

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117164.D
 Acq On : 19 Sep 2019 00:00
 Operator : HP/JU
 Sample : K4927-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:17:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	57314	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	217420	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	110673	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	157593	20.00	ng	0.00
76) Chrysene-d12	13.97	240	150690	20.00	ng	0.00
87) Perylene-d12	15.41	264	152917	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	439132	119.62	ng	0.01
7) Phenol-d6	6.47	99	639208	134.73	ng	0.01
23) Nitrobenzene-d5	7.39	82	385025	93.05	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	131940	142.64	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	556642	78.64	ng	0.00
79) Terphenyl-d14	12.91	244	713788	88.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	46857	30.503	ng	98
3) Pyridine	3.35	79	108964	25.916	ng	96
4) n-Nitrosodimethylamine	3.30	42	56253	38.986	ng	88
6) Aniline	6.49	93	136087	22.279	ng	# 58
8) 2-Chlorophenol	6.62	128	193301	48.809	ng	96
9) Benzaldehyde	6.37	77	111306	49.101	ng	98
10) Phenol	6.48	94	269400	51.509	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	178372	46.403	ng	96
12) 1,3-Dichlorobenzene	6.76	146	203075	45.696	ng	99
13) 1,4-Dichlorobenzene	6.84	146	207362	45.723	ng	99
14) 1,2-Dichlorobenzene	6.99	146	190825	45.193	ng	96
15) Benzyl Alcohol	6.97	79	182066	50.043	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	164776	43.387	ng	89
17) 2-Methylphenol	7.08	107	155047	46.713	ng	93
18) Hexachloroethane	7.33	117	76733	43.981	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	144563	50.040	ng	98
20) 3+4-Methylphenols	7.24	107	207905	50.288	ng	# 76
22) Acetophenone	7.23	105	292301	52.915	ng	98
24) Nitrobenzene	7.40	77	210255	51.452	ng	100
25) Isophorone	7.65	82	365435	49.878	ng	99
26) 2-Nitrophenol	7.72	139	96557	55.010	ng	95
27) 2,4-Dimethylphenol	7.76	122	165633	59.505	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	220104	48.760	ng	99
29) 2,4-Dichlorophenol	7.96	162	155093	53.176	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	154374	48.992	ng	98
31) Naphthalene	8.13	128	523184	50.034	ng	99
32) Benzoic acid	7.90	122	74492	37.168	ng	95
33) 4-Chloroaniline	8.18	127	32639	7.038	ng	96
34) Hexachlorobutadiene	8.24	225	85987	48.099	ng	99
35) Caprolactam	8.55	113	30473	30.868	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	183028	53.819	ng	95
37) 2-Methylnaphthalene	8.82	142	372847	52.951	ng	99
38) 1-Methylnaphthalene	8.91	142	295154	44.756	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	134109	46.926	ng	98

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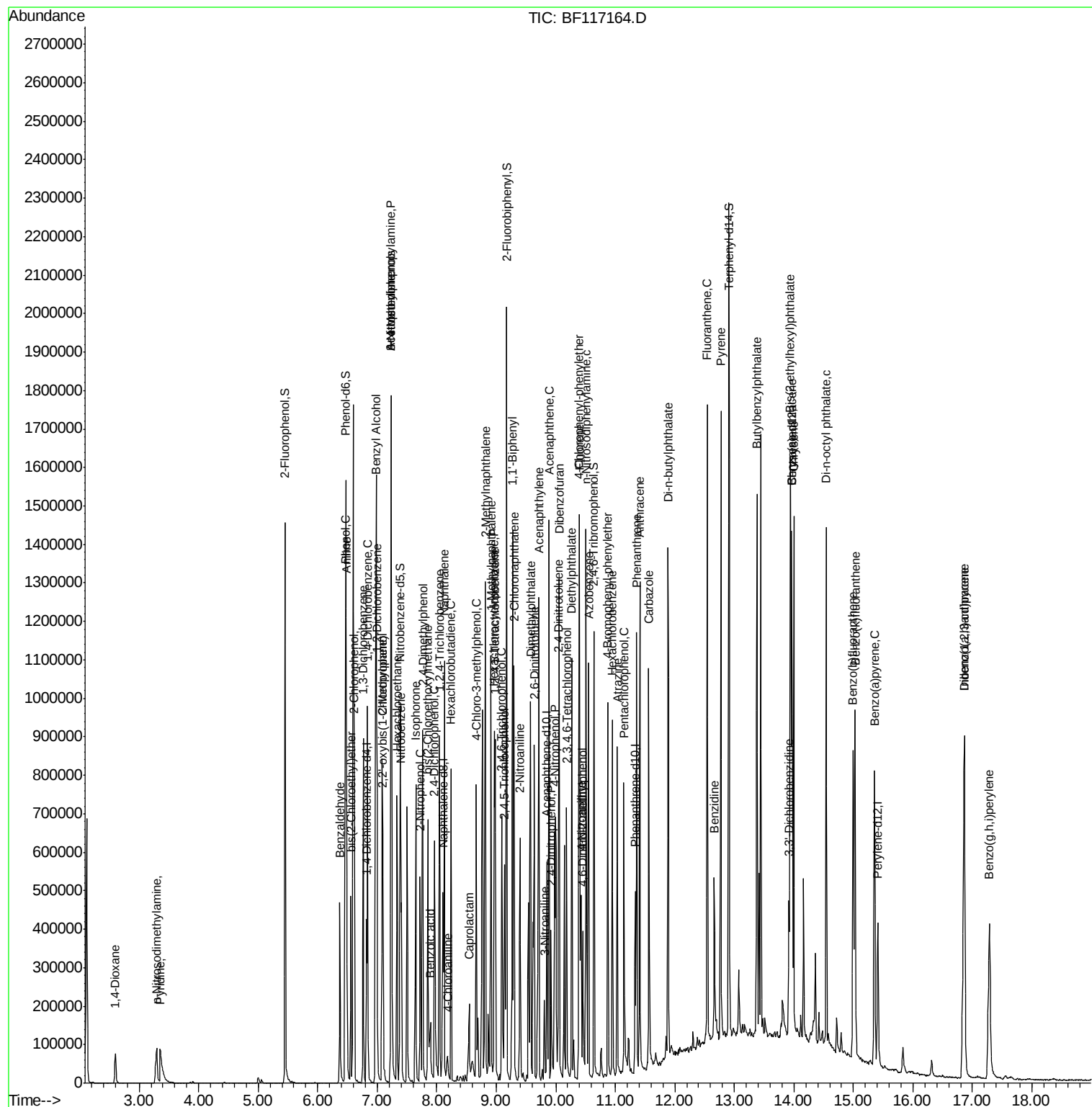
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	114335	89.478	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	86999	44.858	nq	100
44) 2,4,5-Trichlorophenol	9.14	196	93994	45.361	nq	99
46) 1,1'-Biphenyl	9.27	154	428028	49.305	nq	98
47) 2-Chloronaphthalene	9.30	162	333729	48.710	nq	98
48) 2-Nitroaniline	9.40	65	108468	49.358	nq	92
49) Acenaphthylene	9.72	152	505074	49.210	nq	99
50) Dimethylphthalate	9.57	163	481080	61.392	nq	98
51) 2,6-Dinitrotoluene	9.64	165	89978	56.378	nq	93
52) Acenaphthene	9.89	154	295584	48.583	nq	99
53) 3-Nitroaniline	9.81	138	39903	19.816	nq	100
54) 2,4-Dinitrophenol	9.92	184	52100	76.106	nq	97
55) Dibenzofuran	10.06	168	445469	49.625	nq	96
56) 4-Nitrophenol	9.98	139	119322	91.430	nq	91
57) 2,4-Dinitrotoluene	10.05	165	113155	54.620	nq	94
58) Fluorene	10.40	166	394233	54.520	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	80019	50.463	nq	# 98
60) Diethylphthalate	10.27	149	404404	52.456	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	165689	52.959	nq	94
62) 4-Nitroaniline	10.43	138	101556	48.496	nq	94
63) Azobenzene	10.55	77	405218	51.463	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	45009	60.570	nq	88
66) n-Nitrosodiphenylamine	10.51	169	338938	62.275	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	96498	59.959	nq	91
68) Hexachlorobenzene	10.95	284	102490	58.223	nq	96
69) Atrazine	11.03	200	94801	101.293	nq	97
70) Pentachlorophenol	11.14	266	86429	104.745	nq	98
71) Phenanthrene	11.36	178	460997	51.501	nq	100
72) Anthracene	11.41	178	483562	52.915	nq	99
73) Carbazole	11.56	167	490998	56.604	nq	99
74) Di-n-butylphthalate	11.89	149	652457	63.219	nq	100
75) Fluoranthene	12.54	202	660371	71.800	nq	99
77) Benzidine	12.66	184	203623	41.949	nq	98
78) Pyrene	12.77	202	670536	53.032	nq	99
80) Butylbenzylphthalate	13.38	149	306050	51.226	nq	97
81) Benzo(a)anthracene	13.96	228	492306	48.899	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	69383	21.386	nq	97
83) Chrysene	14.00	228	491835	50.088	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	398228	51.696	nq	99
85) Di-n-octyl phthalate	14.54	149	626924	51.708	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	482642	67.372	nq	98
88) Benzo(b)fluoranthene	15.00	252	419033	45.239	nq	99
89) Benzo(k)fluoranthene	15.03	252	396454	45.183	nq	98
90) Benzo(a)pyrene	15.36	252	419213	51.575	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	395401	61.064	nq	99
92) Benzo(g,h,i)perylene	17.29	276	405937	62.912	nq	99

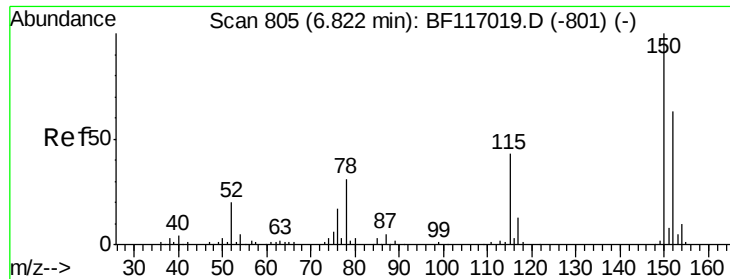
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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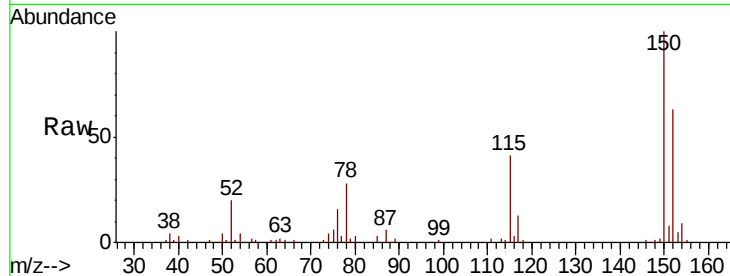


#1

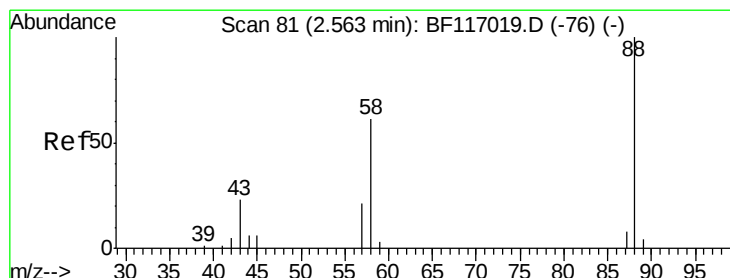
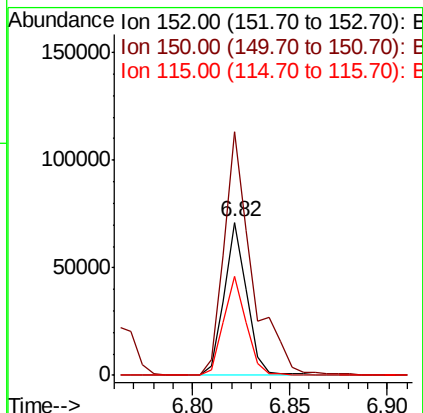
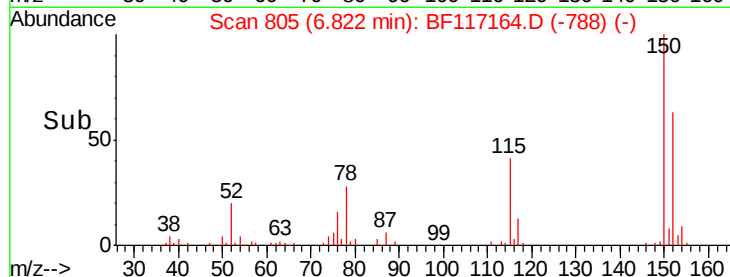
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 57314
Ion Ratio Lower Upper
152 100
150 158.9 127.5 191.3
115 64.4 55.0 82.4



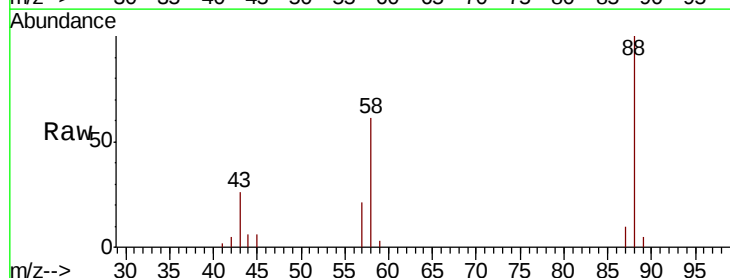
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



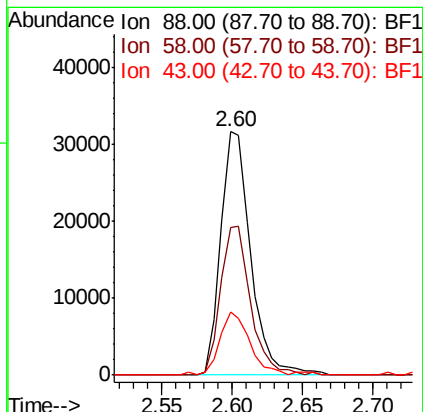
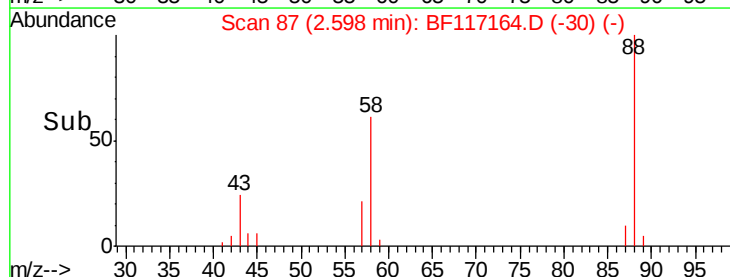
#2

1,4-Dioxane
Concen: 30.503 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.04 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion: 88 Resp: 46857
Ion Ratio Lower Upper
88 100
58 61.0 49.3 73.9
43 25.7 18.8 28.2



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





#3

Pvridine

Concen: 25.916 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.05 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

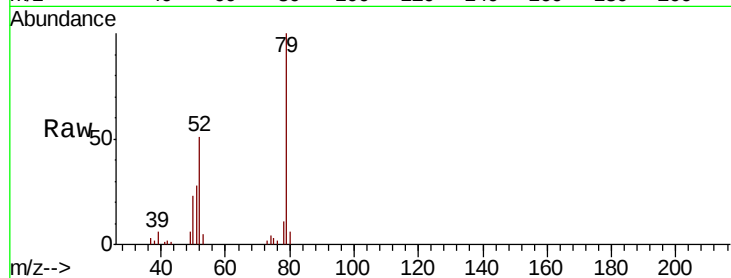
Tot Ion: 79 Resp: 108964

Ion Ratio Lower Upper

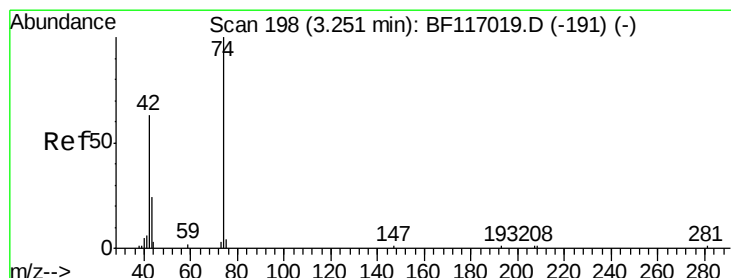
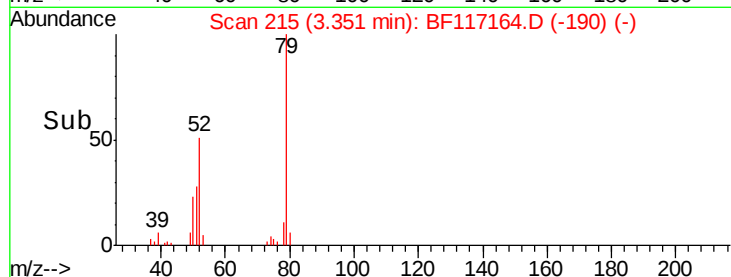
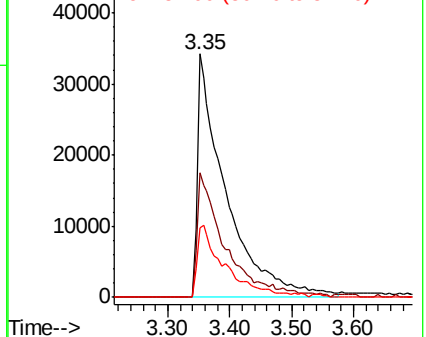
79 100

52 51.4 43.5 65.3

51 28.4 21.8 32.6



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: 38.986 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.05 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

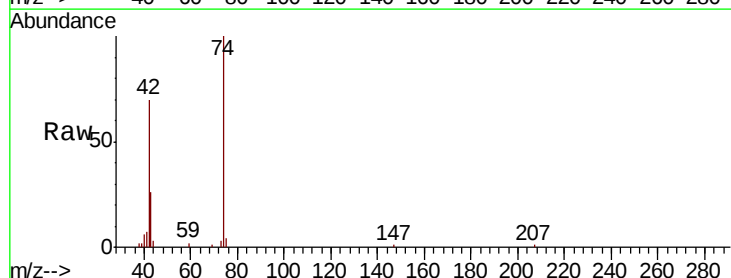
Tgt Ion: 42 Resp: 56253

Ion Ratio Lower Upper

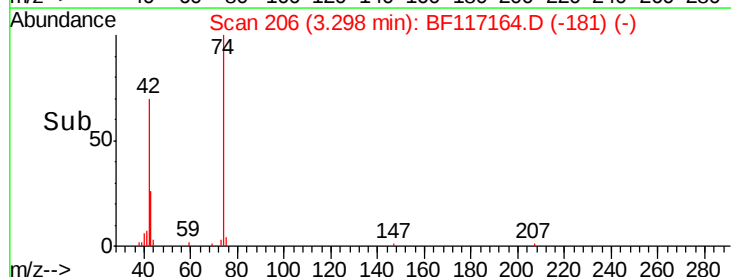
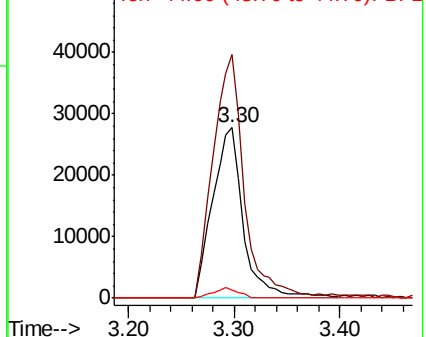
42 100

