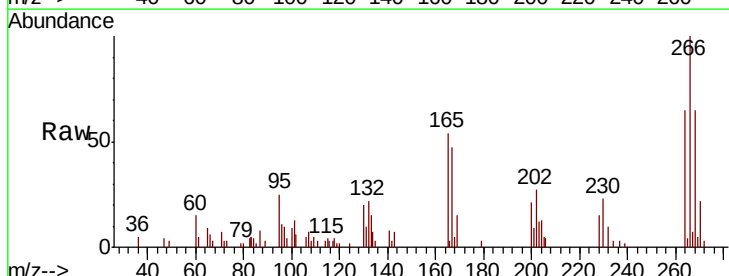
Instrument :
BNA_E
ClientSampled :

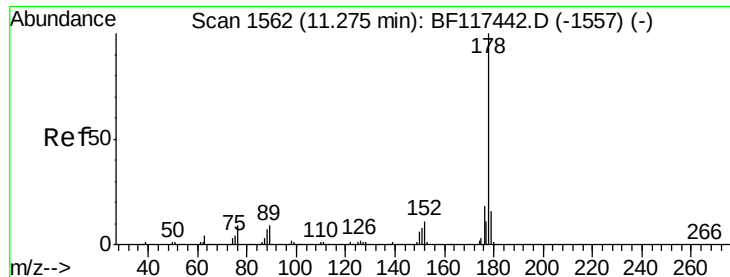
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	8.2	48.2
215	44.7	26.8	66.8



#70
Pentachlorophenol
Concen: 61.807 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.6	77.4
264	65.0	51.4	77.2

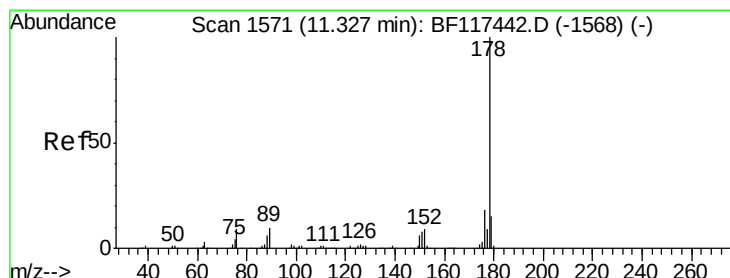
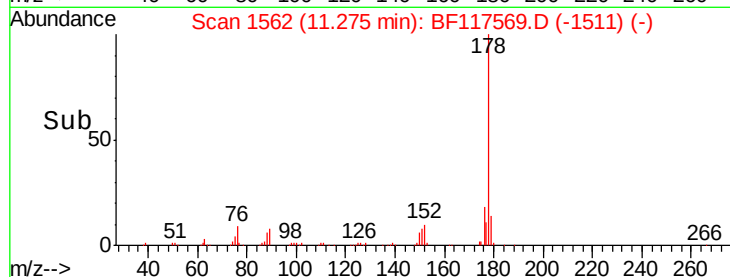
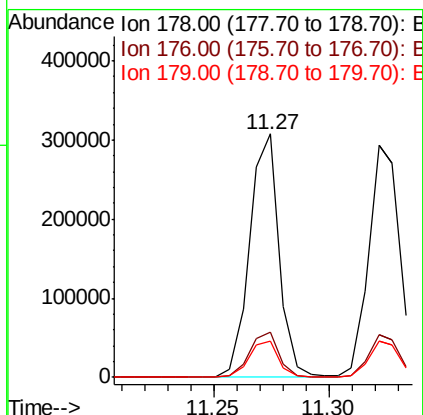
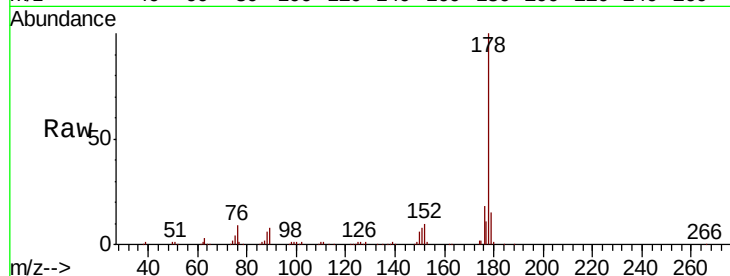




#71
Phenanthrene
Concen: 38.464 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

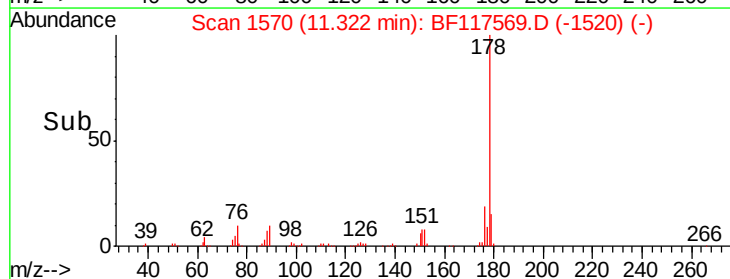
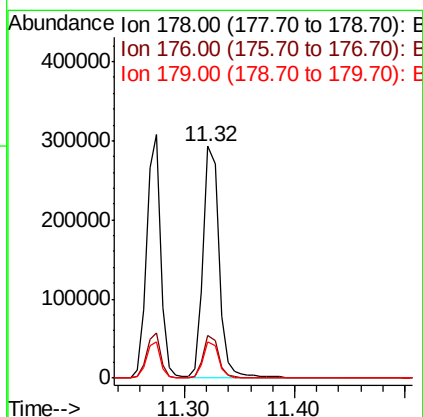
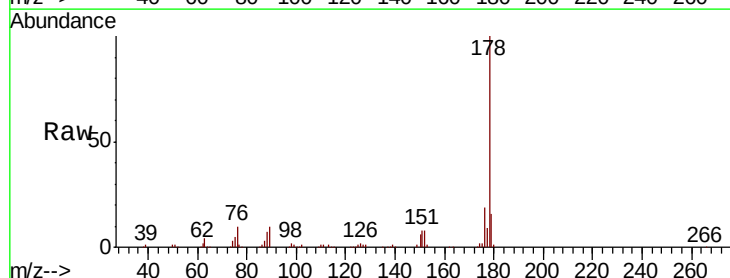
Instrument :
BNA_E
ClientSampleId :

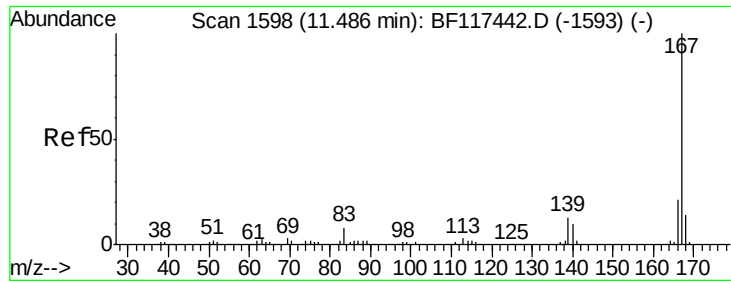
Tot Ion:178 Resp: 276308
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 14.9 12.6 19.0



#72
Anthracene
Concen: 39.161 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:178 Resp: 288650
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.2 18.2

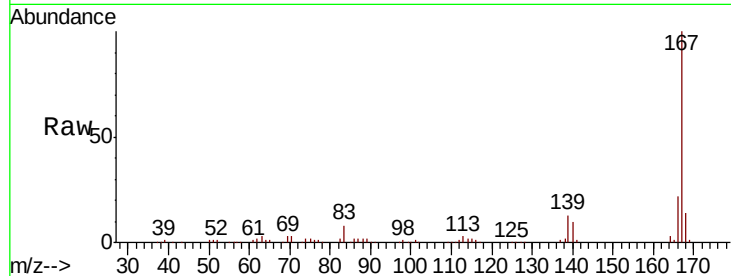




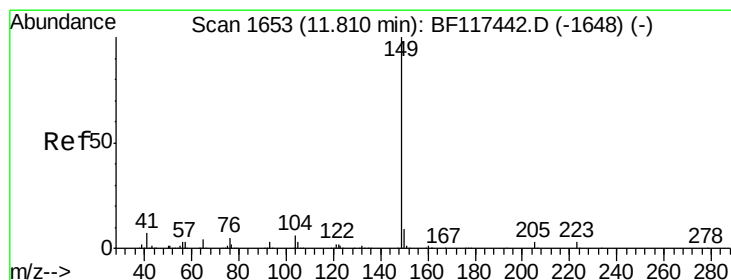
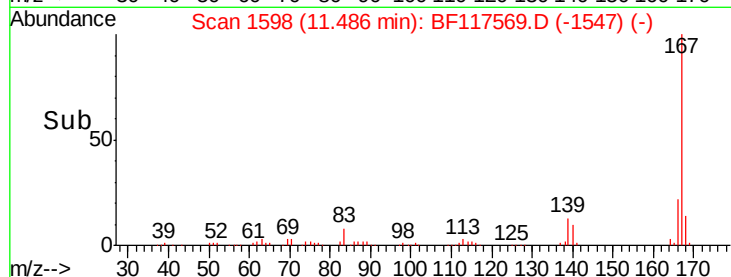
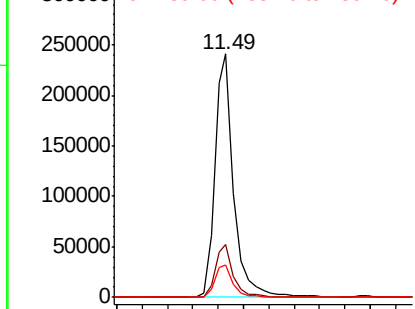
#73
 Carbazole
 Concen: 37.309 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:167 Resp: 251314
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.3 10.6 16.0

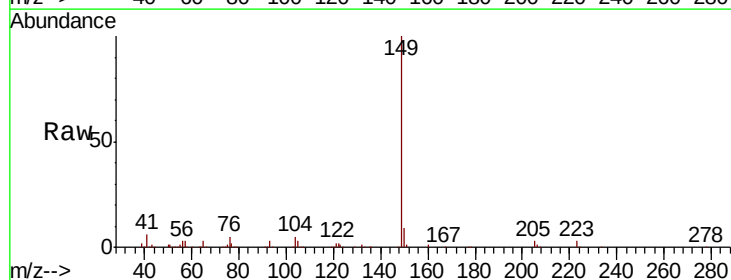


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

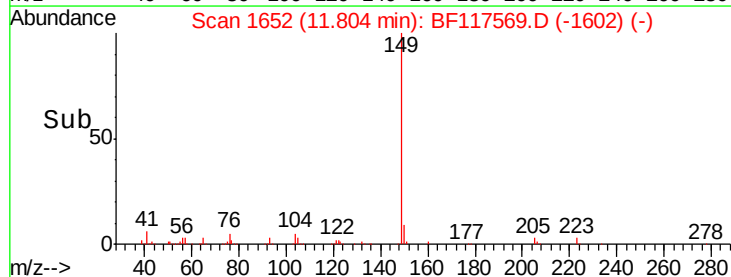
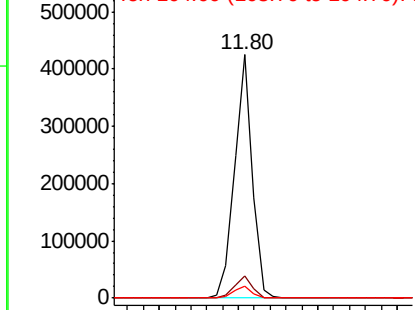


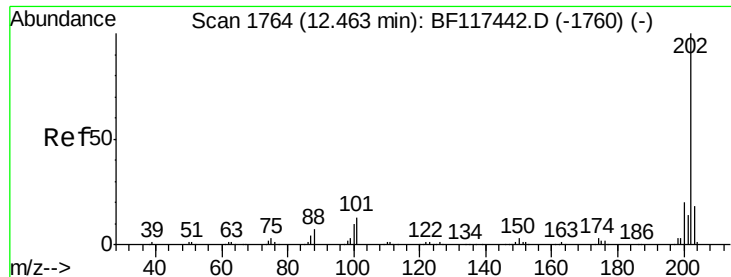
#74
 Di-n-butylphthalate
 Concen: 36.644 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion:149 Resp: 329811
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 4.9 4.6 6.8



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





#75

Fluoranthene

Concen: 33.866 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

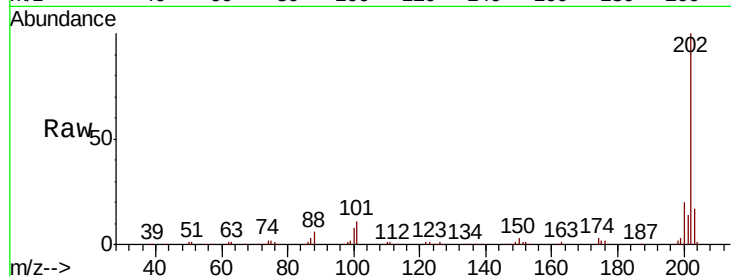
Tot Ion:202 Resp: 243541

Ion Ratio Lower Upper

202 100

101 10.9 0.0 32.7

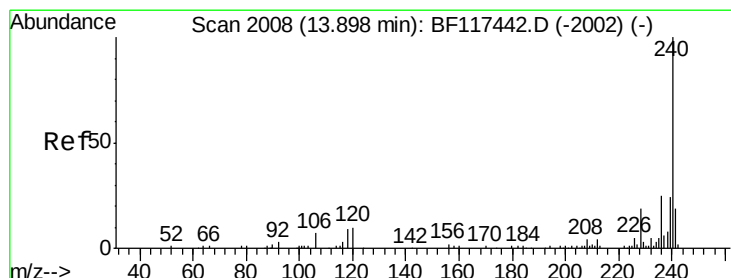
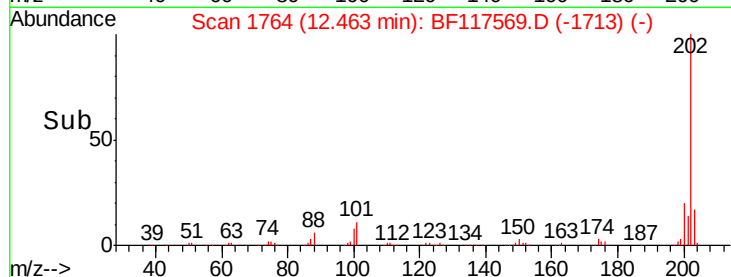
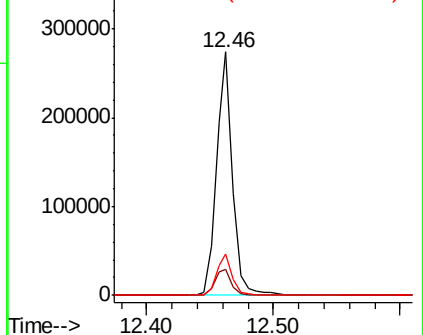
203 17.1 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