74 142.8 127.1 190.7

44 4.6 4.3 6.5



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: 119.621 ng

RT: 5.45 min Scan# 572

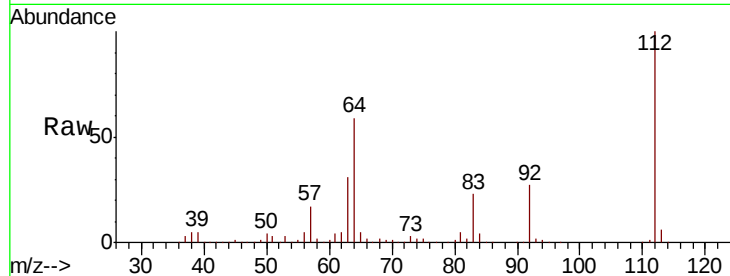
Delta R.T. 0.01 min

Lab File: BF117164.D

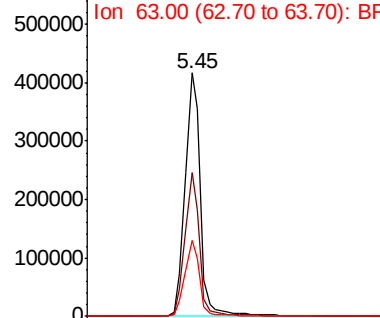
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampled :

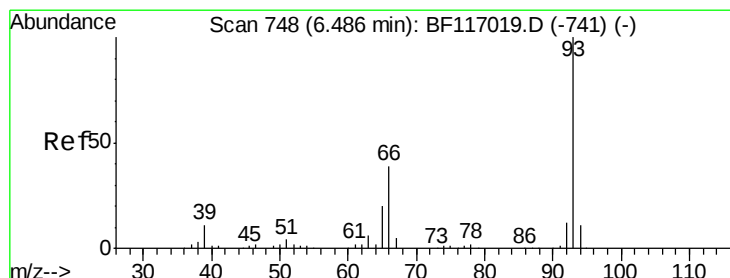
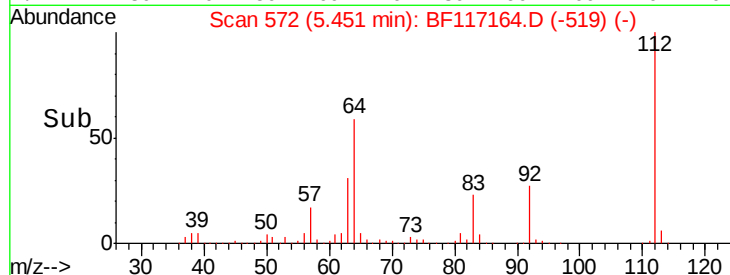
Tot Ion:	112	Resp:	439132
Ion	Ratio	Lower	Upper
112	100		
64	59.2	45.7	68.5
63	31.3	24.9	37.3



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



Time-->



#6

Aniline

Concen: 22.279 ng

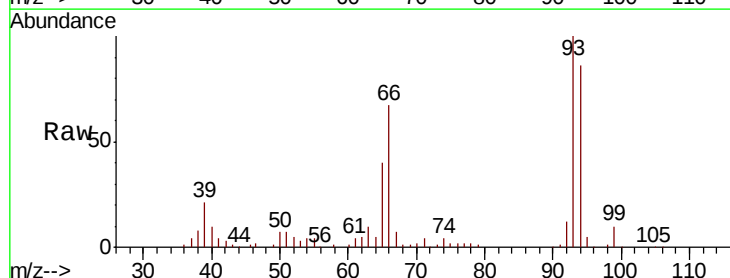
RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

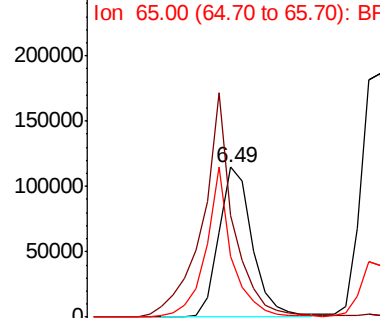
Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

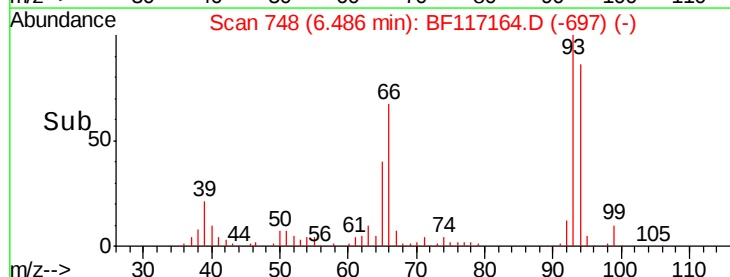
Tgt Ion:	93	Resp:	136087
Ion	Ratio	Lower	Upper
93	100		
66	67.4	32.6	49.0#
65	40.4	16.7	25.1#

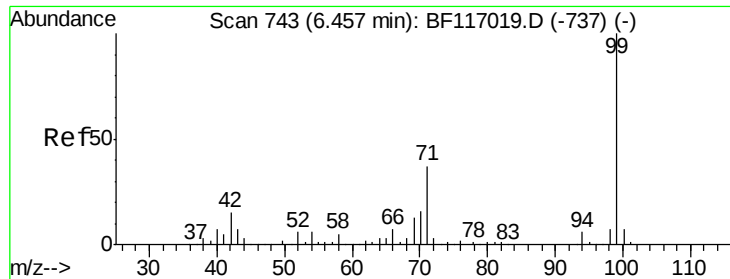


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



Time-->





#7

Phenol-d6

Concen: 134.732 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

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ClientSampleId :

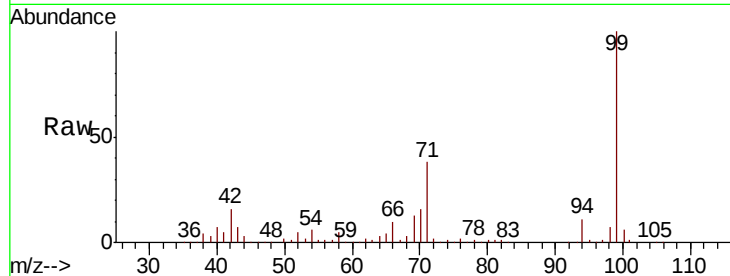
Tot Ion: 99 Resp: 639208

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

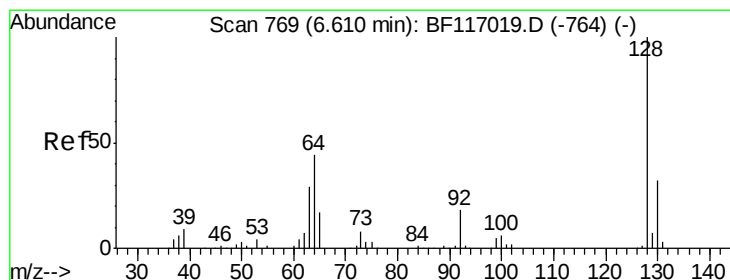
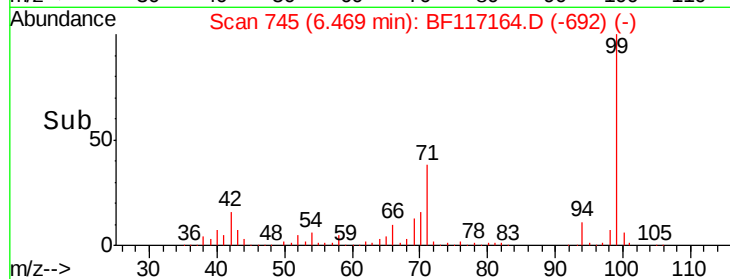
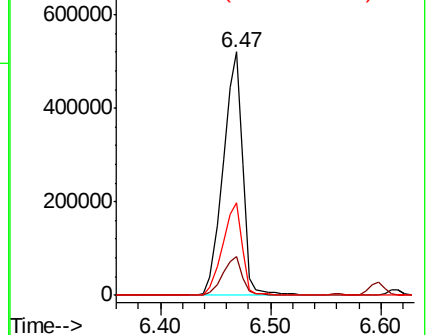
71 38.2 29.8 44.8



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: 48.809 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

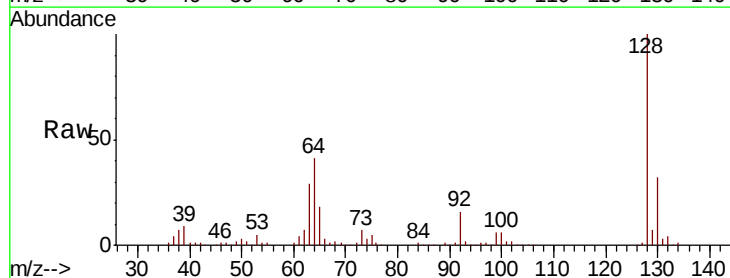
Tgt Ion:128 Resp: 193301

Ion Ratio Lower Upper

128 100

130 32.3 11.8 51.8

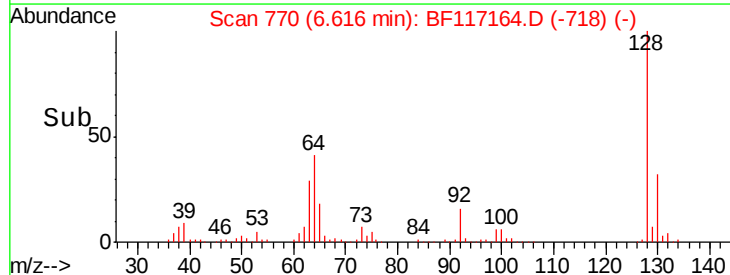
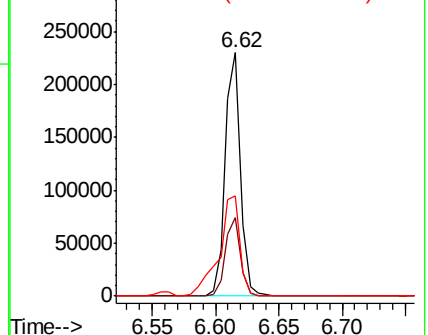
64 41.3 25.0 65.0



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: 49.101 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

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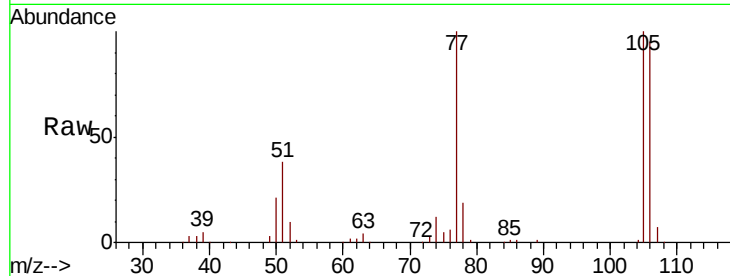
Tot Ion: 77 Resp: 111306

Ion Ratio Lower Upper

77 100

105 99.7 81.8 121.8

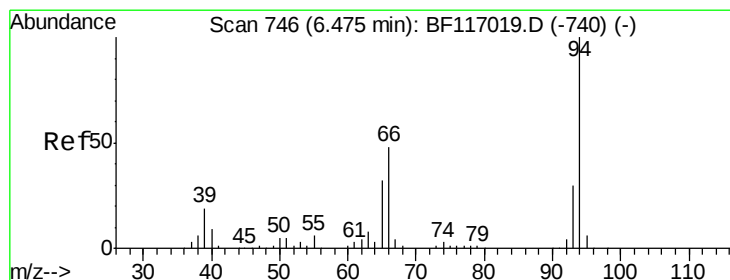
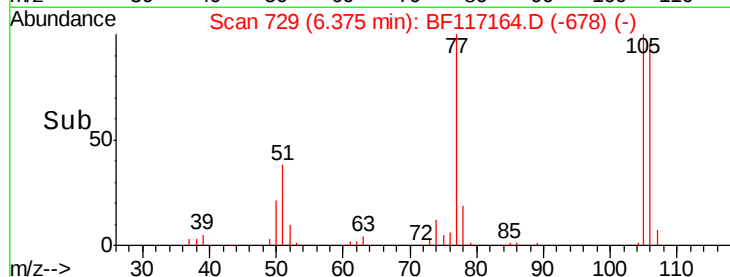
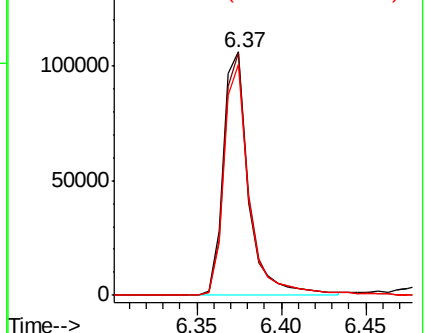
106 95.0 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 51.509 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

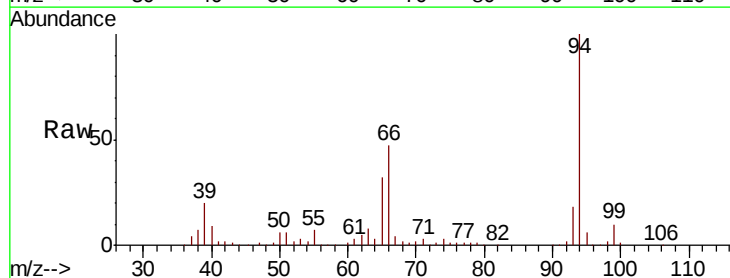
Tgt Ion: 94 Resp: 269400

Ion Ratio Lower Upper

94 100

65 31.7 12.5 52.5

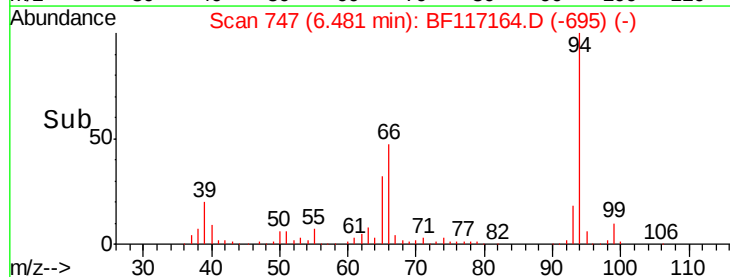
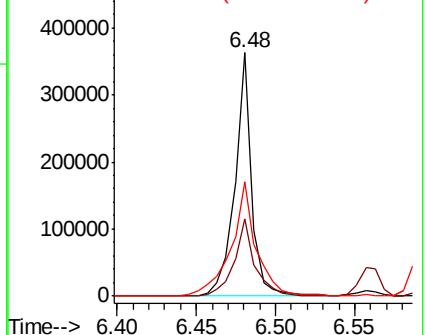
66 47.2 28.9 68.9

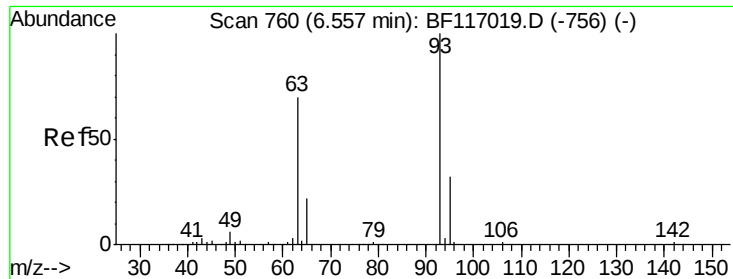


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 46.403 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

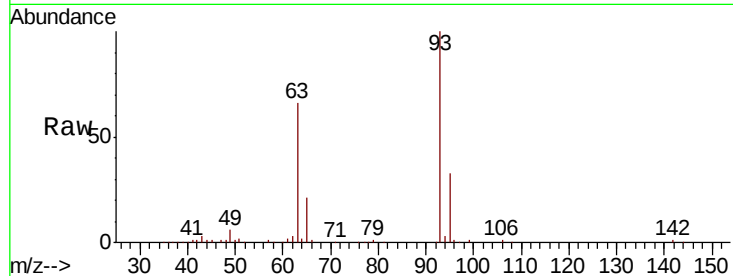
Tot Ion: 93 Resp: 178372

Ion Ratio Lower Upper

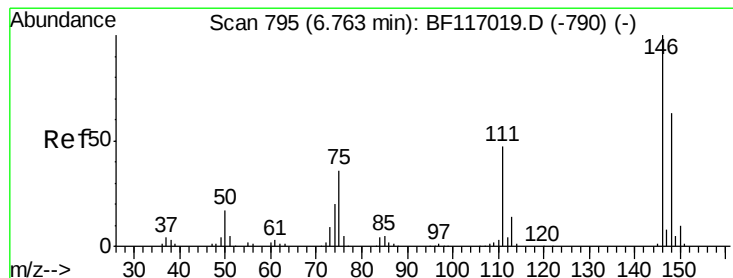
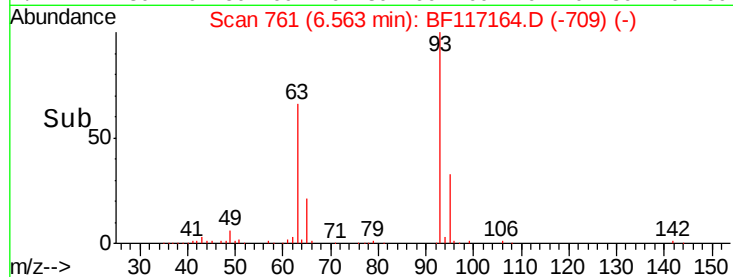
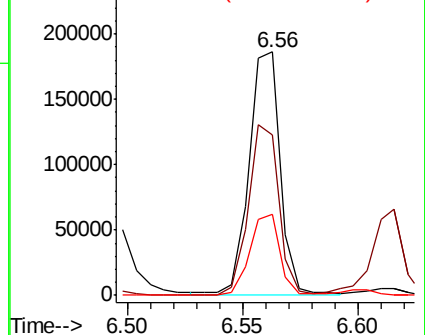
93 100

63 65.8 49.3 89.3

95 33.3 11.5 51.5



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: 45.696 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

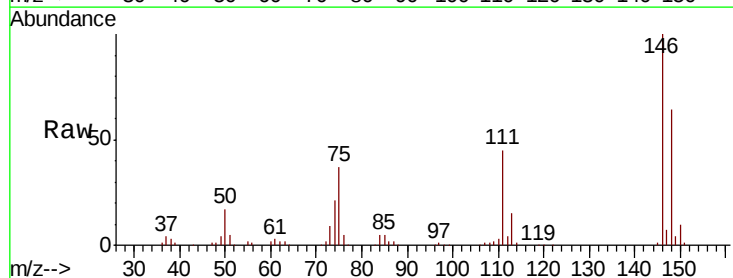
Tgt Ion: 146 Resp: 203075

Ion Ratio Lower Upper

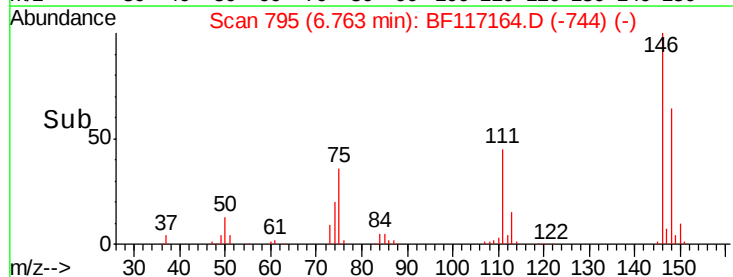
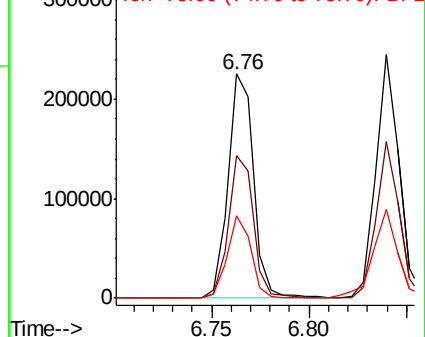
146 100