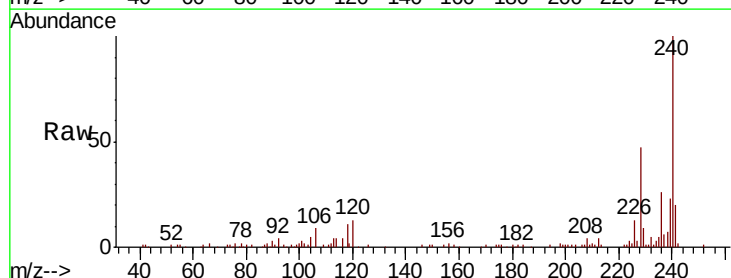
Tgt Ion:240 Resp: 66961

Ion Ratio Lower Upper

240 100

120 13.5 8.4 12.6#

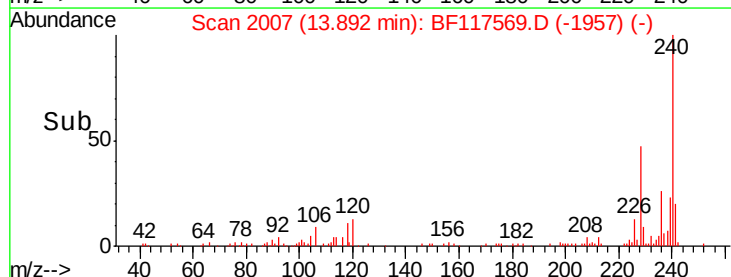
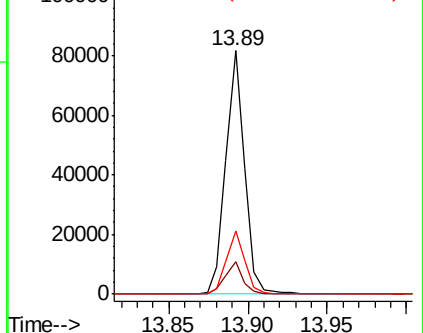
236 25.8 20.0 30.0

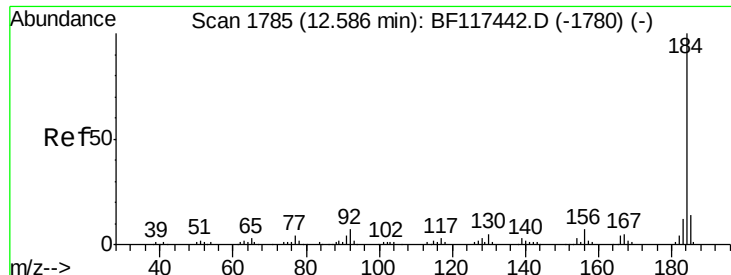


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

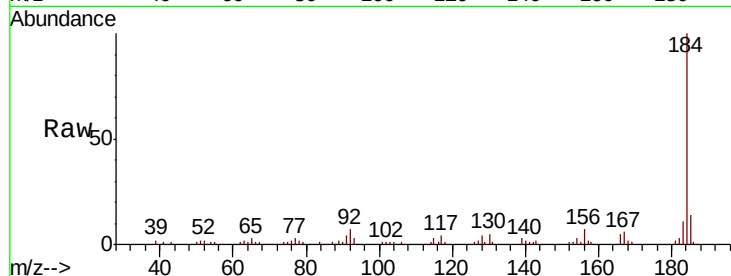




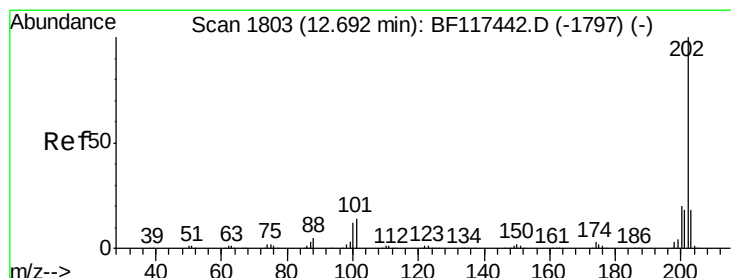
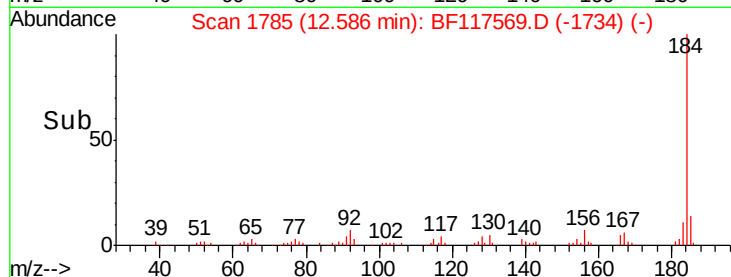
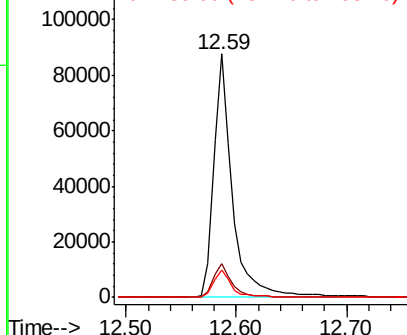
#77
Benzidine
Concen: 64.040 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_E
ClientSampled :

Tot Ion:184 Resp: 101197
Ion Ratio Lower Upper
184 100
185 13.6 11.4 17.0
183 11.2 9.6 14.4

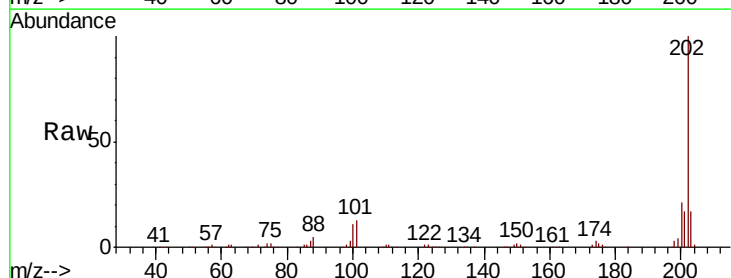


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

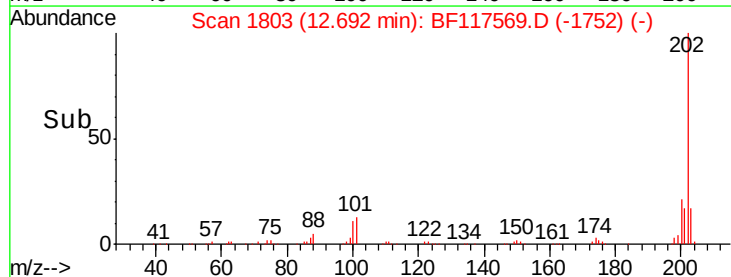
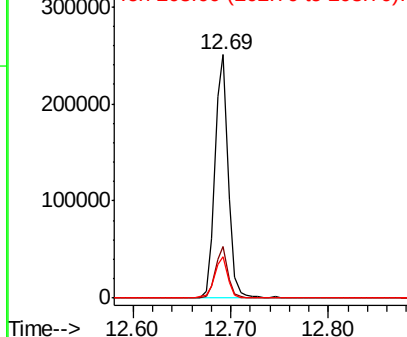


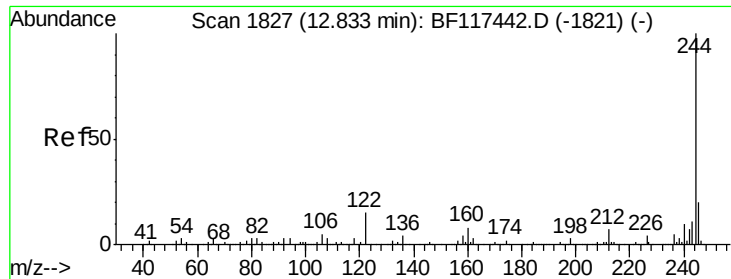
#78
Pyrene
Concen: 41.100 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:202 Resp: 236392
Ion Ratio Lower Upper
202 100
200 21.1 16.2 24.2
203 16.9 14.0 21.0



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

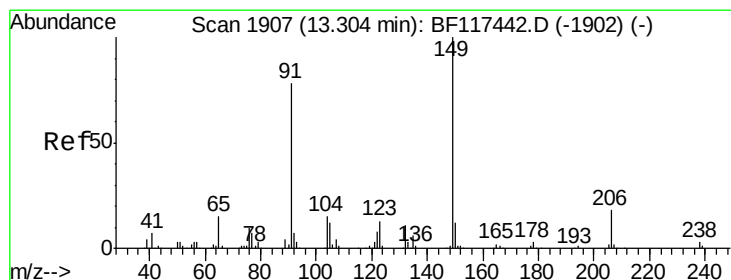
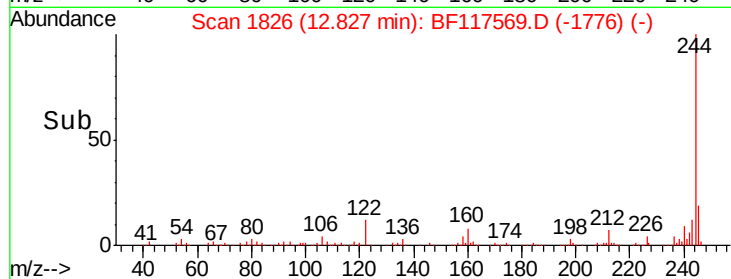
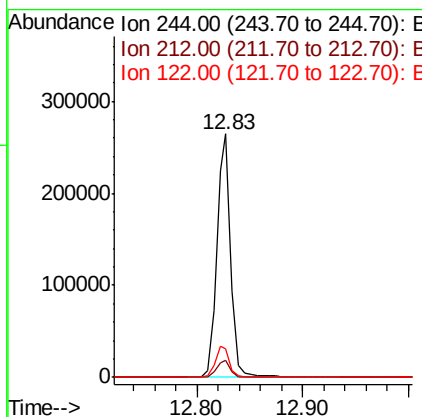
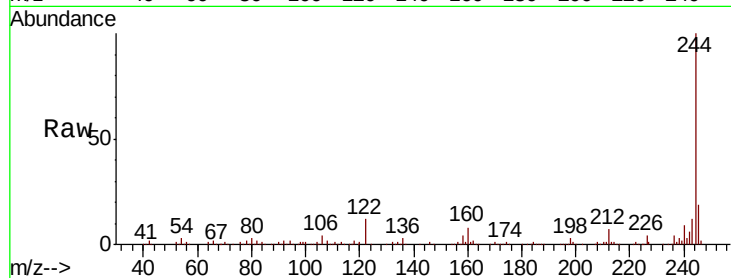




#79
 Terphenyl-d14
 Concen: 59.700 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

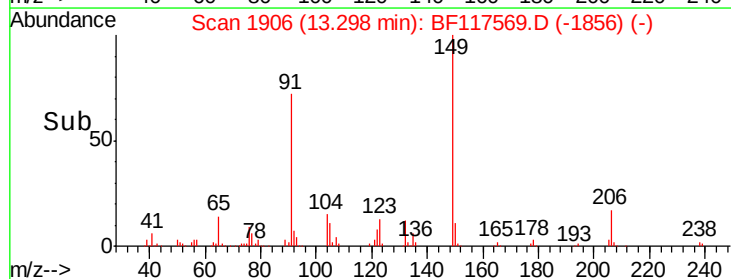
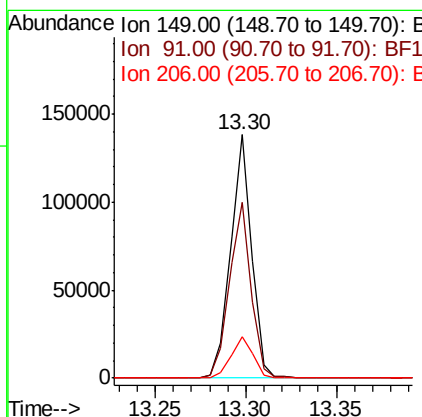
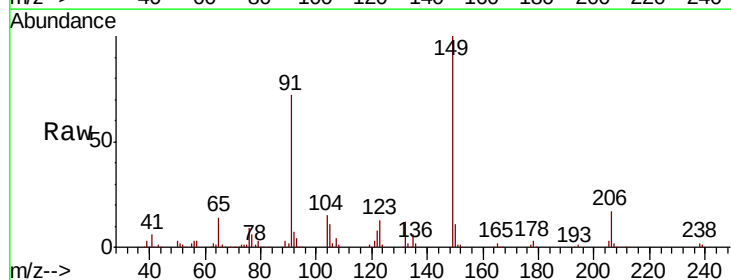
Instrument :
 BNA_E
 ClientSampleId :

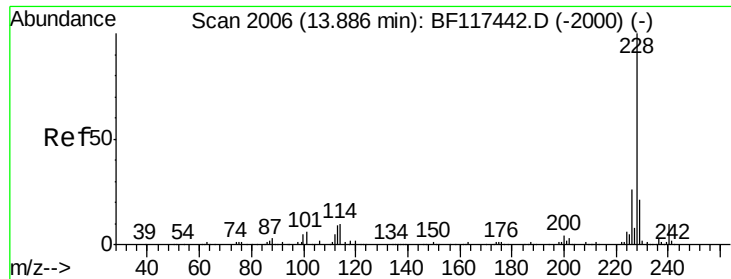
Tot Ion:244 Resp: 245083
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.7 11.8 17.8#



#80
 Butylbenzylphthalate
 Concen: 39.098 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion:149 Resp: 111904
 Ion Ratio Lower Upper
 149 100
 91 71.9 62.1 93.1
 206 16.8 14.3 21.5





#81

Benzo(a)anthracene

Concen: 39.498 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampled :