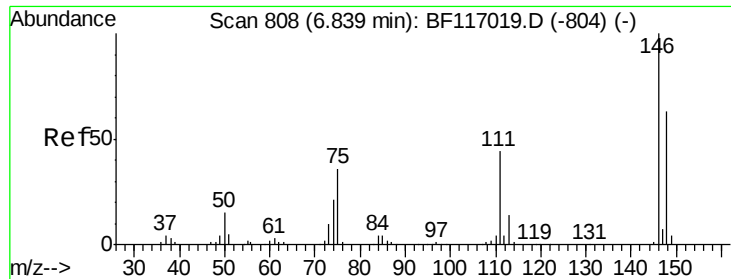
148 63.8 50.8 76.2

75 36.7 28.7 43.1



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

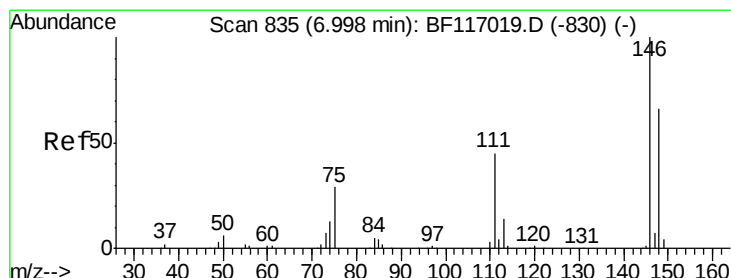
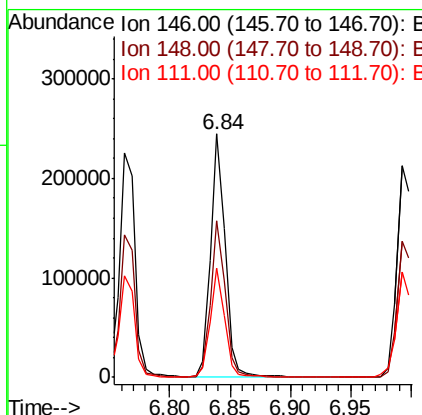
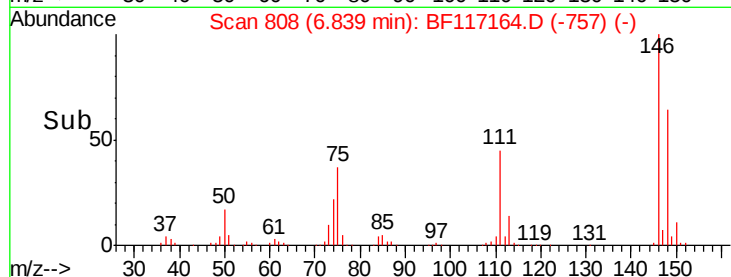
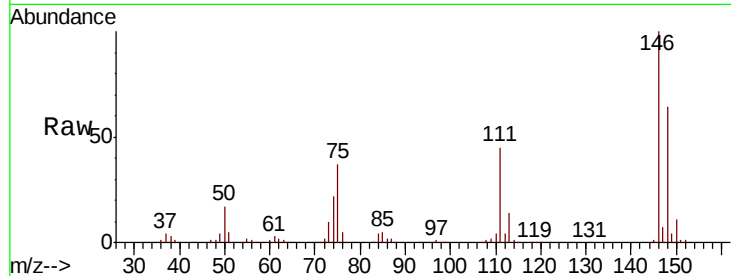




#13
 1,4-Dichlorobenzene
 Concen: 45.723 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF117164.D
 Acq: 19 Sep 2019 00:00

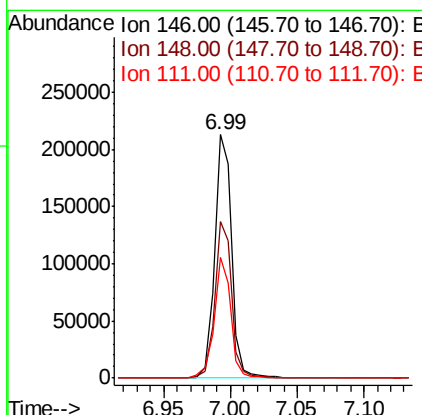
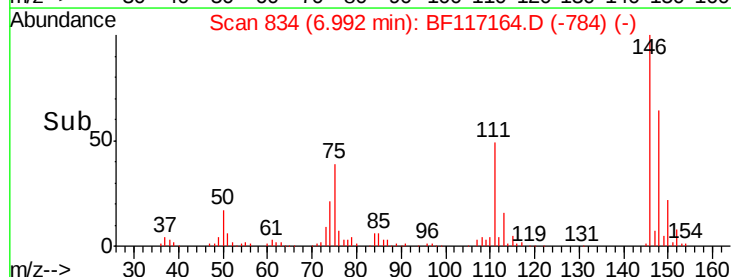
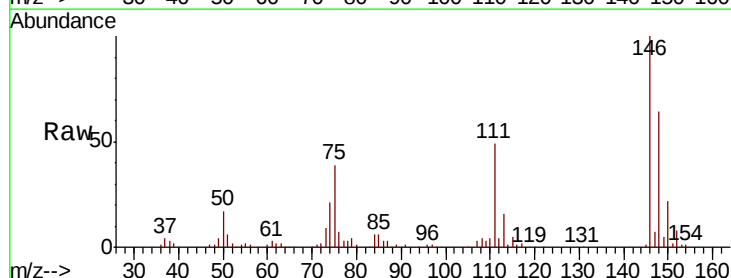
Instrument :
 BNA_F
 ClientSampleId :

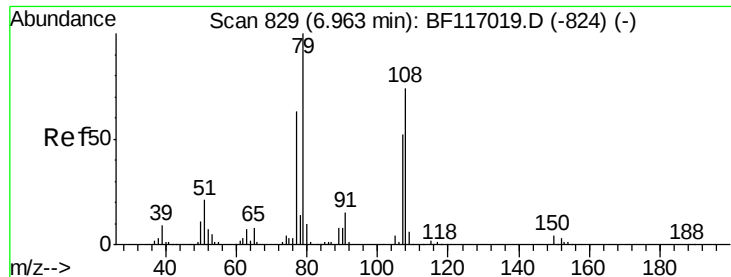
Tot Ion:146 Resp: 207362
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 76.0
 111 44.7 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 45.193 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117164.D
 Acq: 19 Sep 2019 00:00

Tgt Ion:146 Resp: 190825
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.6 78.8
 111 49.5 36.2 54.2

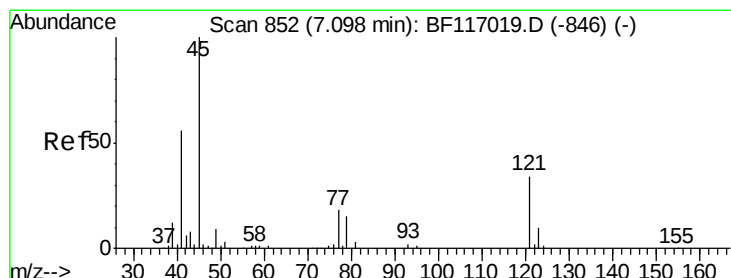
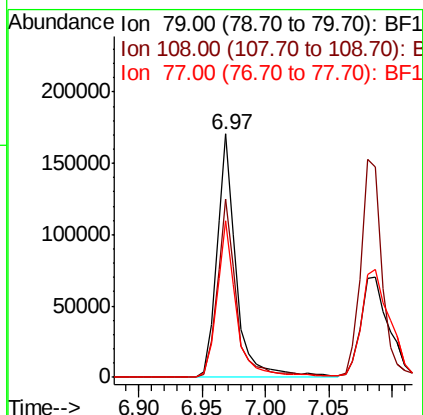
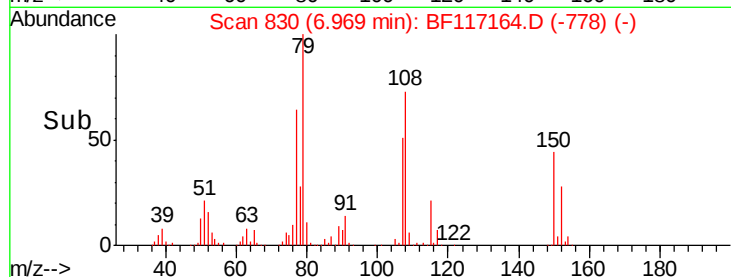
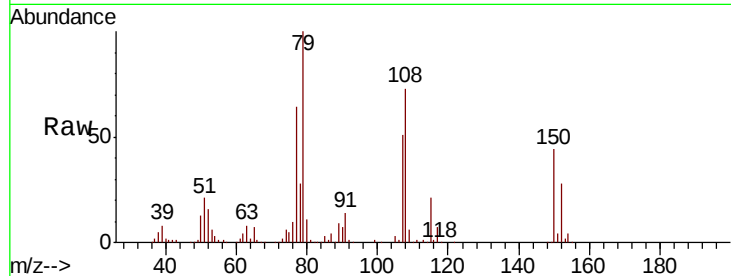




#15
Benzyl Alcohol
Concen: 50.043 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

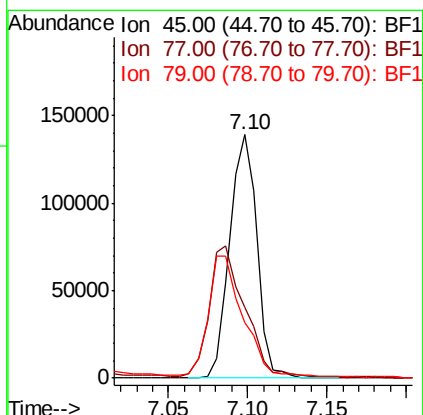
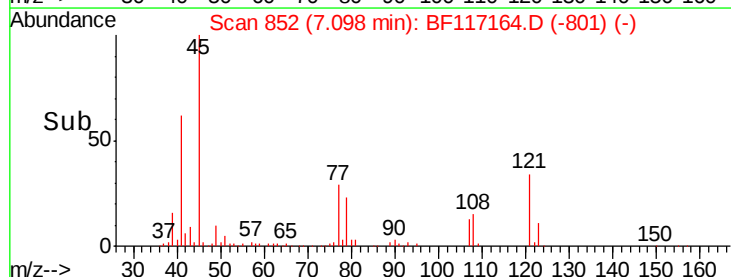
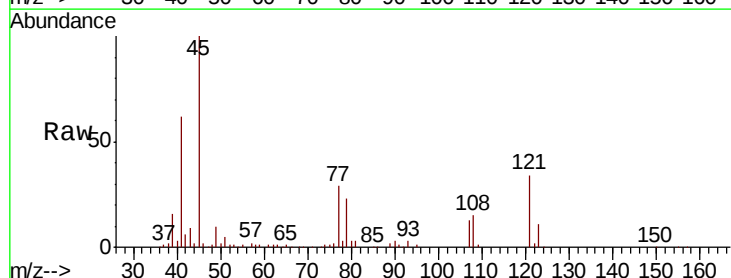
Instrument :
BNA_F
ClientSampleId :

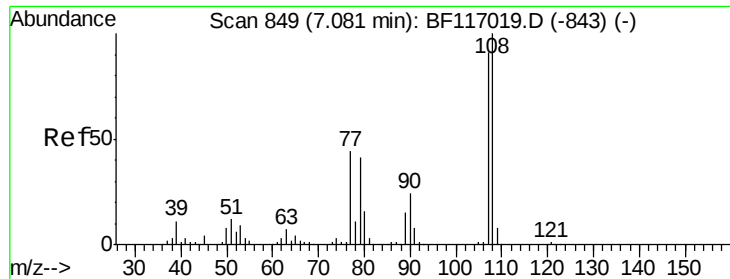
Tot Ion: 79 Resp: 182066
Ion Ratio Lower Upper
79 100
108 73.4 59.4 89.0
77 64.5 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.387 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion: 45 Resp: 164776
Ion Ratio Lower Upper
45 100
77 28.9 2.7 42.7
79 22.8 0.0 38.9

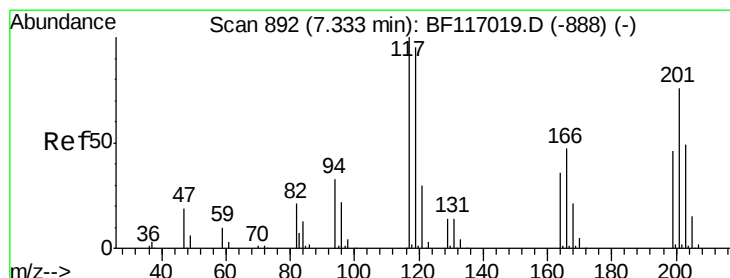
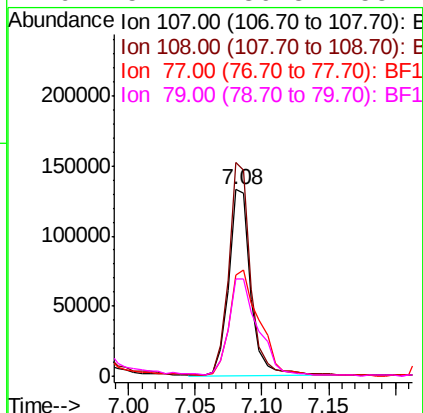
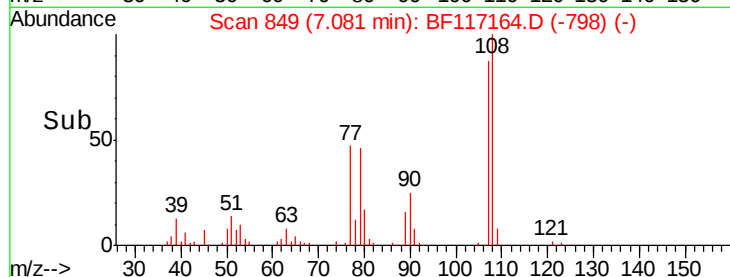
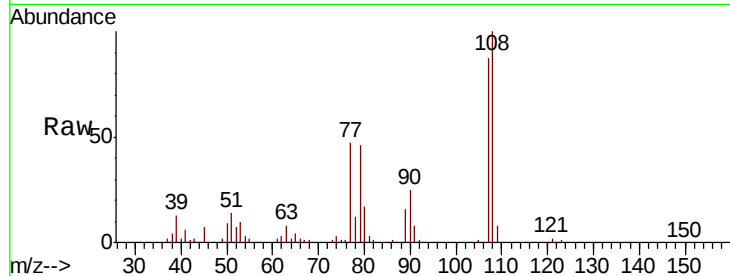




#17
2-Methylphenol
Concen: 46.713 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

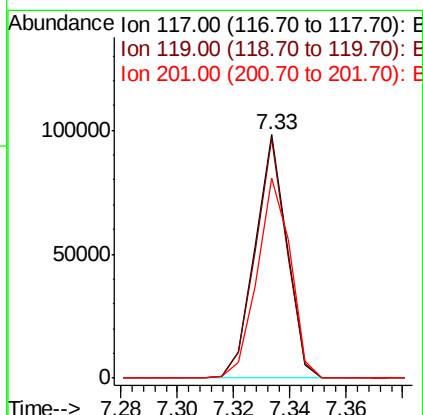
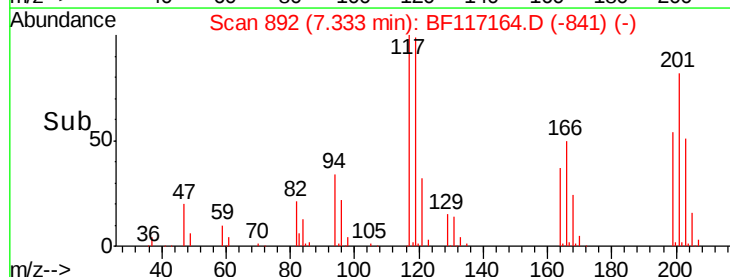
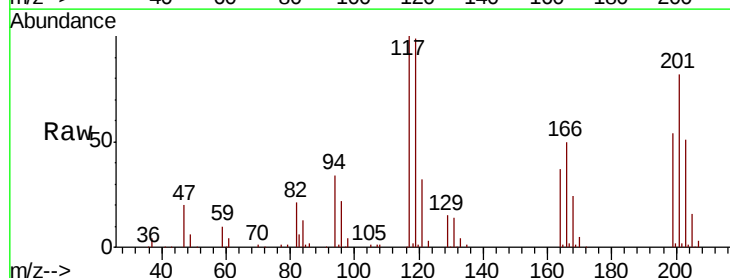
Instrument :
BNA_F
ClientSampled :

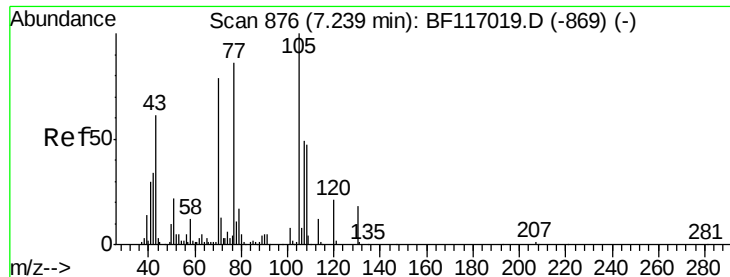
Tot Ion:	107	Resp:	155047
Ion	Ratio	Lower	Upper
107	100		
108	114.4	87.7	131.5
77	53.9	38.6	58.0
79	52.2	36.8	55.2



#18
Hexachloroethane
Concen: 43.981 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion:	117	Resp:	76733
Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.8	113.8
201	82.4	60.9	91.3

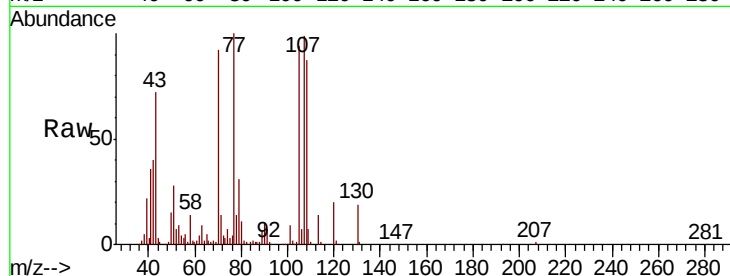




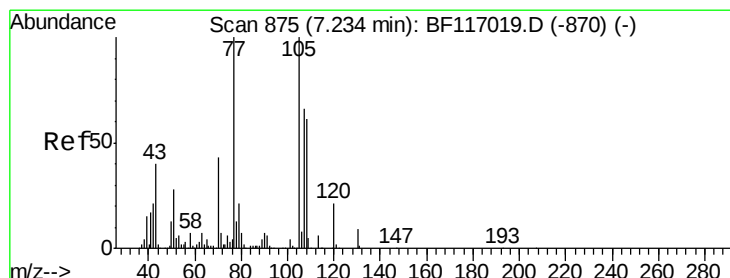
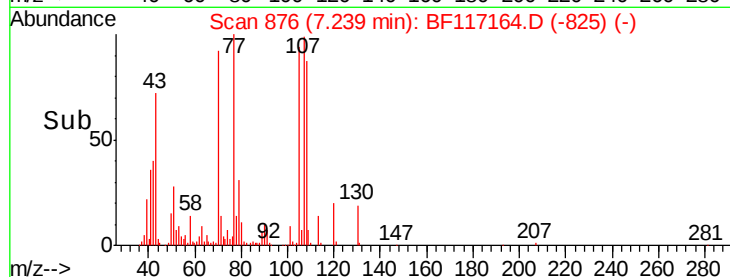
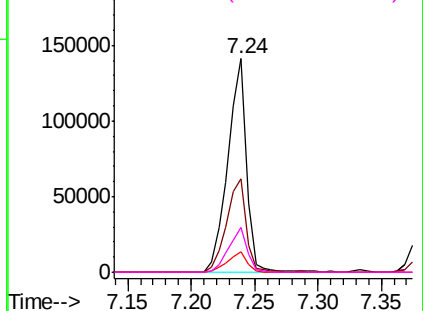
#19
n-Nitroso-di-n-propylamine
Concen: 50.040 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 144563
Ion Ratio Lower Upper
70 100
42 43.8 34.0 51.0
101 9.7 7.8 11.6
130 20.8 17.8 26.8