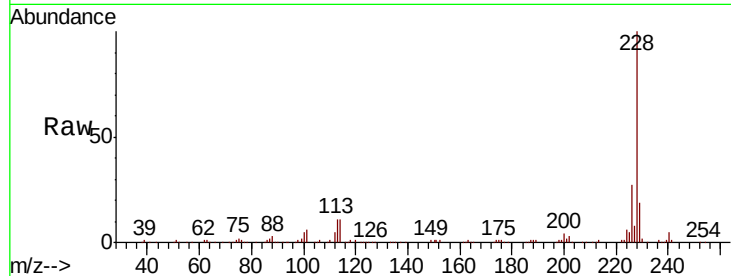
Tot Ion:228 Resp: 178405

Ion Ratio Lower Upper

228 100

226 27.2 21.0 31.4

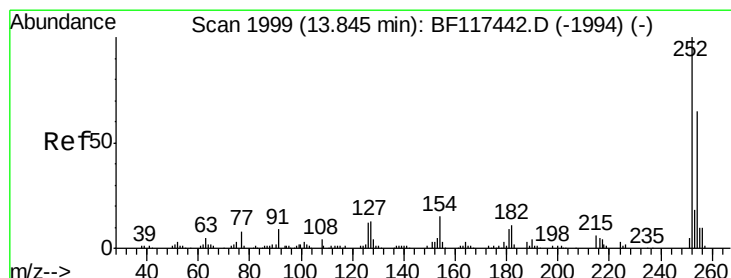
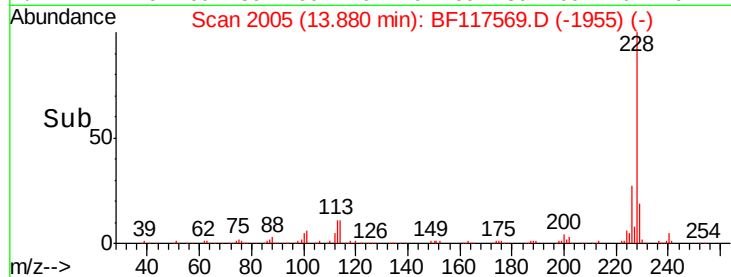
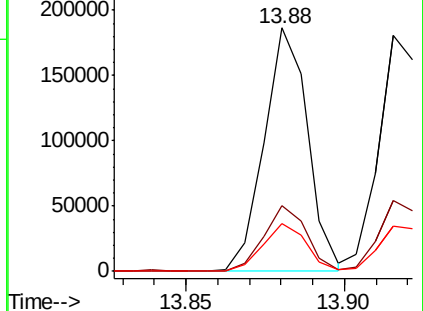
229 19.4 16.4 24.6



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: 37.694 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

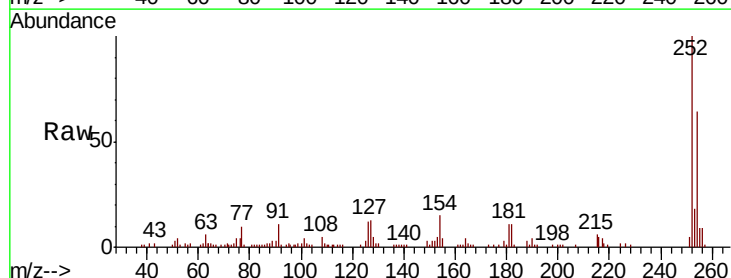
Tgt Ion:252 Resp: 53425

Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.4

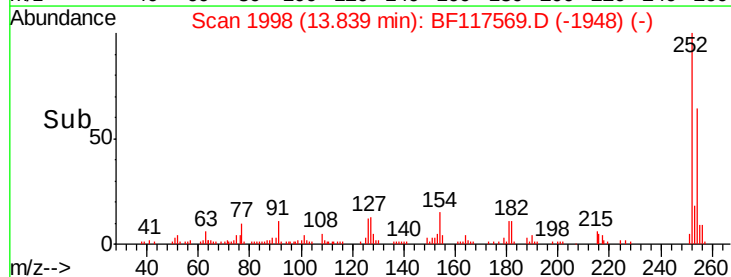
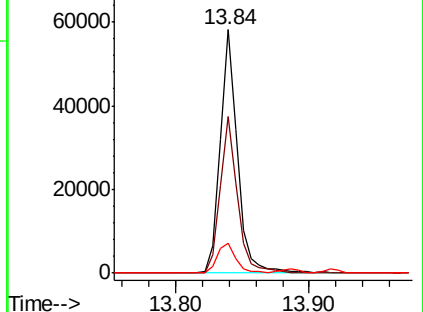
126 12.5 9.2 13.8

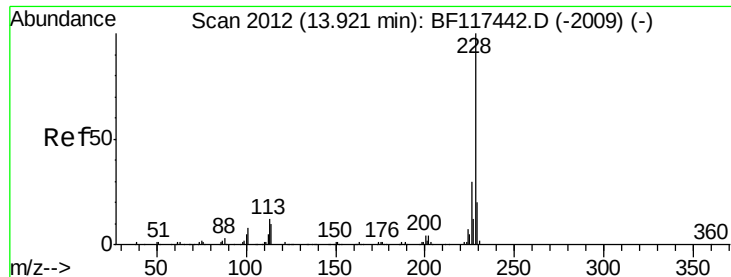


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

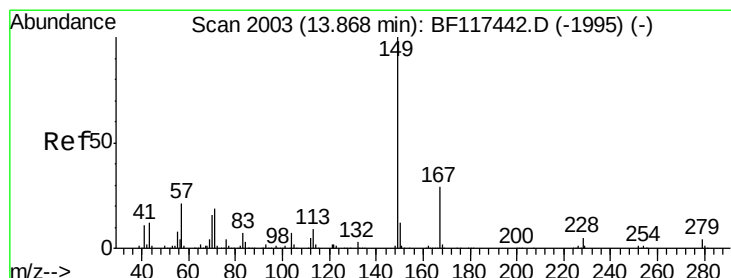
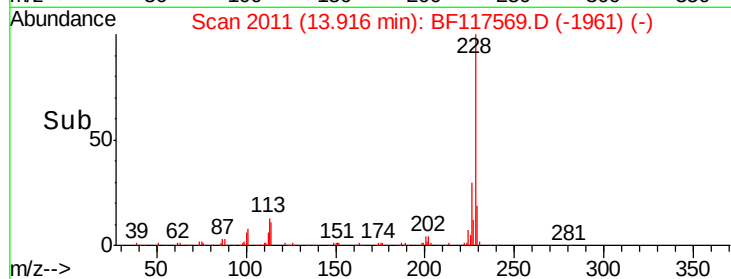
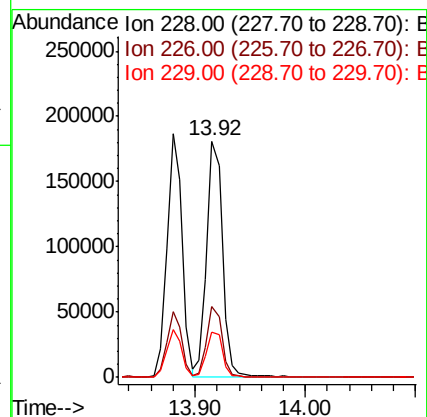
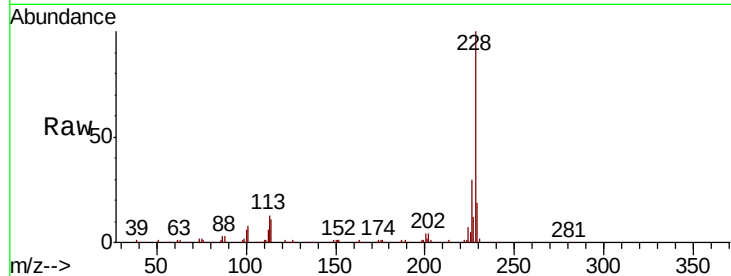




#83
Chrysene
Concen: 40.011 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