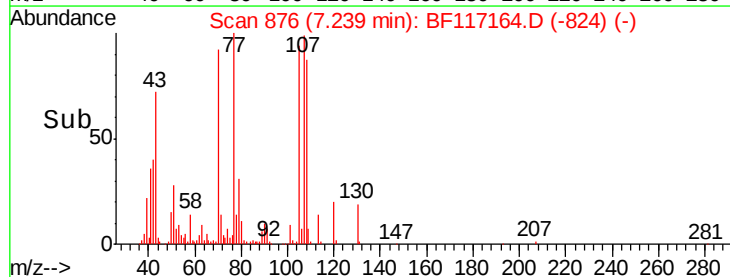
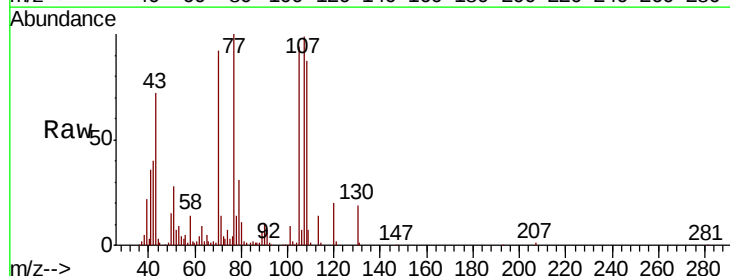
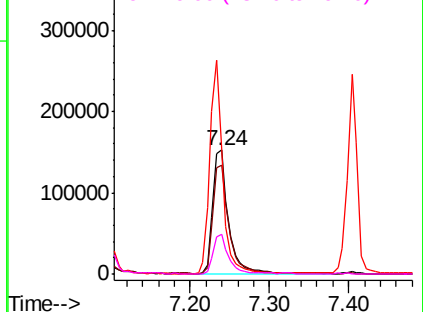
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

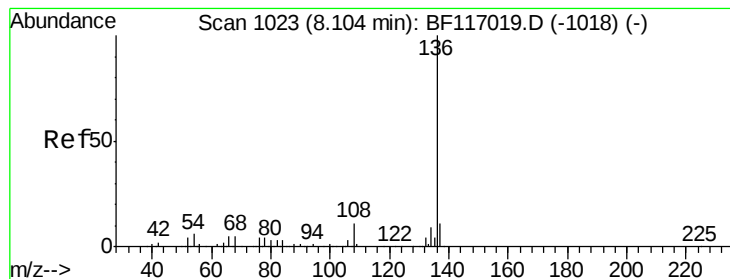


#20
3+4-Methylphenols
Concen: 50.288 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion: 107 Resp: 207905
Ion Ratio Lower Upper
107 100
108 87.7 72.6 112.6
77 100.5 132.1 172.1#
79 31.5 12.1 52.1

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 217420

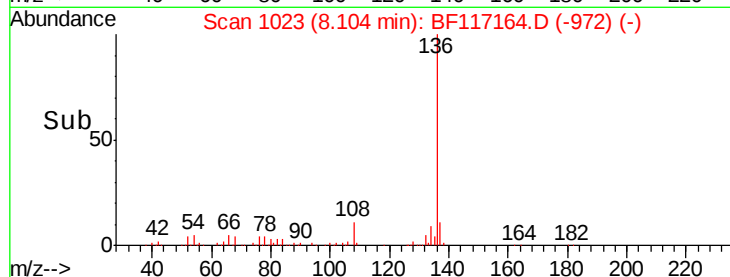
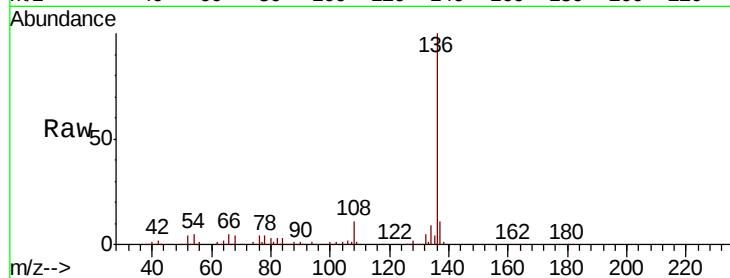
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.3 4.5 6.7

68 3.9 4.0 6.0#

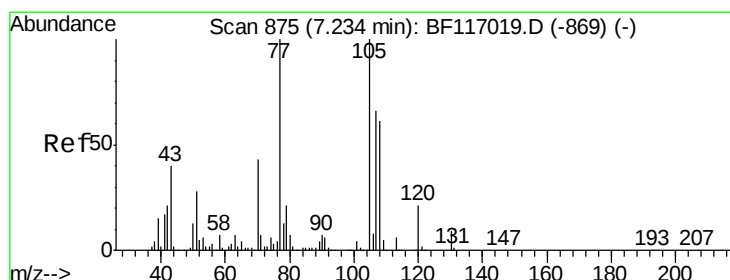
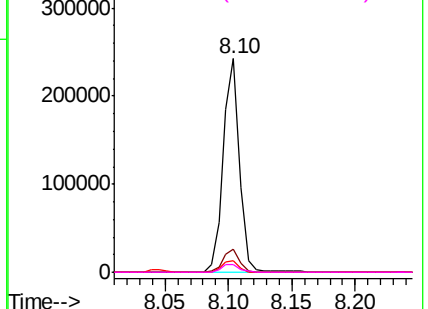


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 52.915 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Tgt Ion:105 Resp: 292301

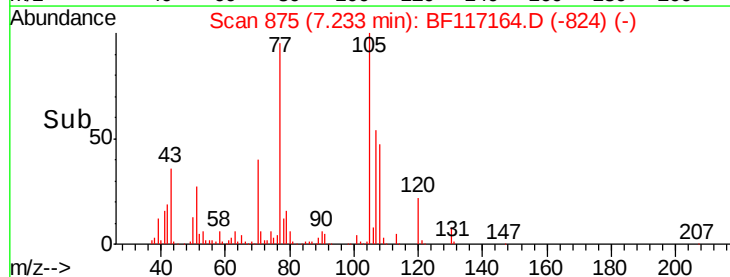
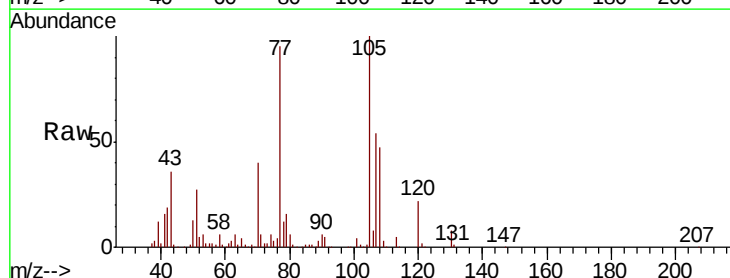
Ion Ratio Lower Upper

105 100

71 5.9 5.7 8.5

51 26.7 22.1 33.1

120 21.8 17.1 25.7

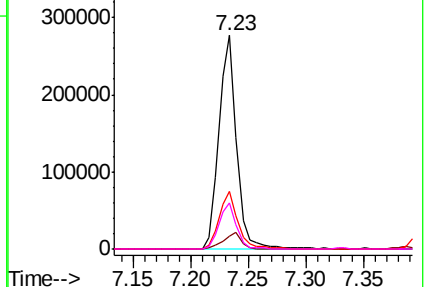


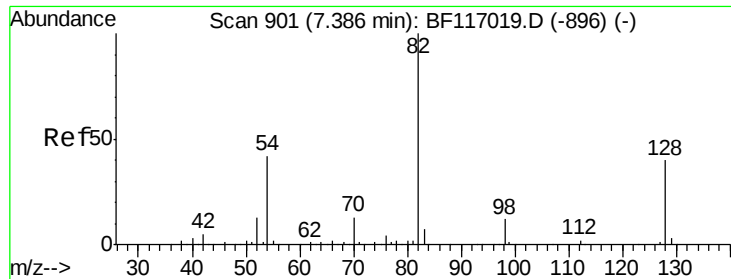
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

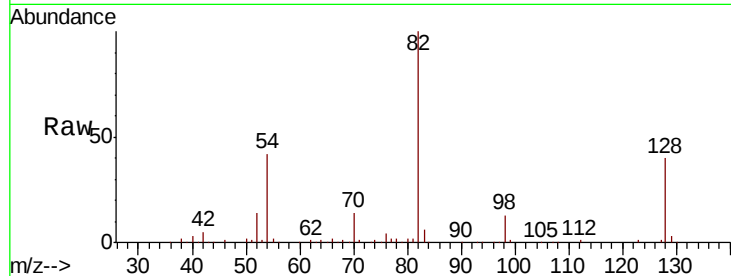




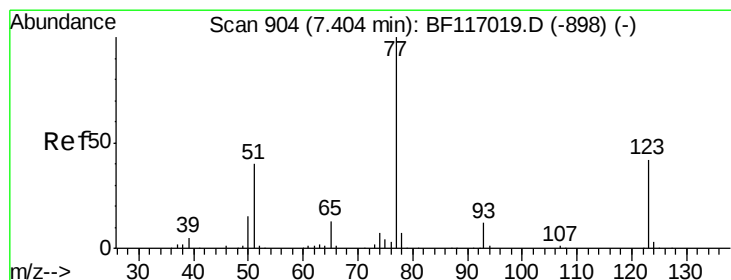
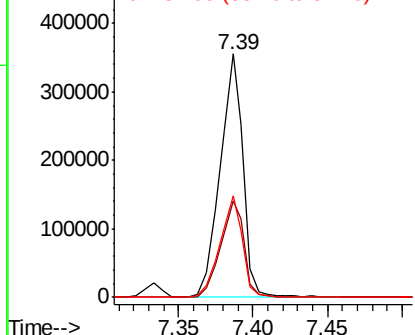
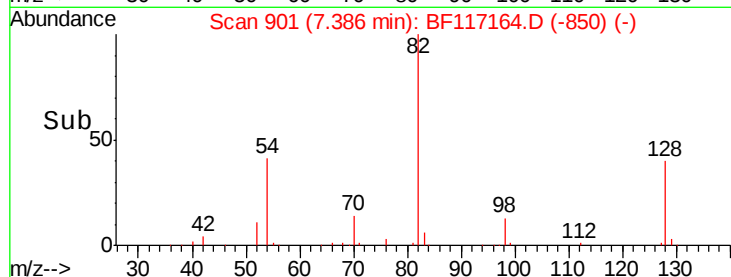
#23
 Nitrobenzene-d5
 Concen: 93.046 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117164.D
 Acq: 19 Sep 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	385025
Ion Ratio	Lower	Upper	
82	100		
128	39.5	32.3	48.5
54	41.9	33.3	49.9

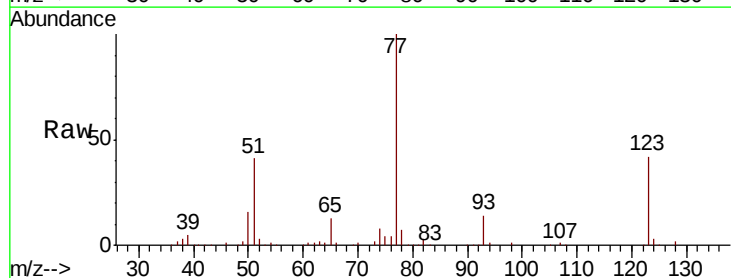


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

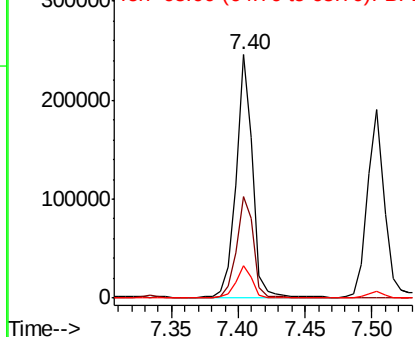
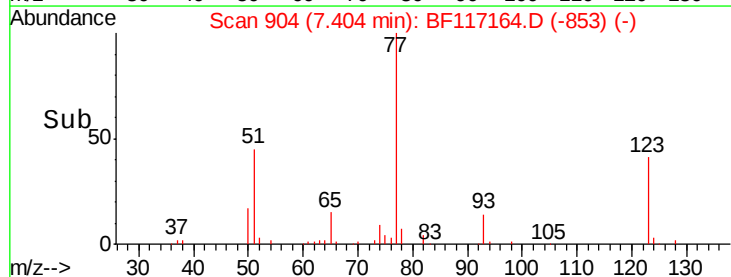


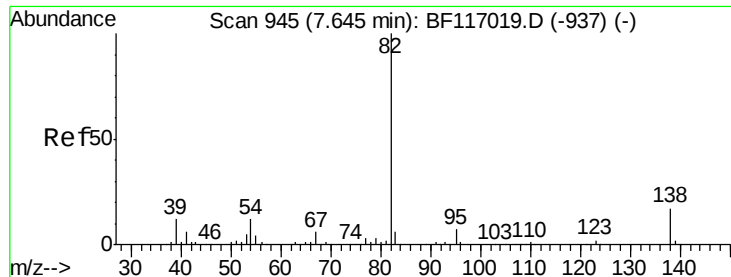
#24
 Nitrobenzene
 Concen: 51.452 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF117164.D
 Acq: 19 Sep 2019 00:00

Tgt Ion	77	Resp	210255
Ion Ratio	Lower	Upper	
77	100		
123	41.6	33.5	50.3
65	13.2	10.5	15.7



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

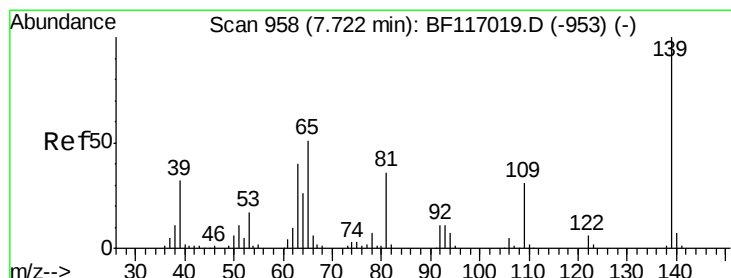
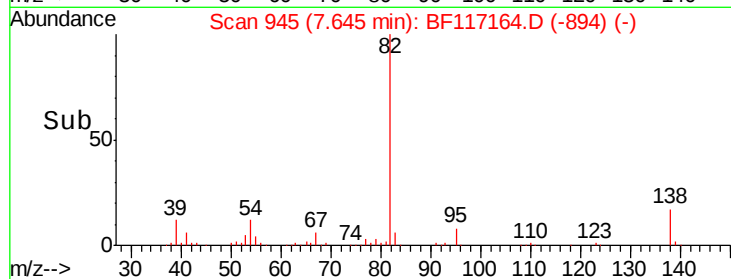
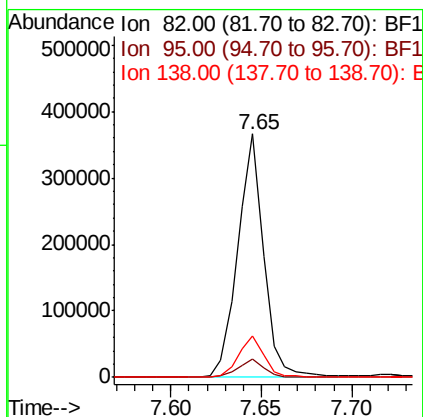
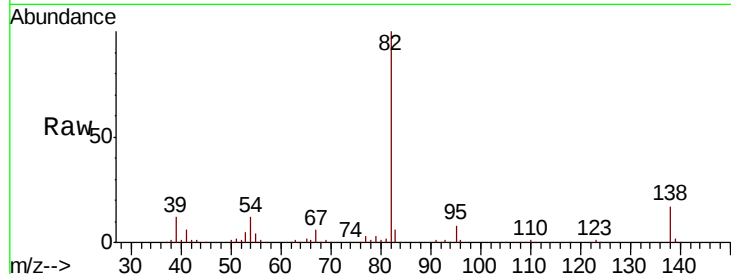




#25
Isophorone
Concen: 49.878 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

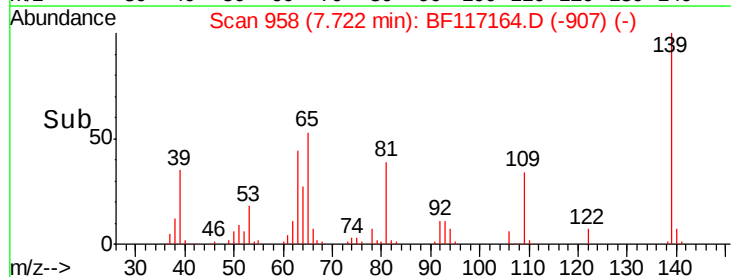
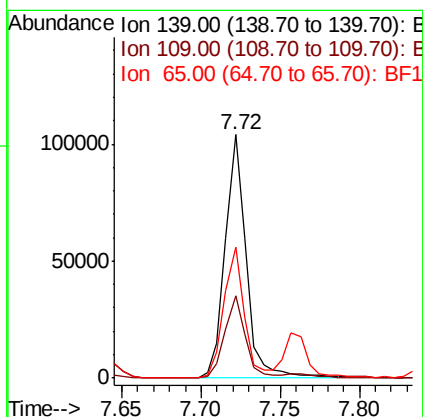
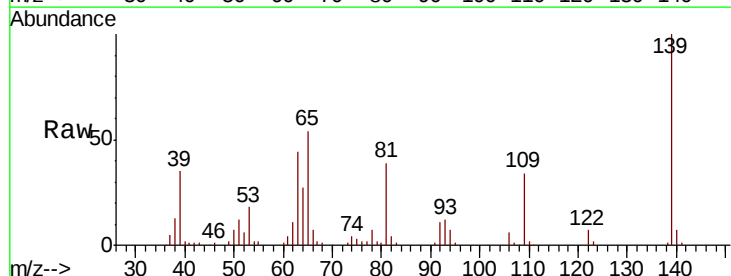
Instrument :
BNA_F
ClientSampled :

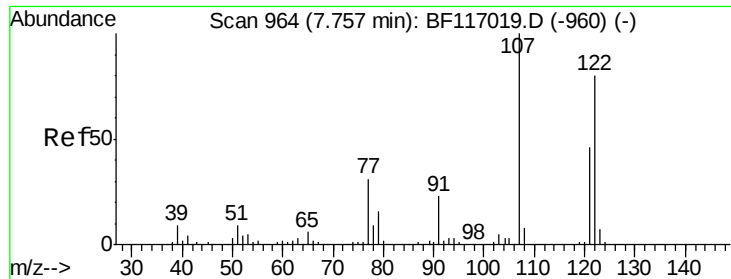
Tot Ion: 82 Resp: 365435
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 17.2 13.5 20.3



#26
2-Nitrophenol
Concen: 55.010 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion: 139 Resp: 96557
Ion Ratio Lower Upper
139 100
109 33.7 24.6 36.8
65 54.0 40.9 61.3

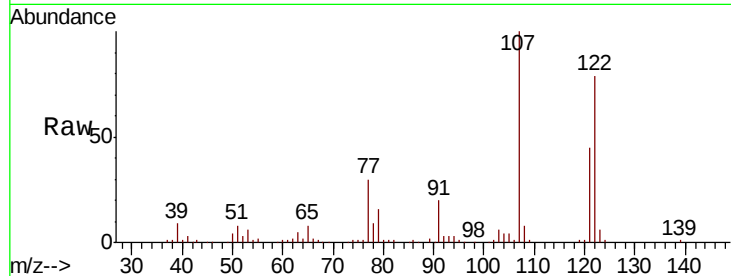




#27
2,4-Dimethylphenol
Concen: 59.505 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.4	98.9	148.3
121	56.8	45.3	67.9