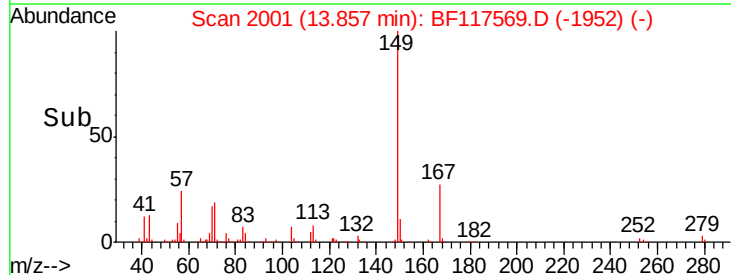
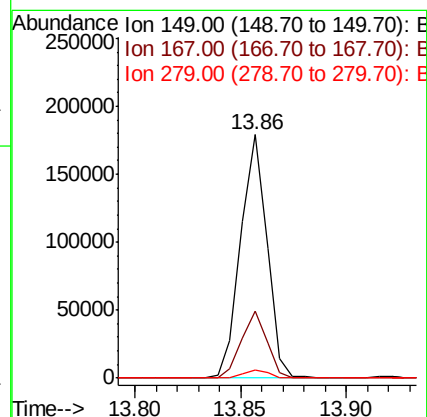
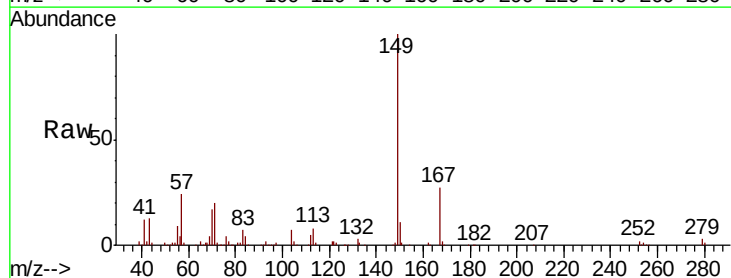
Instrument :
BNA_E
ClientSampled :

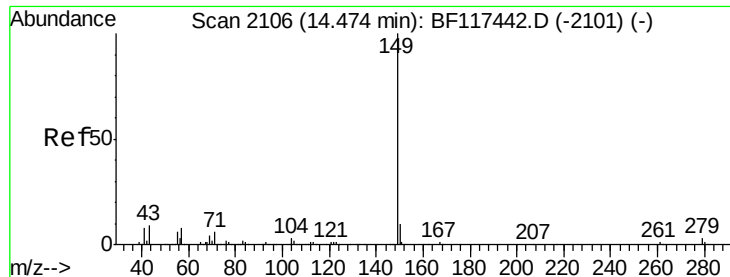
Tot Ion:228 Resp: 177118
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 19.1 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.484 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:149 Resp: 154294
Ion Ratio Lower Upper
149 100
167 27.3 23.3 34.9
279 3.4 3.2 4.8

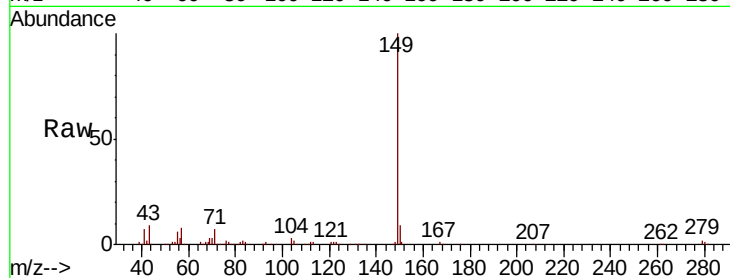




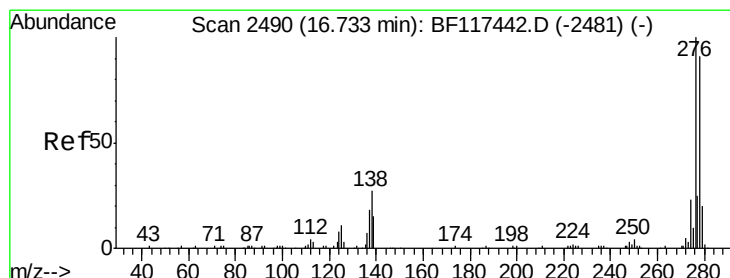
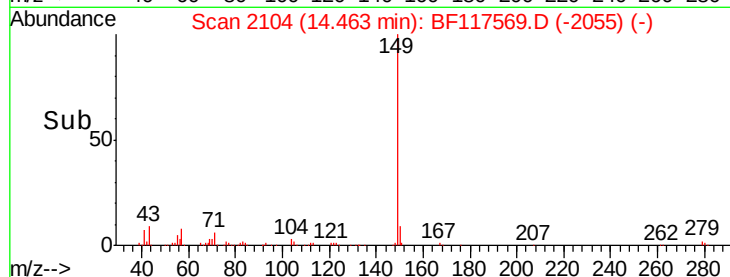
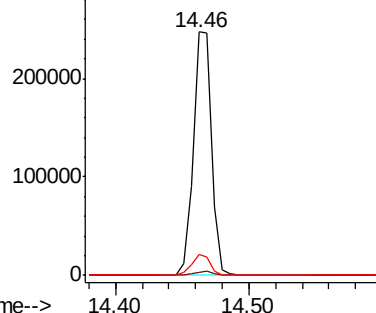
#85
Di-n-octyl phthalate
Concen: 38.708 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.2	6.8	10.2

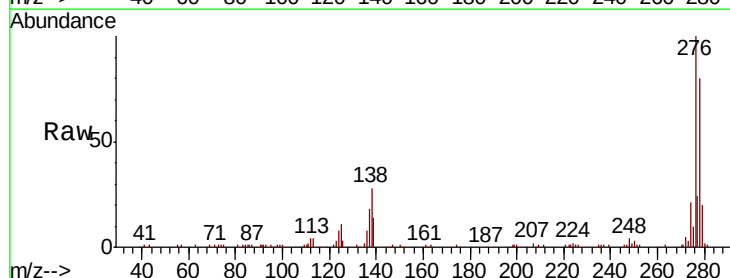


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

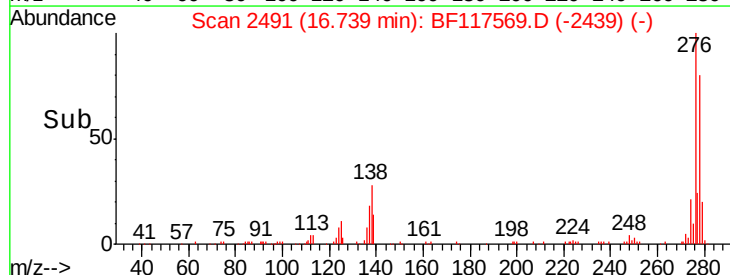
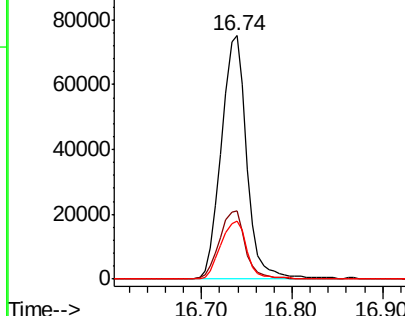