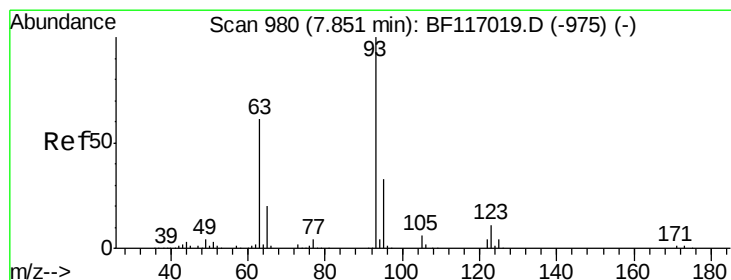
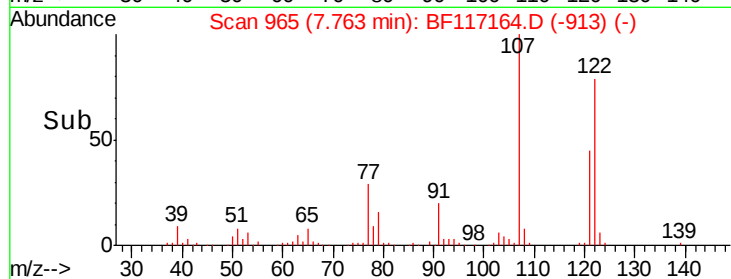
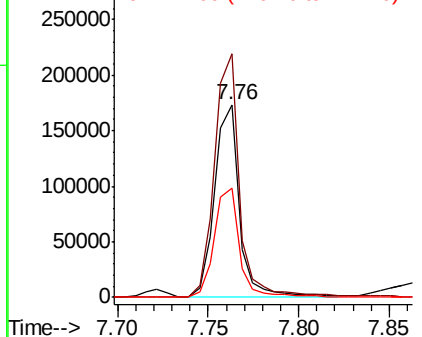


Abundance

Ion 122.00 (121.70 to 122.70): E

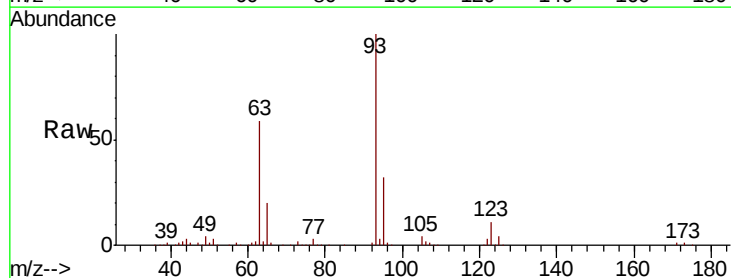
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 48.760 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.4
123	11.1	9.0	13.6

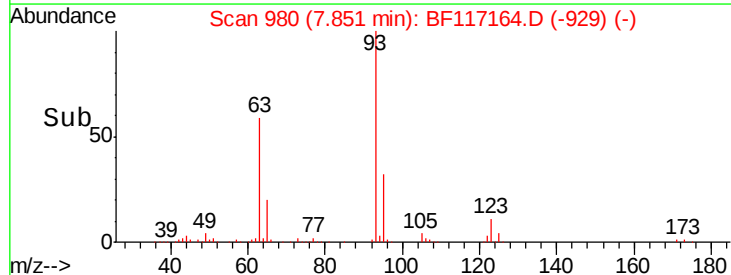
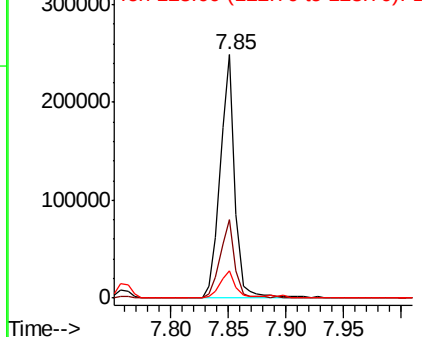


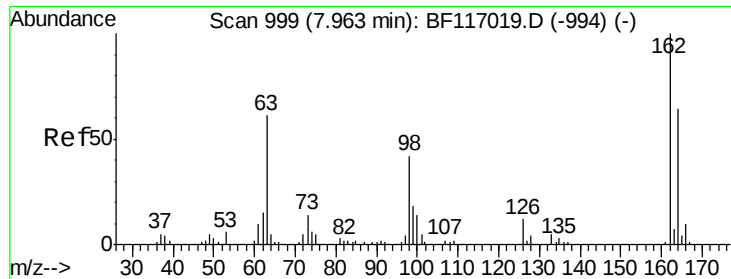
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

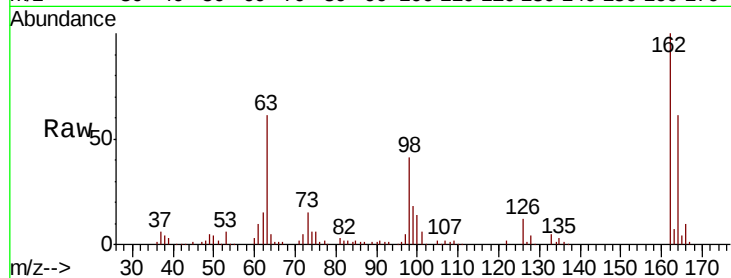




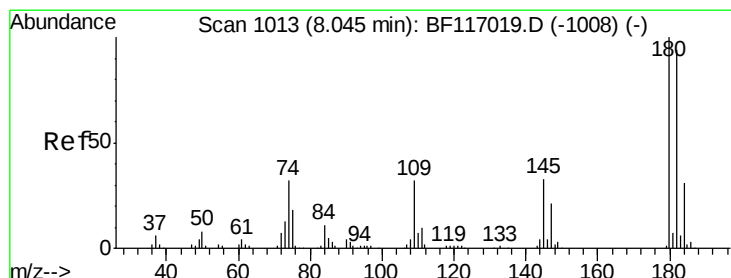
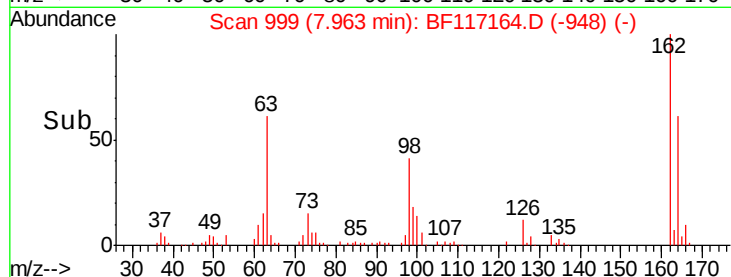
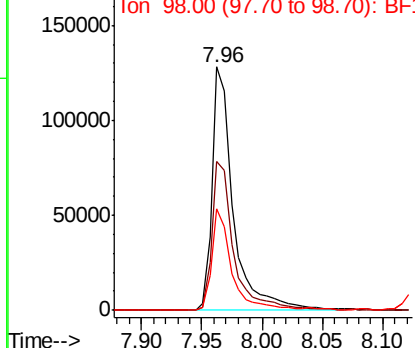
#29
2,4-Dichlorophenol
Concen: 53.176 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	43.8	83.8
98	41.5	22.1	62.1

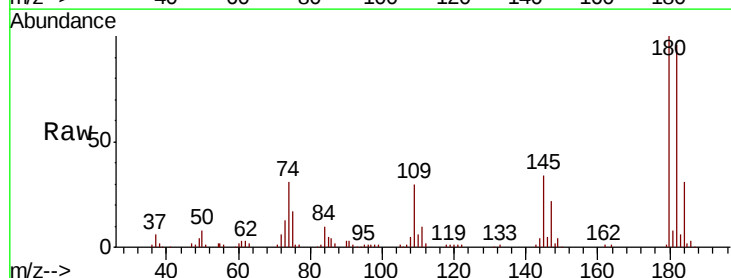


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

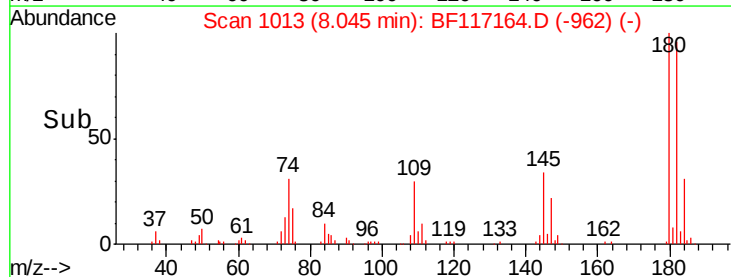
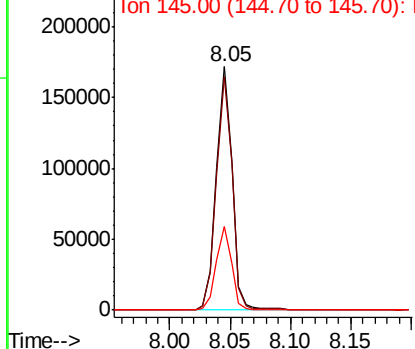


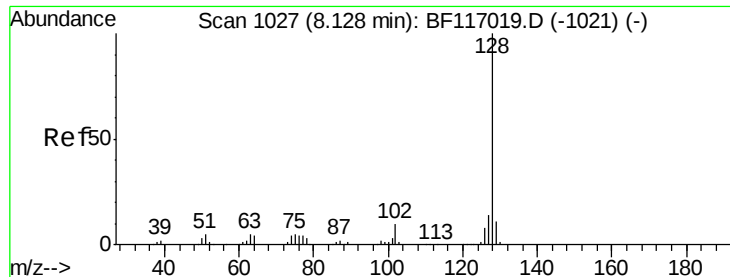
#30
1,2,4-Trichlorobenzene
Concen: 48.992 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.4	113.0
145	34.3	26.7	40.1



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

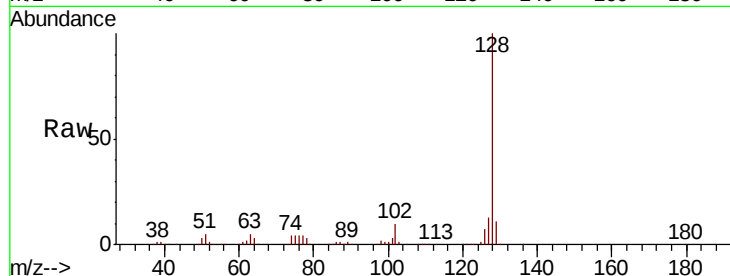




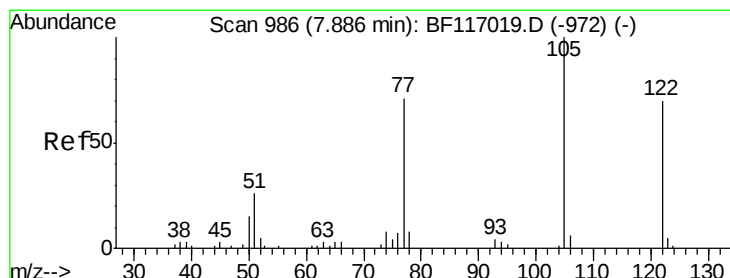
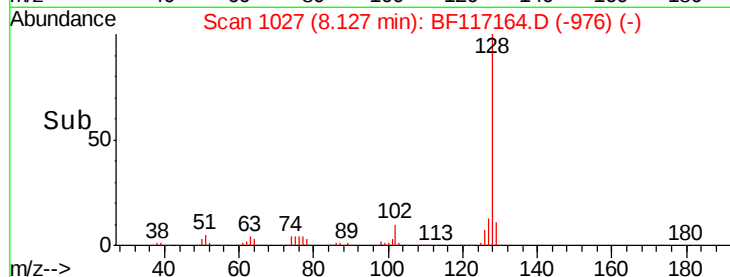
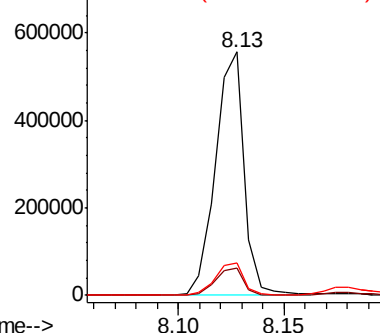
#31
Naphthalene
Concen: 50.034 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.1	10.8	16.2

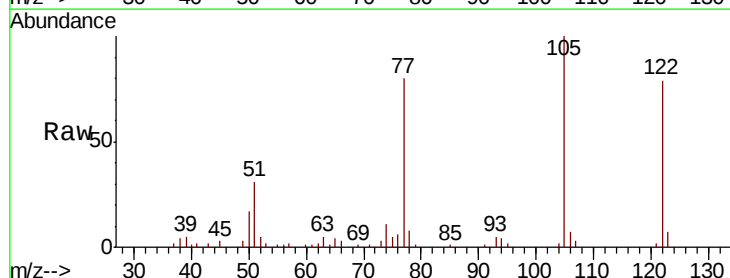


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

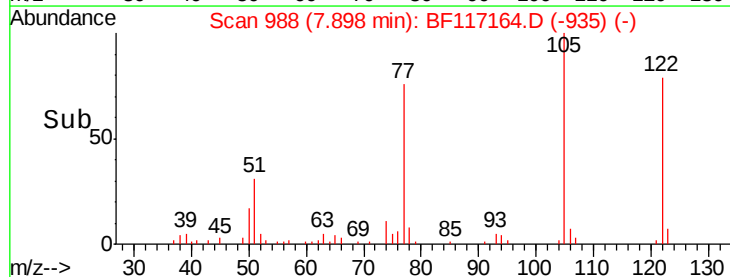
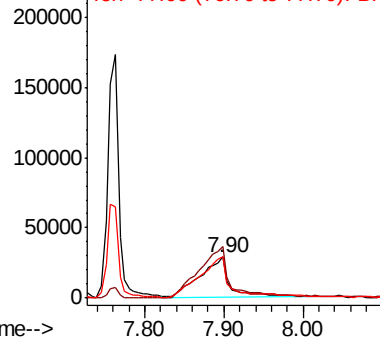


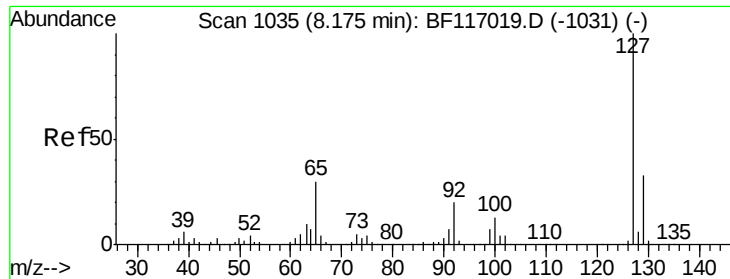
#32
Benzoic acid
Concen: 37.168 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.8	114.8	154.8
77	101.2	78.7	118.7



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

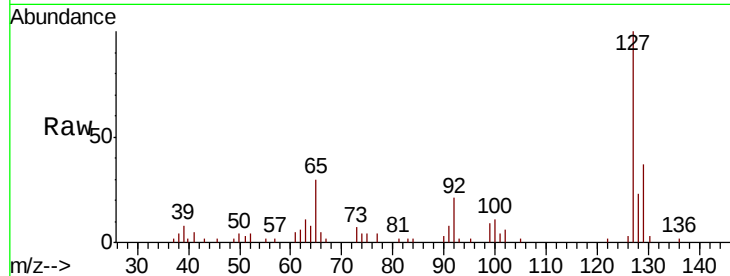




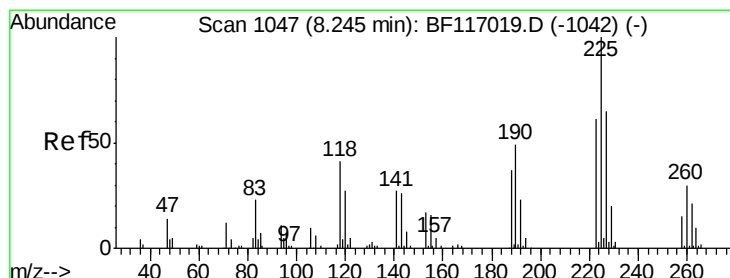
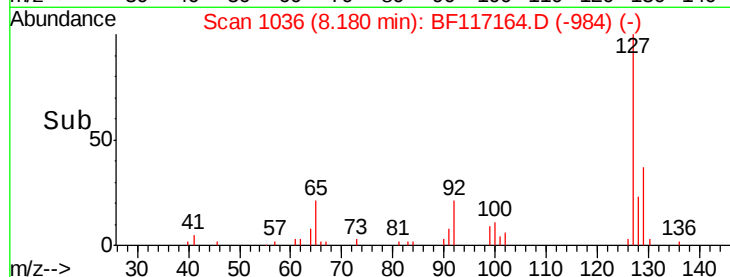
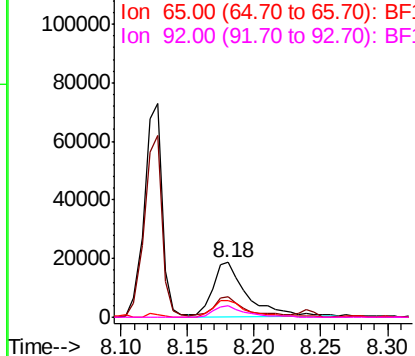
#33
4-Chloroaniline
Concen: 7.038 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	32639	
Ion Ratio	Lower	Upper	
127 100			
129 37.4	26.2	39.2	
65 30.4	23.5	35.3	
92 20.9	15.9	23.9	

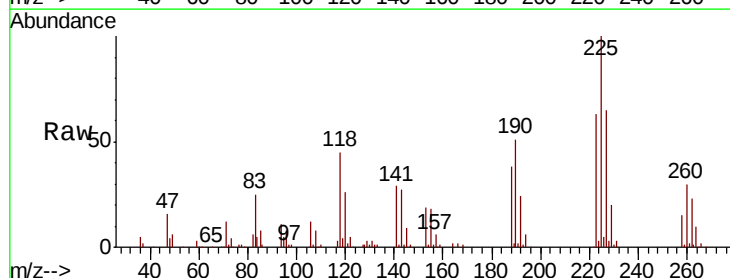


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

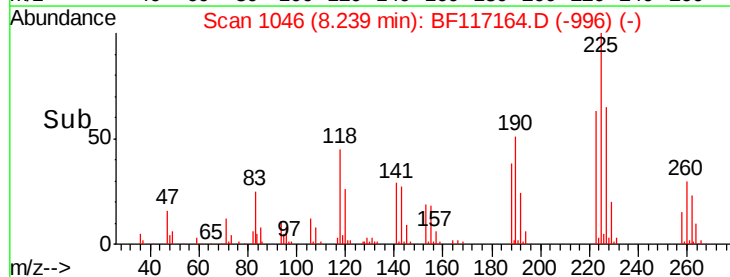
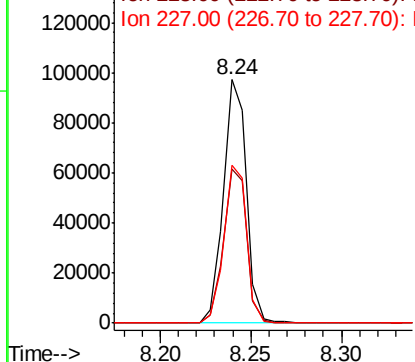


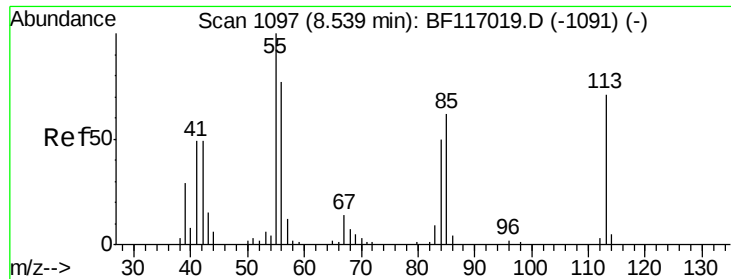
#34
Hexachlorobutadiene
Concen: 48.099 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt	Ion:225	Resp:	85987
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.1	73.7
227	64.9	52.2	78.2