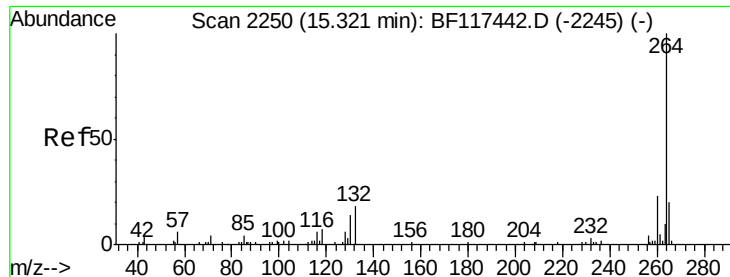
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.469 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	21.8	32.8
277	24.6	20.0	30.0



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



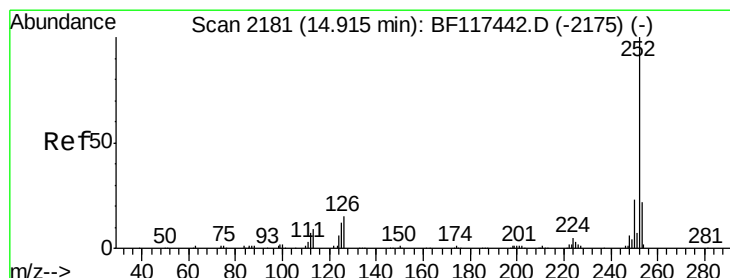
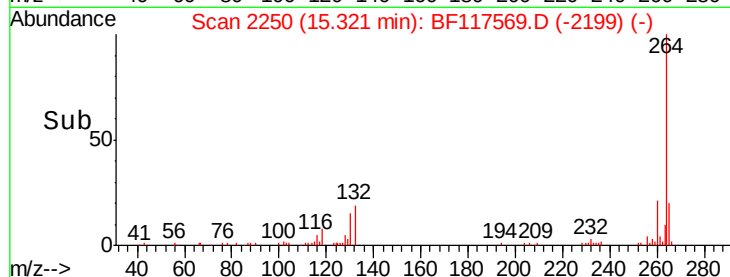
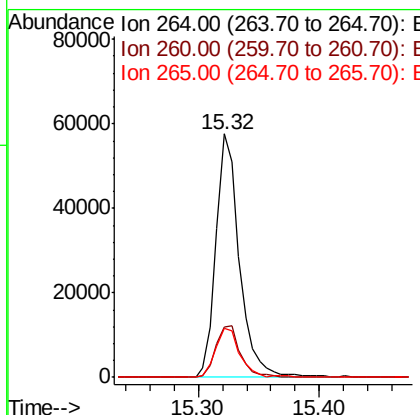
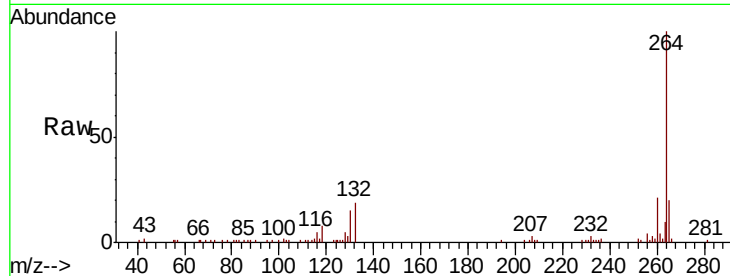


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 77152

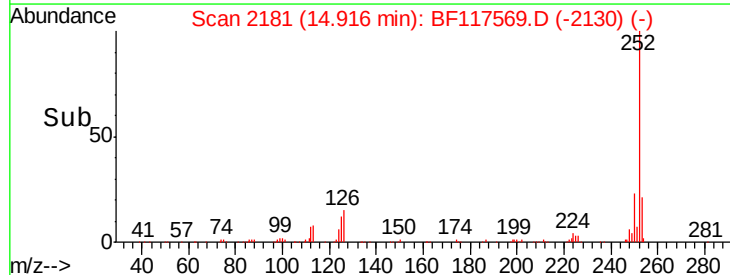
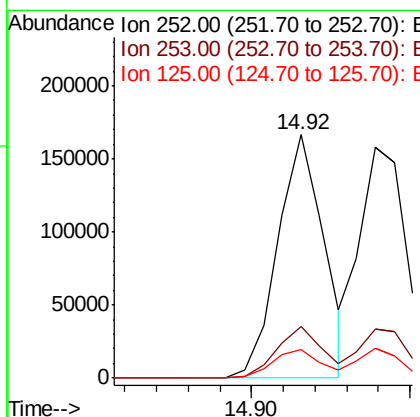
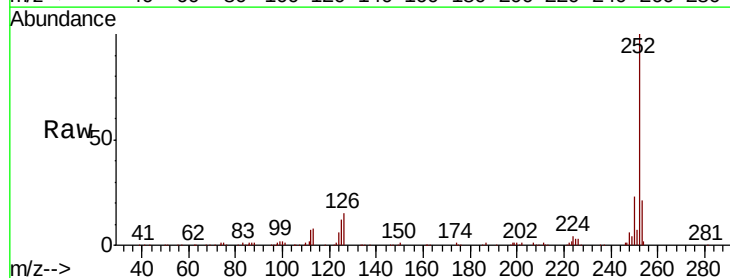
Ion	Ratio	Lower	Upper
264	100		
260	20.5	18.4	27.6
265	20.2	16.1	24.1

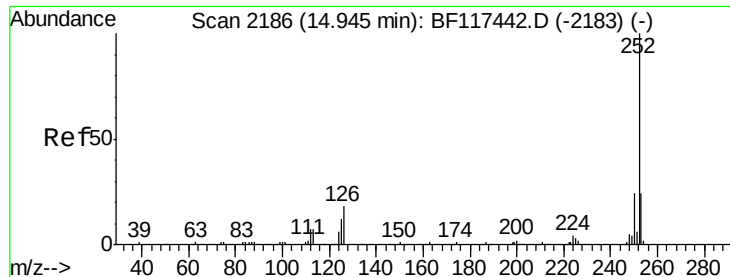


#88
Benzo(b)fluoranthene
Concen: 37.087 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:252 Resp: 168964

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	11.7	9.9	14.9





#89

Benzo(k)fluoranthene

Concen: 36.476 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_E

ClientSampleId :