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

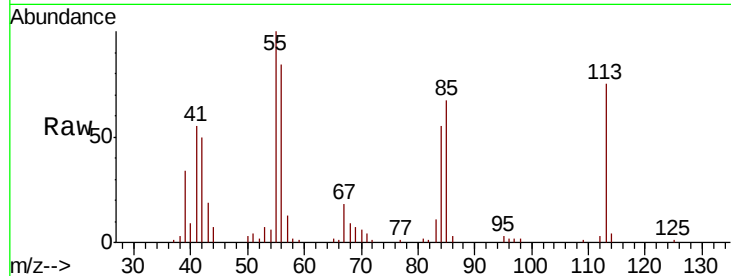




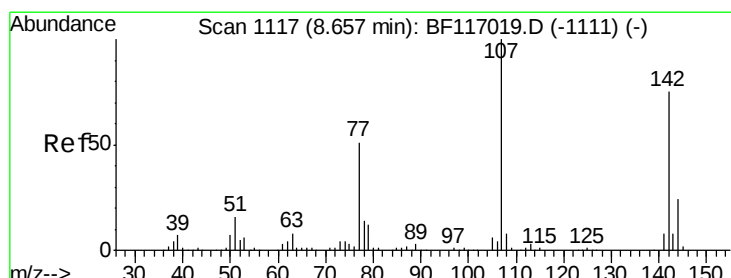
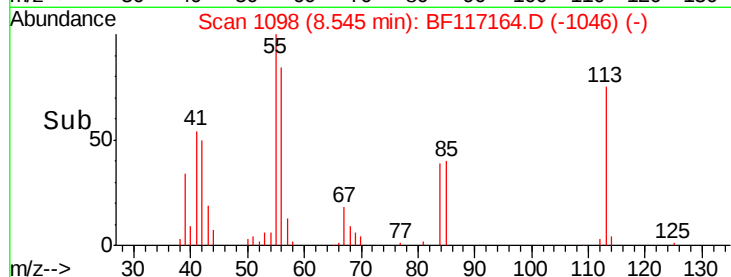
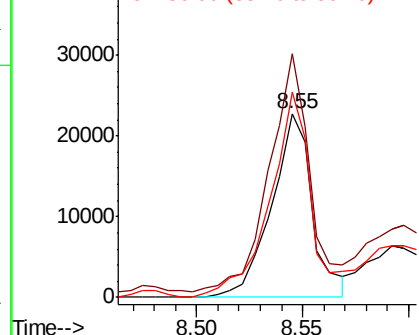
#35
Caprolactam
Concen: 30.868 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 30473
Ion Ratio Lower Upper
113 100
55 132.7 120.6 160.6
56 111.6 88.8 128.8

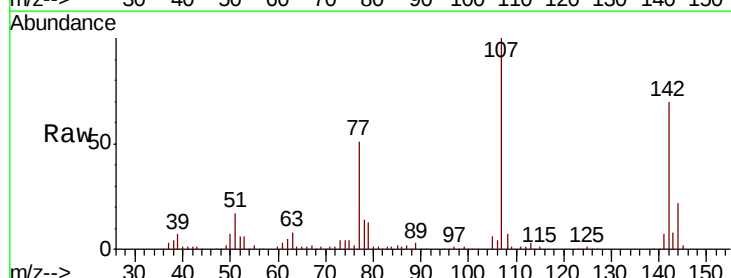


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

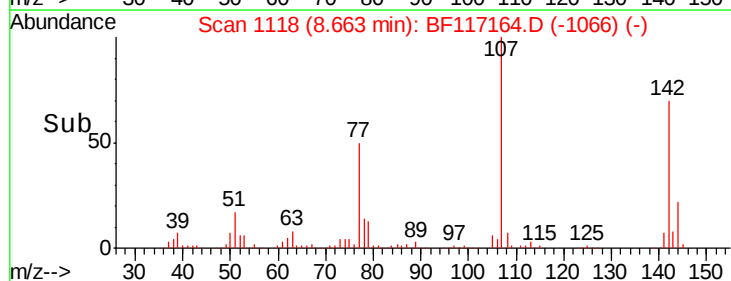
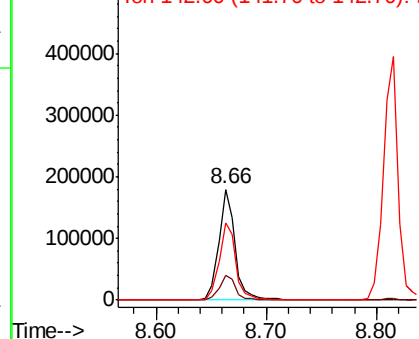


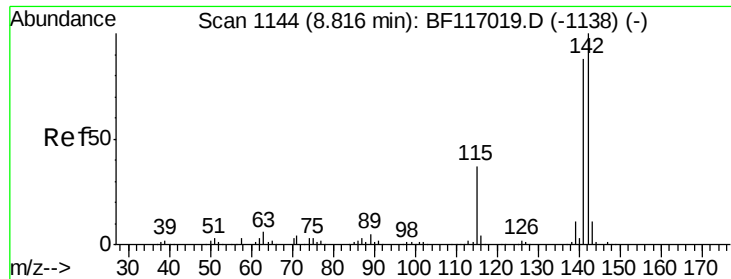
#36
4-Chloro-3-methylphenol
Concen: 53.819 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion:107 Resp: 183028
Ion Ratio Lower Upper
107 100
144 22.5 19.2 28.8
142 70.0 59.6 89.4



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

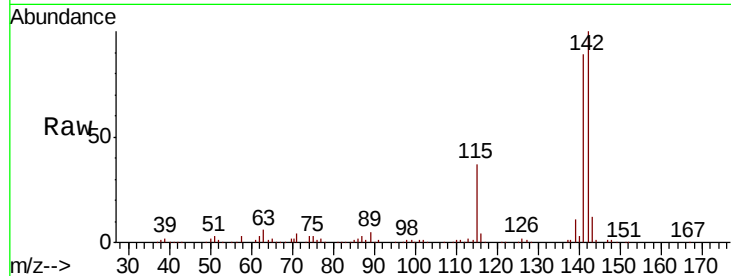




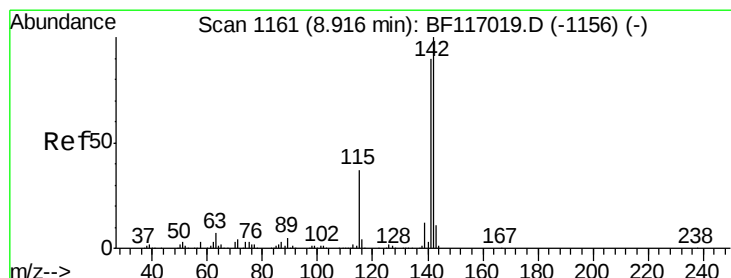
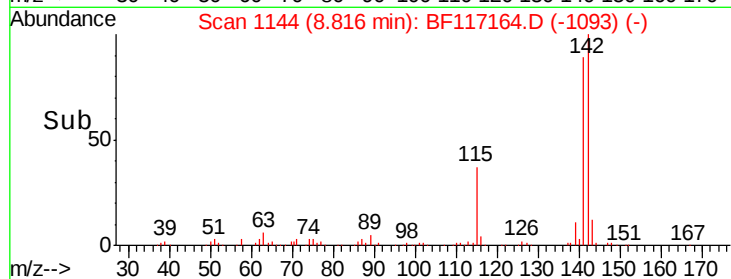
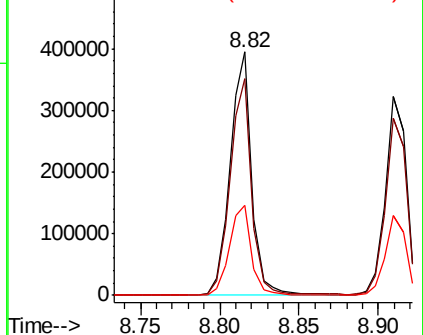
#37
2-Methylnaphthalene
Concen: 52.951 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 372847
Ion Ratio Lower Upper
142 100
141 89.2 70.7 106.1
115 37.1 29.4 44.0

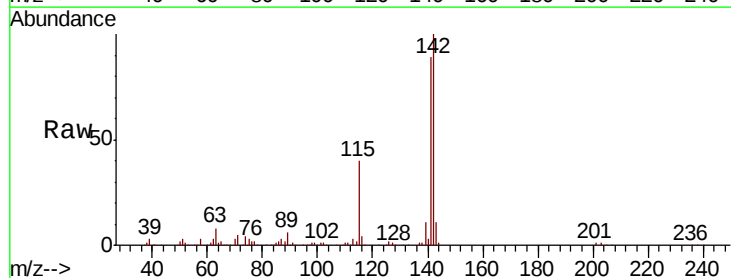


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

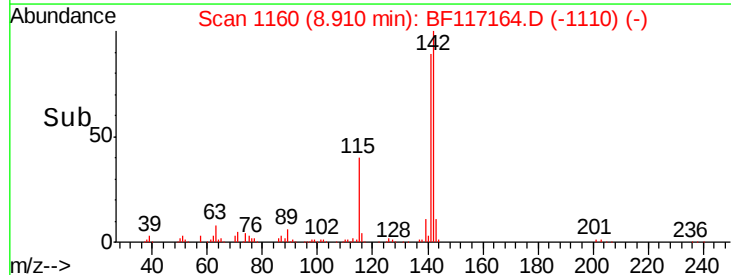
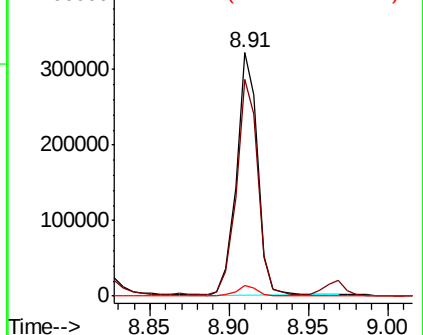


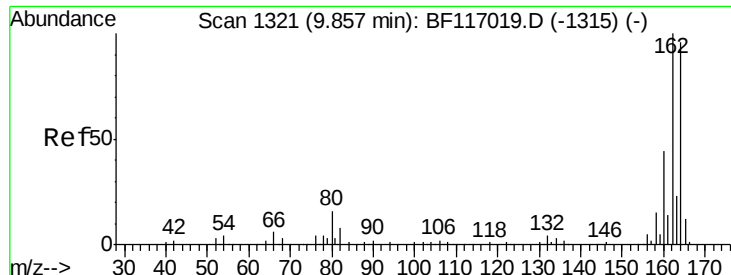
#38
1-Methylnaphthalene
Concen: 44.756 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion:142 Resp: 295154
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9
116 4.1 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

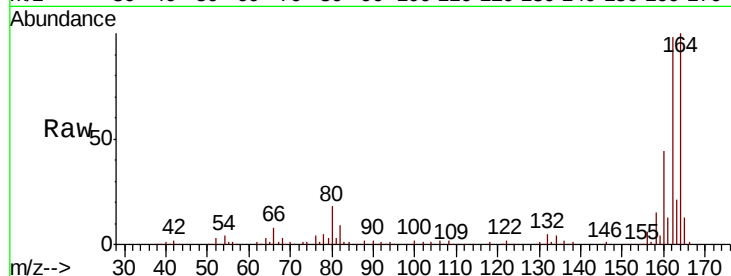
Tot Ion:164 Resp: 110673

Ion Ratio Lower Upper

164 100

162 98.4 83.4 125.2

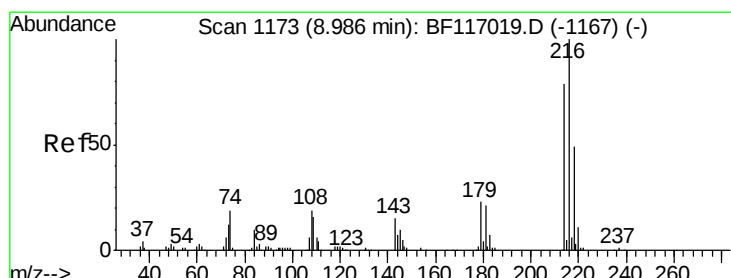
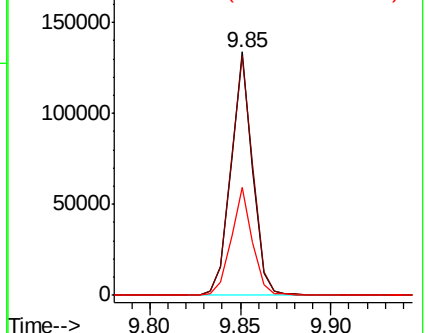
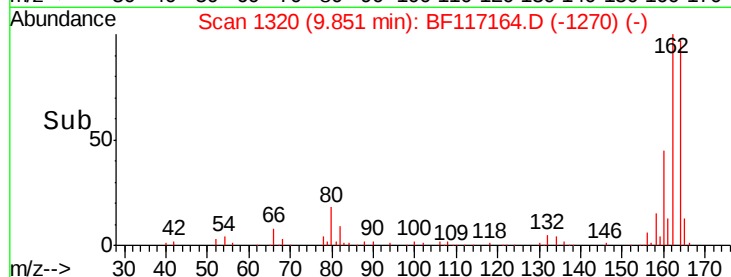
160 44.3 36.4 54.6



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: 46.926 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Tgt Ion:216 Resp: 134109

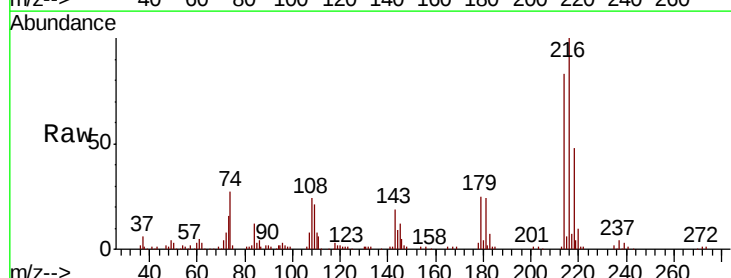
Ion Ratio Lower Upper

216 100

214 80.0 63.6 95.4

179 23.5 18.3 27.5

108 25.1 17.8 26.6

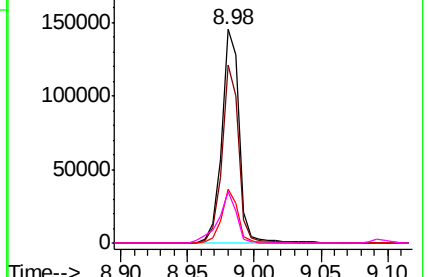
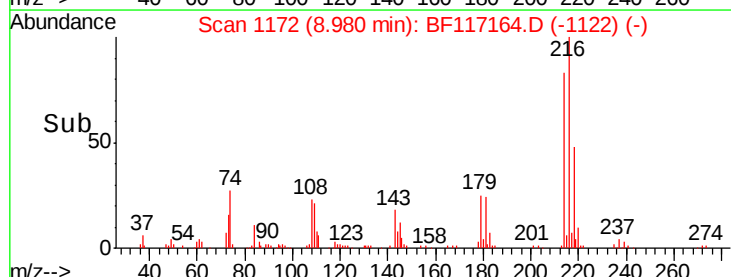


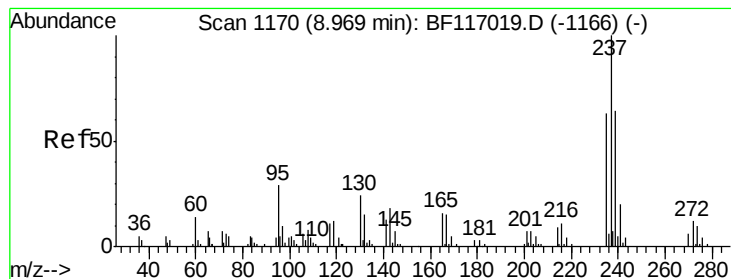
Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.478 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

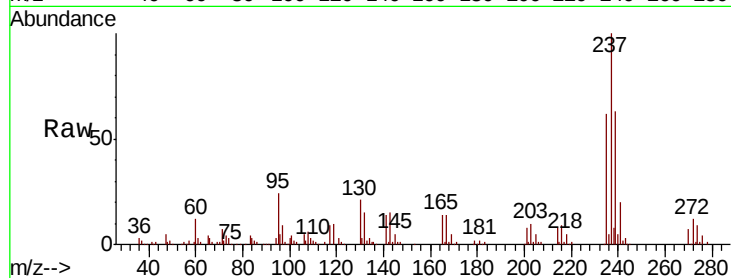
Tot Ion:237 Resp: 114335

Ion Ratio Lower Upper

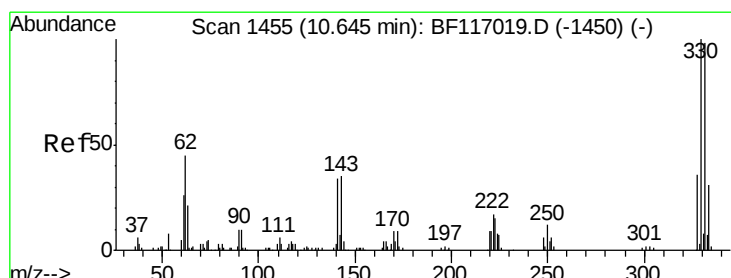
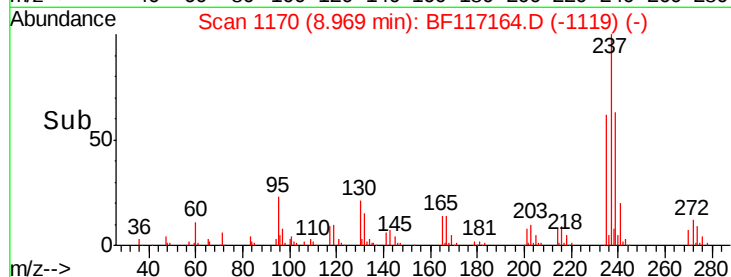
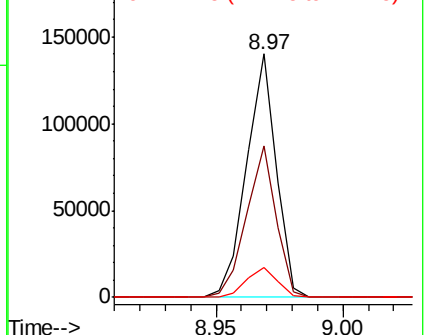
237 100

235 62.3 43.2 83.2

272 12.4 0.0 31.9



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: 142.642 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

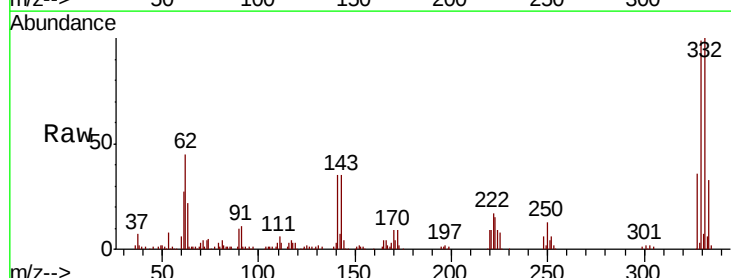
Tgt Ion:330 Resp: 131940

Ion Ratio Lower Upper

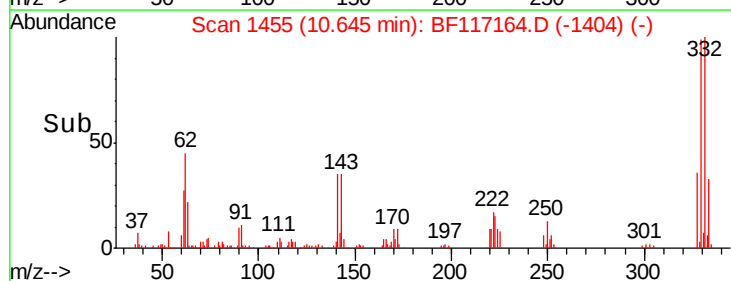
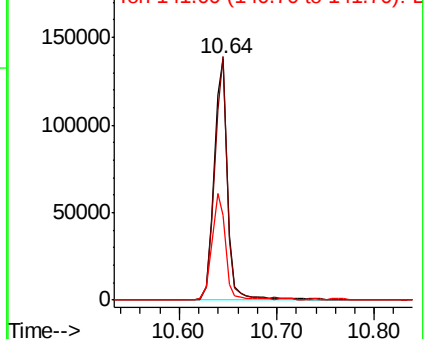
330 100

332 95.8 78.0 117.0

141 45.0 35.8 53.6



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

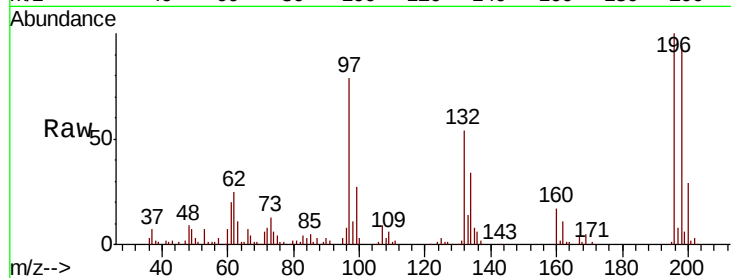




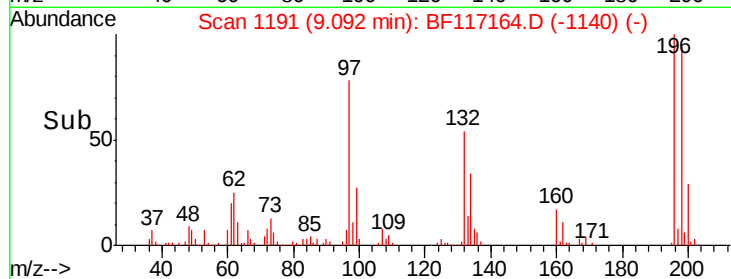
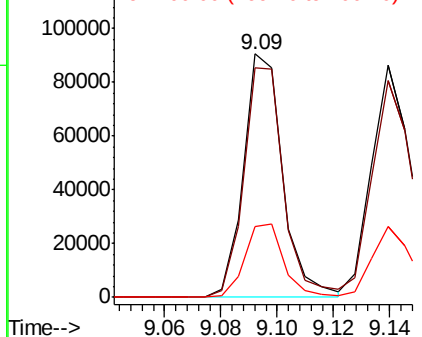
#43
 2,4,6-Trichlorophenol
 Concen: 44.858 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF117164.D
 Acq: 19 Sep 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 86999
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 29.0 23.3 34.9



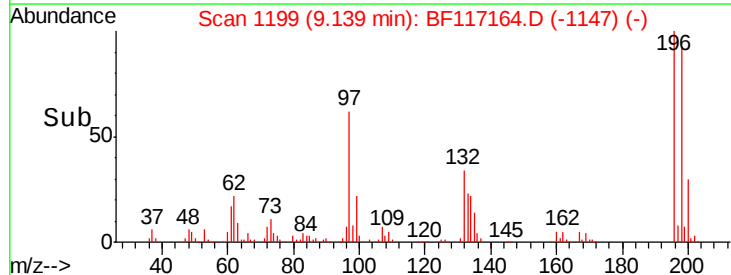
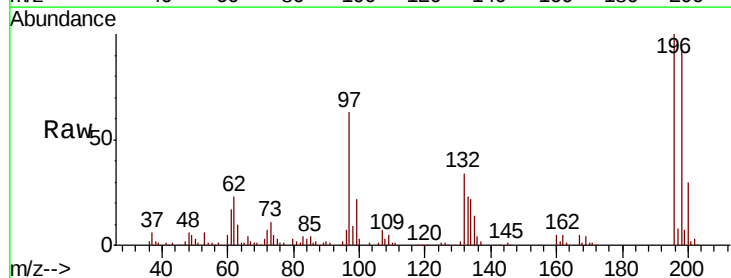
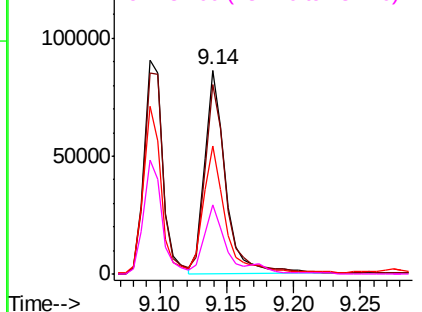
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

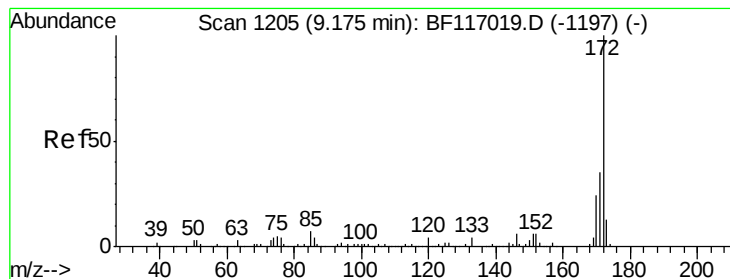


#44
 2,4,5-Trichlorophenol
 Concen: 45.361 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117164.D
 Acq: 19 Sep 2019 00:00

Tgt Ion:196 Resp: 93994
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.6 112.0
 97 63.0 49.5 74.3
 132 33.8 27.4 41.2

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: 78.642 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

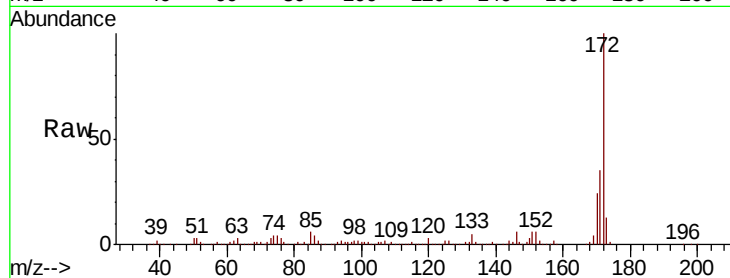
Tot Ion:172 Resp: 556642

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

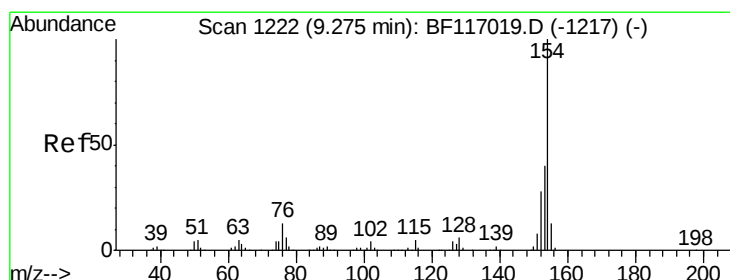
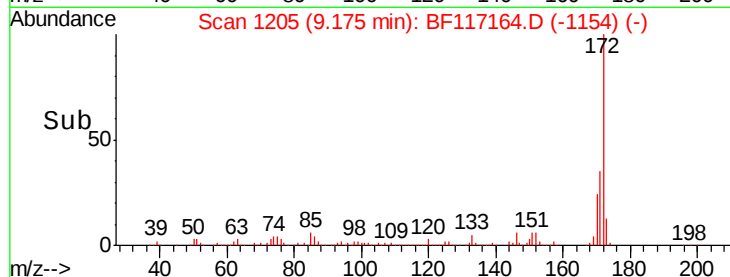
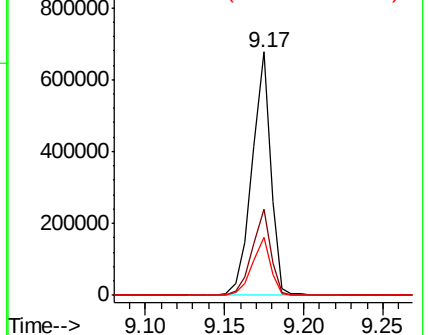
170 23.7 18.9 28.3



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: 49.305 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

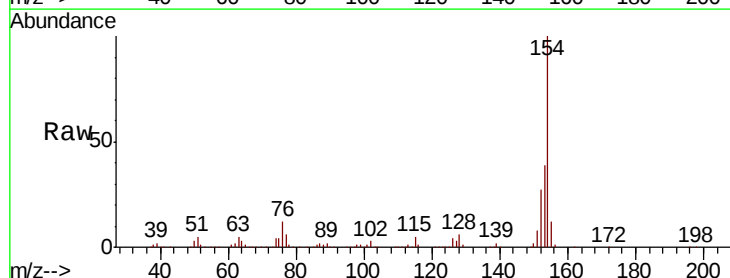
Tgt Ion:154 Resp: 428028

Ion Ratio Lower Upper

154 100

153 39.0 20.0 60.0

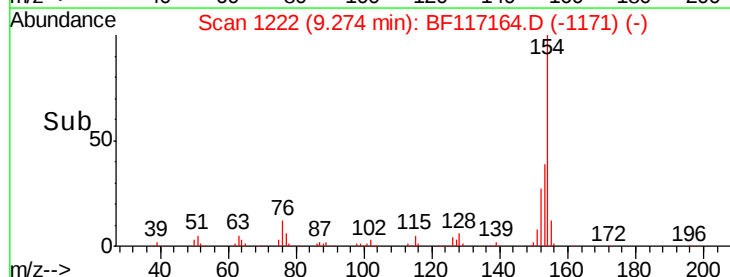
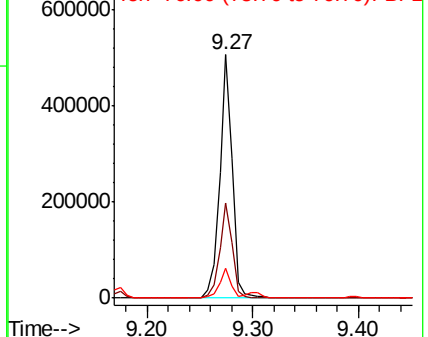
76 12.1 0.0 32.7

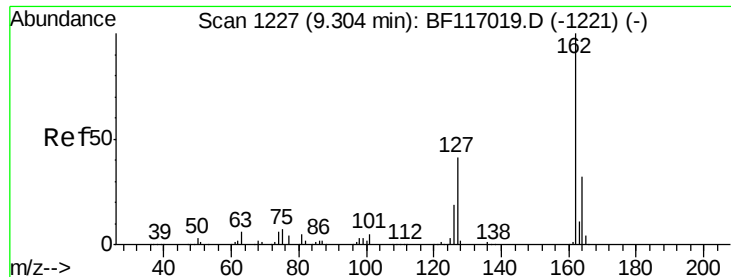


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

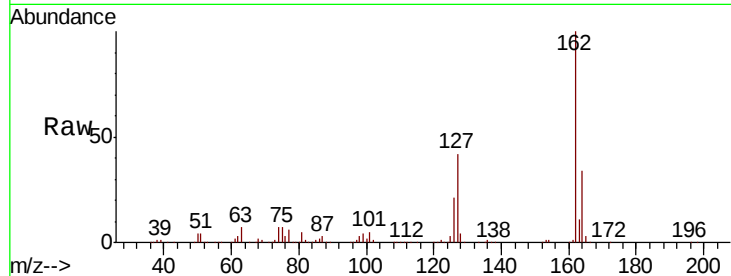




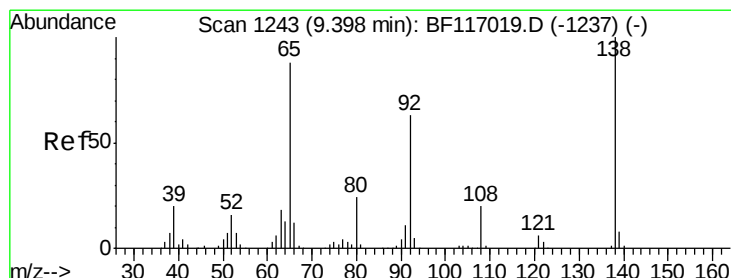
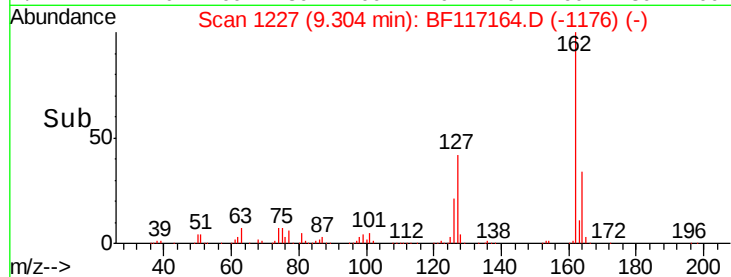
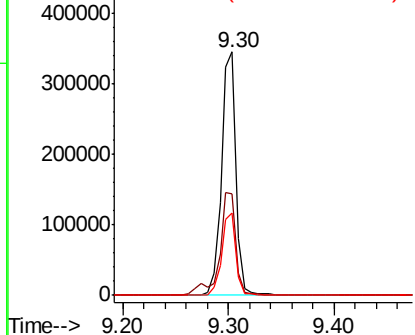
#47
 2-Chloronaphthalene
 Concen: 48.710 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF117164.D
 Acq: 19 Sep 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	333729
Ion	Ratio	Lower	Upper
162	100		
127	41.7	34.1	51.1
164	33.7	25.9	38.9

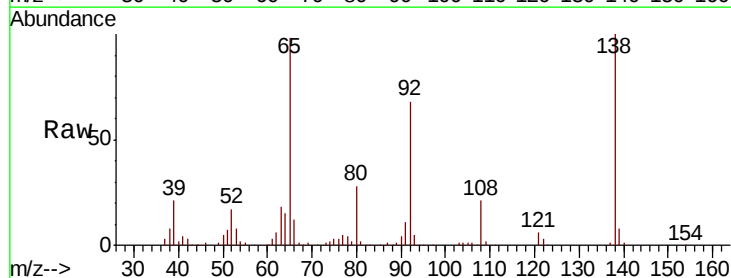


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

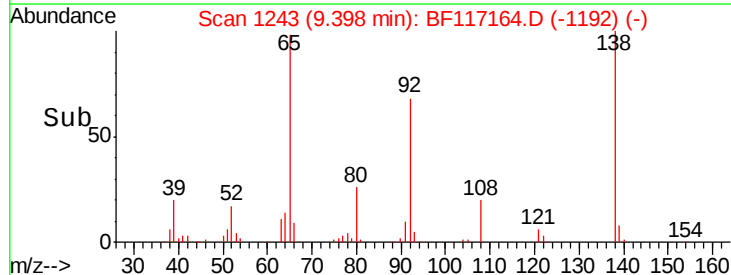
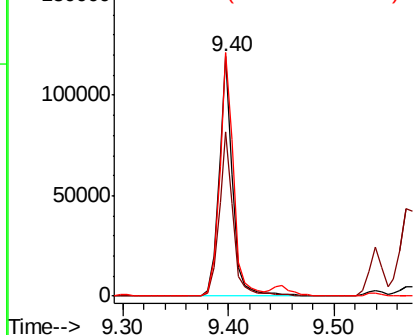


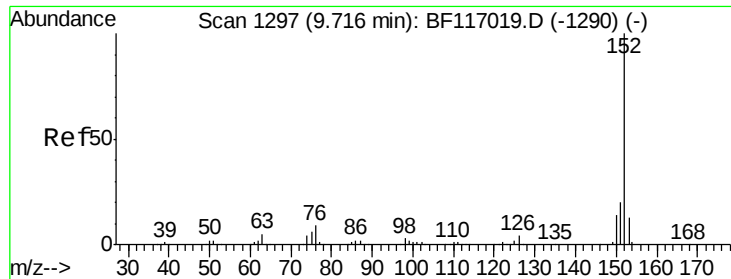
#48
 2-Nitroaniline
 Concen: 49.358 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF117164.D
 Acq: 19 Sep 2019 00:00

Tgt Ion:	65	Resp:	108468
Ion	Ratio	Lower	Upper
65	100		
92	68.8	57.5	86.3
138	101.7	90.6	136.0



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: 49.210 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

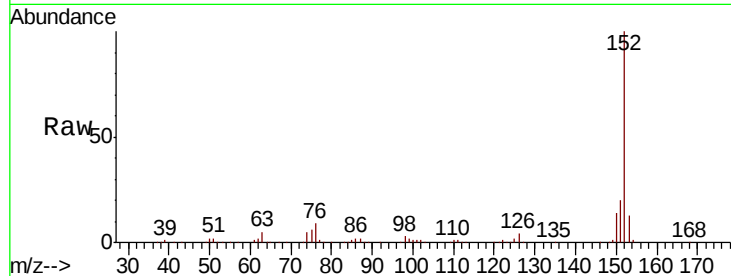
Tot Ion:152 Resp: 505074

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

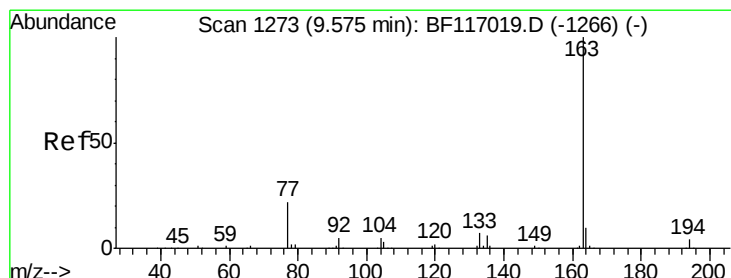
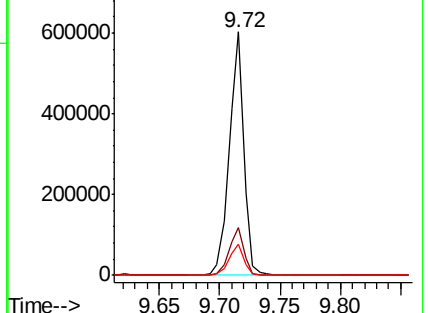
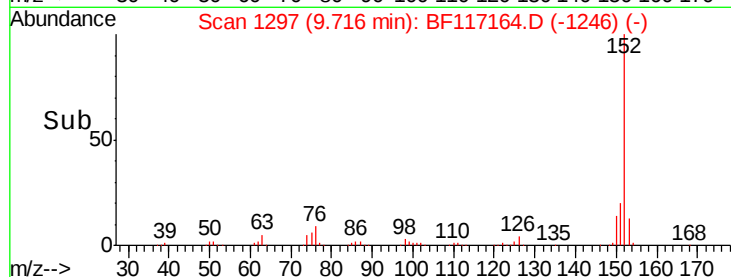
153 13.0 10.2 15.4



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: 61.392 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

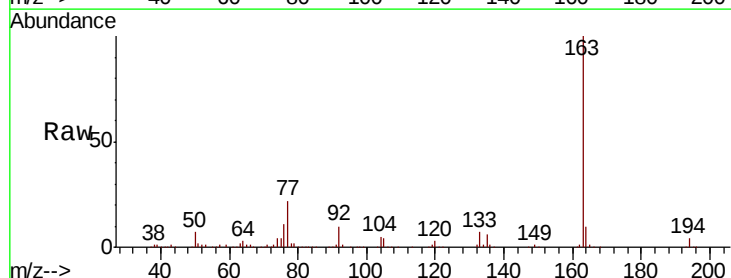
Tgt Ion:163 Resp: 481080

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

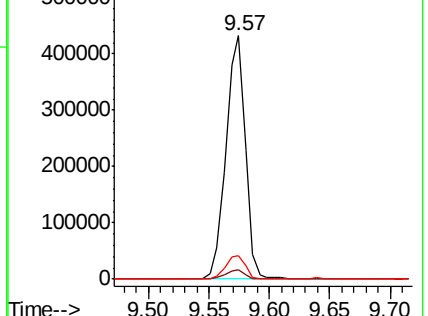
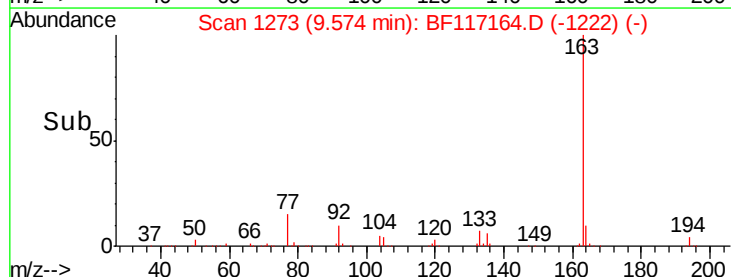
164 9.6 8.2 12.4