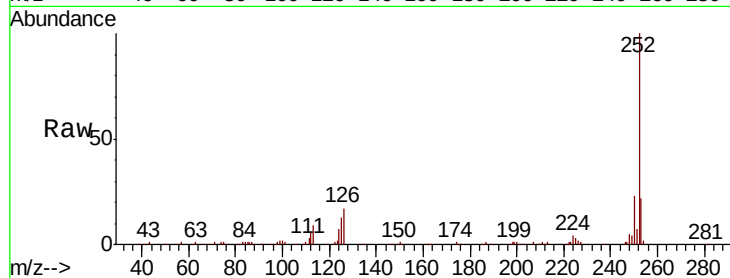
Tot Ion:252 Resp: 170327

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

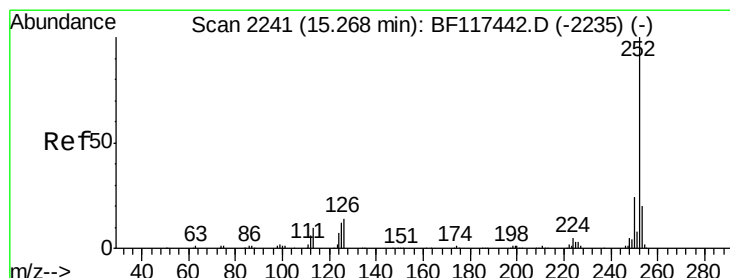
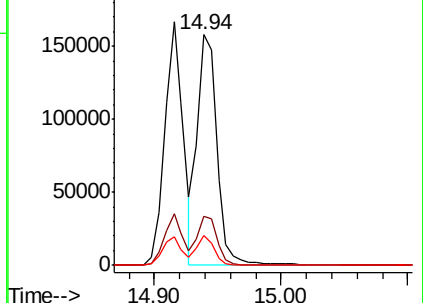
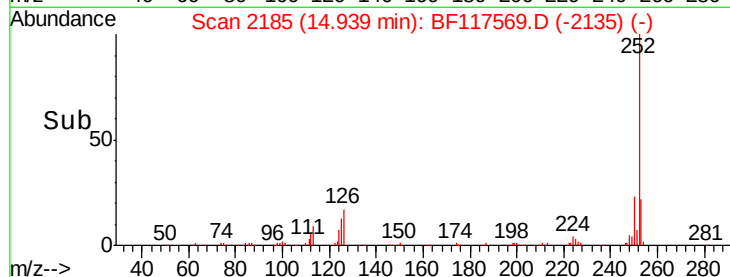
125 12.9 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.556 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

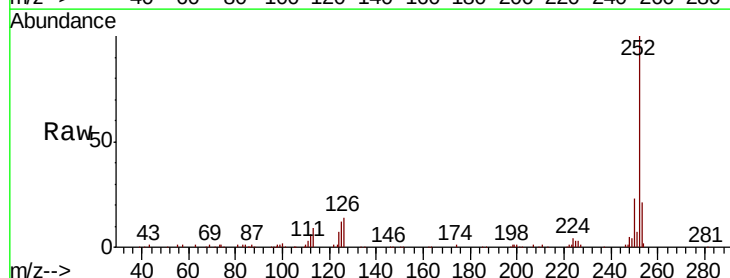
Tgt Ion:252 Resp: 155567

Ion Ratio Lower Upper

252 100

253 20.9 16.3 24.5

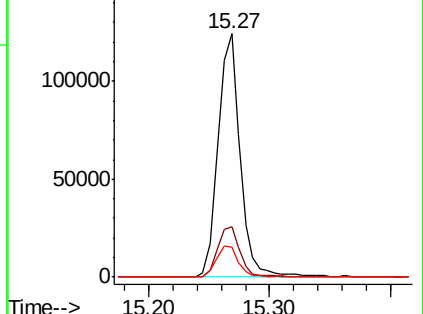
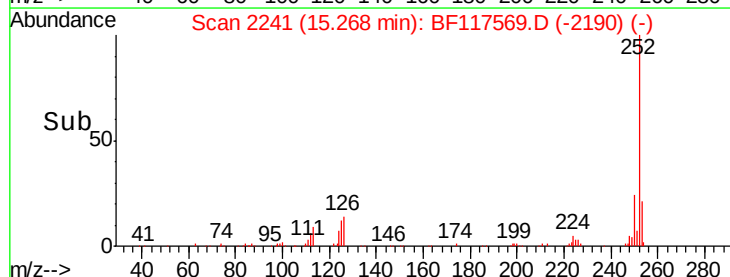
125 12.3 9.2 13.8

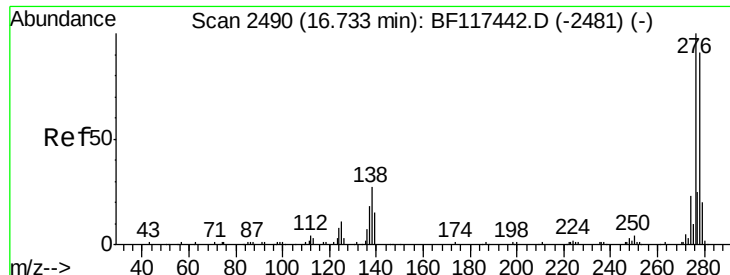


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

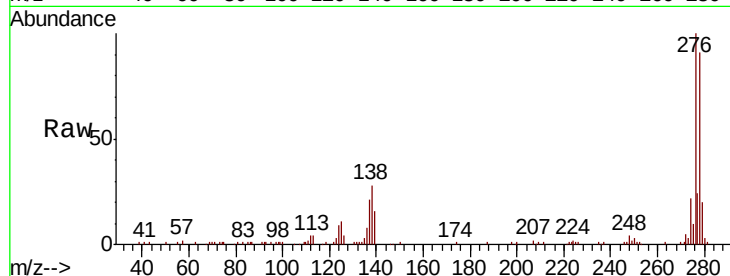




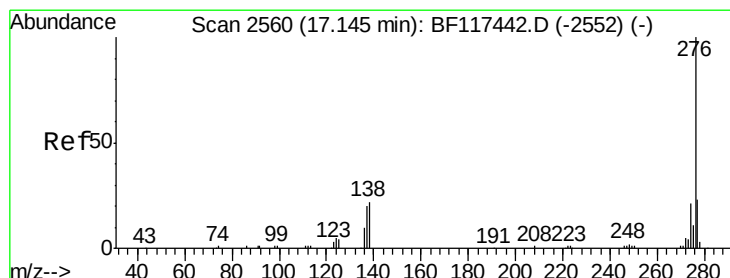
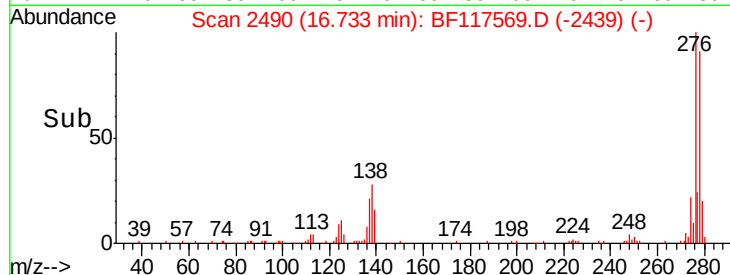
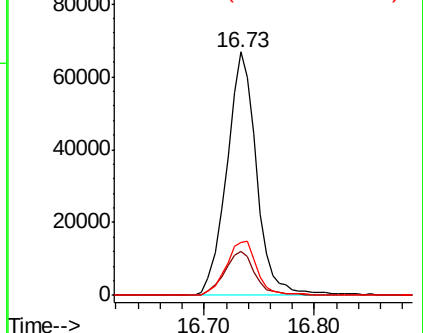
#91
Dibenzo(a,h)anthracene
Concen: 35.219 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 126145
Ion Ratio Lower Upper
278 100
139 18.0 13.4 20.0
279 22.0 17.8 26.6

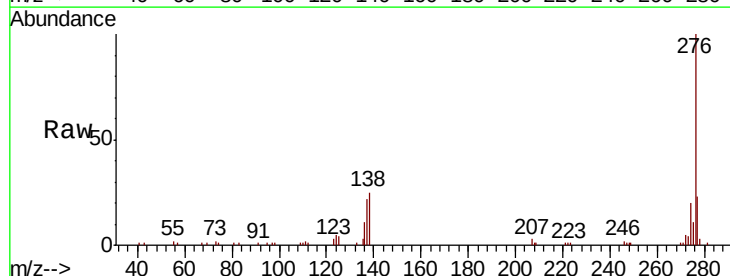


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 32.763 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:276 Resp: 111030
Ion Ratio Lower Upper
276 100
277 23.4 18.4 27.6
138 25.3 17.8 26.6



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