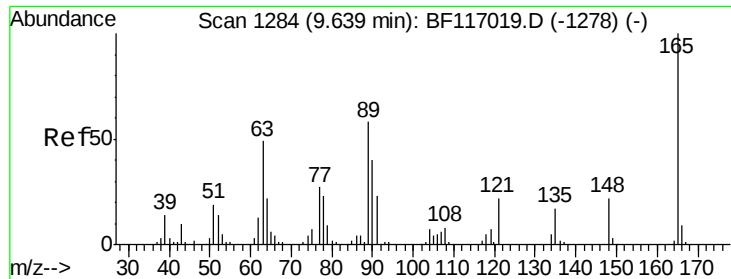


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

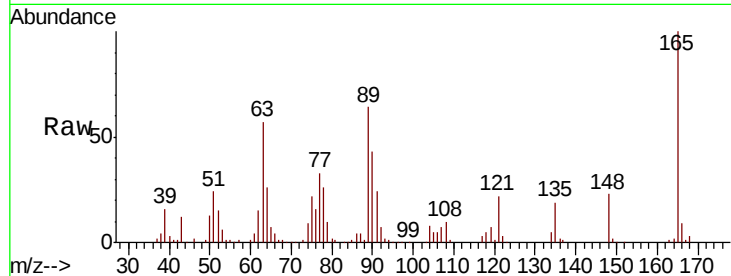




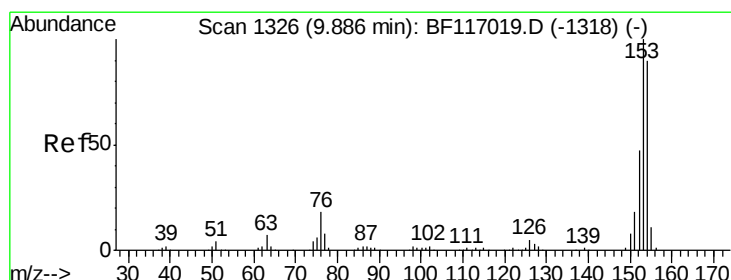
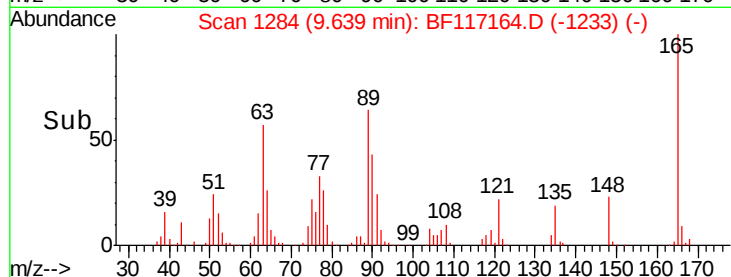
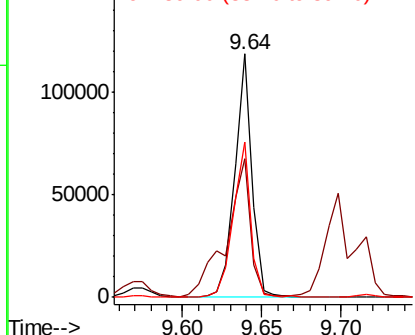
#51
2,6-Dinitrotoluene
Concen: 56.378 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 89978
Ion Ratio Lower Upper
165 100
63 57.0 41.8 62.8
89 63.6 46.5 69.7

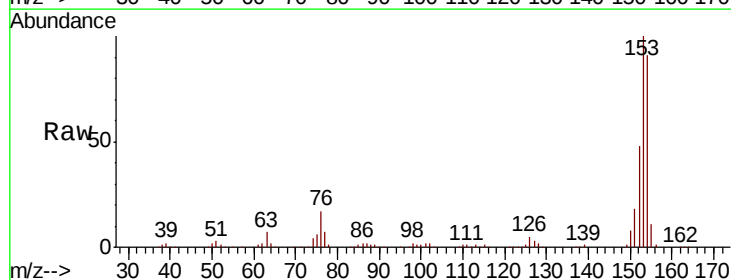


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

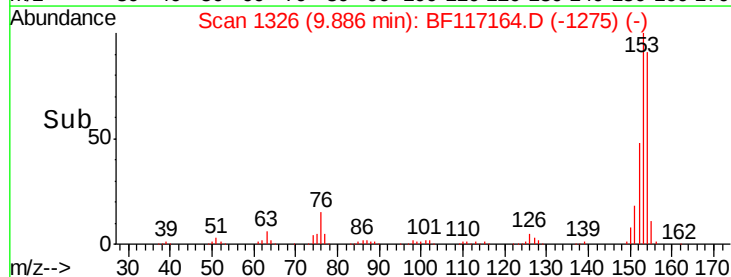
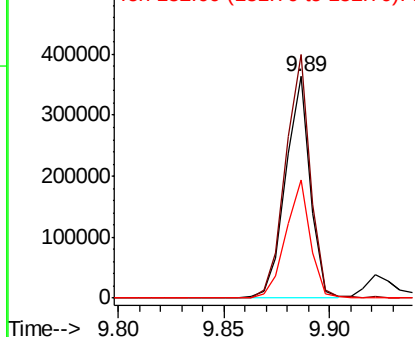


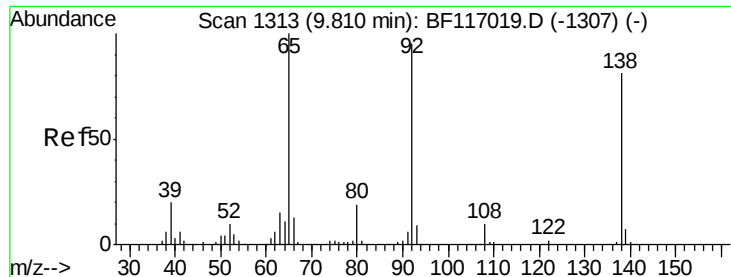
#52
Acenaphthene
Concen: 48.583 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion:154 Resp: 295584
Ion Ratio Lower Upper
154 100
153 109.9 89.0 133.6
152 53.3 41.9 62.9



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

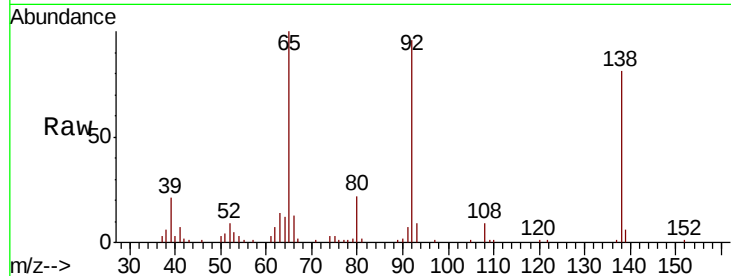




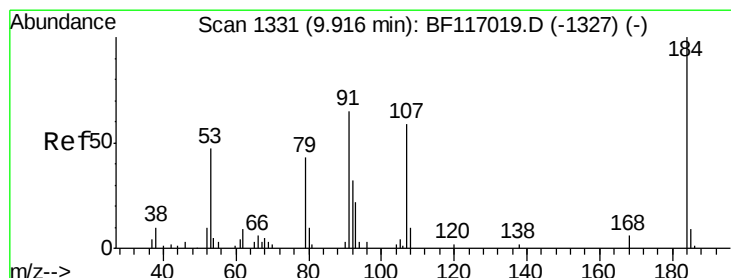
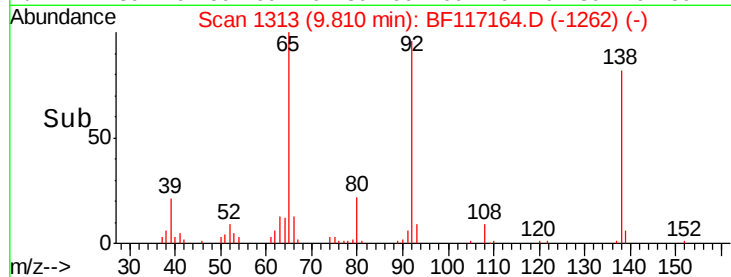
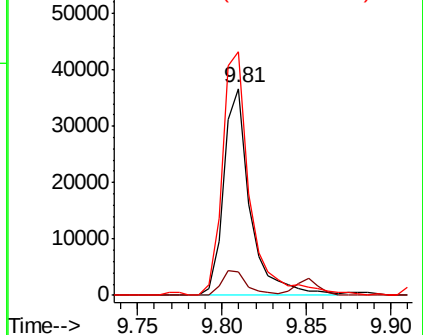
#53
3-Nitroaniline
Concen: 19.816 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 39903
Ion Ratio Lower Upper
138 100
108 11.2 9.5 14.3
92 117.8 94.1 141.1

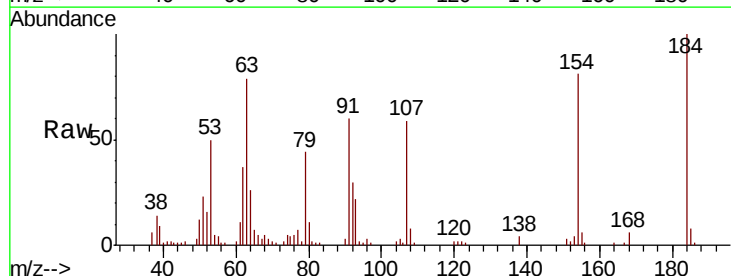


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

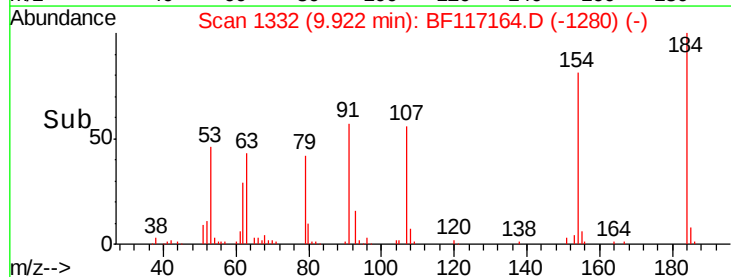
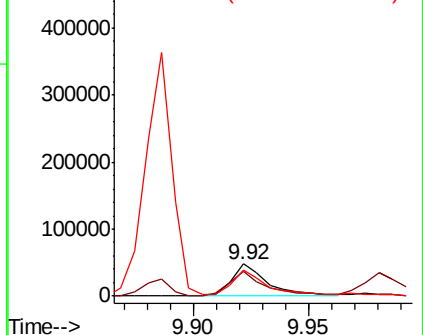


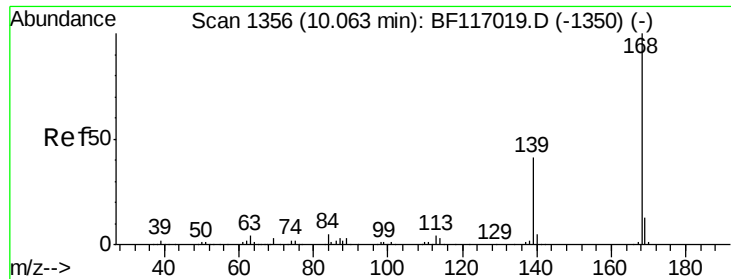
#54
2,4-Dinitrophenol
Concen: 76.106 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion:184 Resp: 52100
Ion Ratio Lower Upper
184 100
63 79.1 63.8 95.6
154 80.9 60.4 90.6



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: 49.625 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

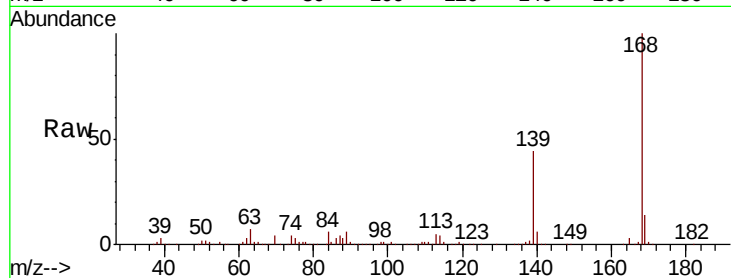
Tot Ion:168 Resp: 445469

Ion Ratio Lower Upper

168 100

139 44.4 32.8 49.2

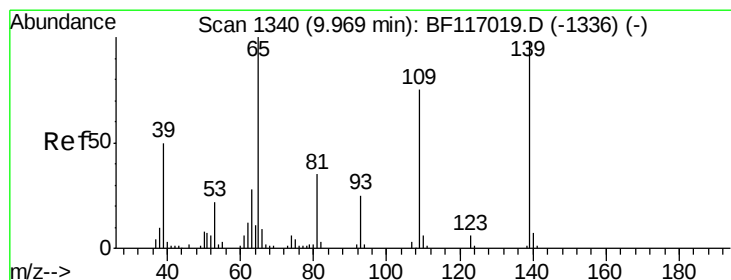
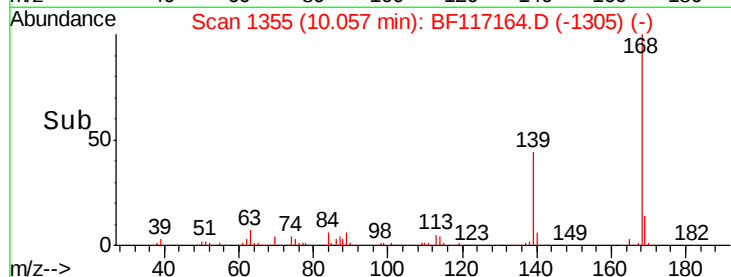
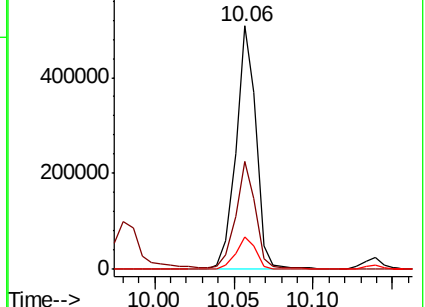
169 13.5 10.5 15.7



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: 91.430 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

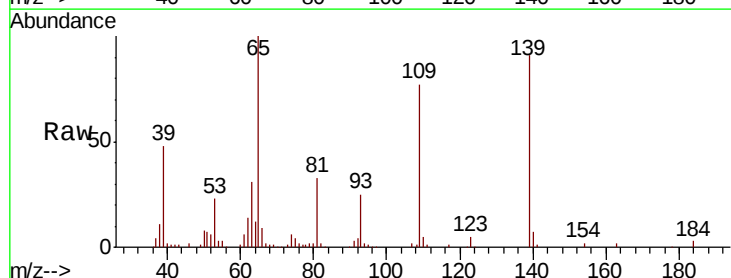
Tgt Ion:139 Resp: 119322

Ion Ratio Lower Upper

139 100

109 85.1 56.4 96.4

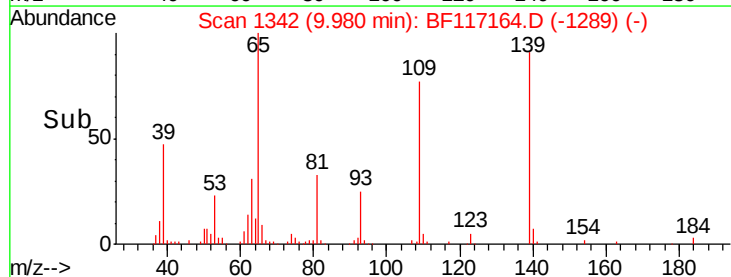
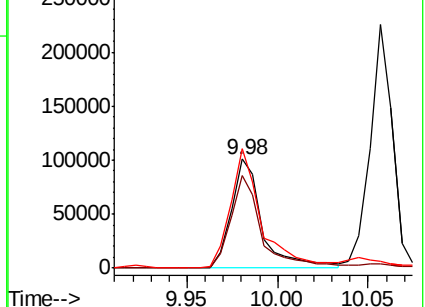
65 110.5 82.5 122.5



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

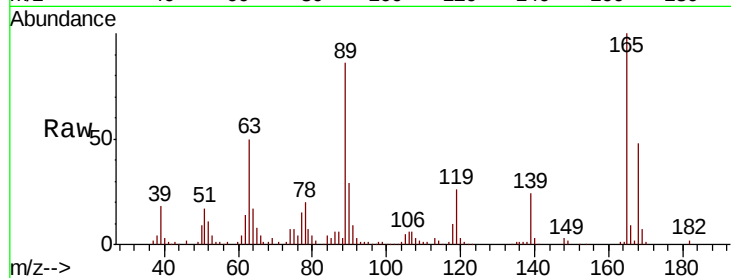




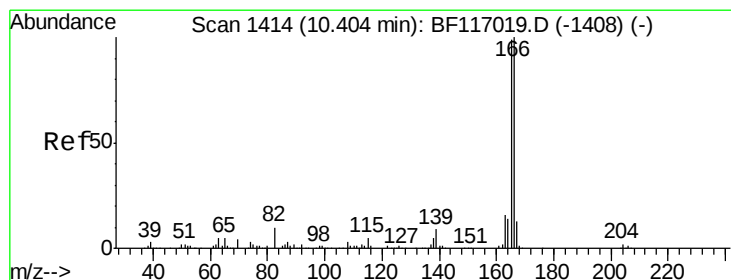
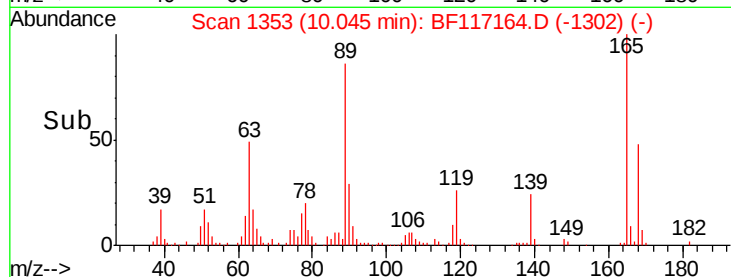
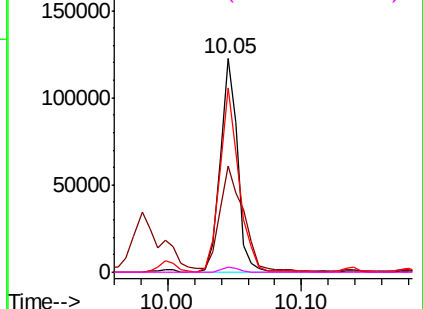
#57
2,4-Dinitrotoluene
Concen: 54.620 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	113155
Ion	Ratio	Lower	Upper
165	100		
63	49.5	35.0	52.4
89	86.5	66.1	99.1
182	2.5	2.0	3.0

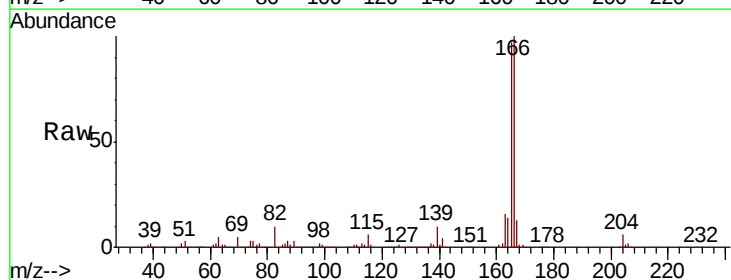


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

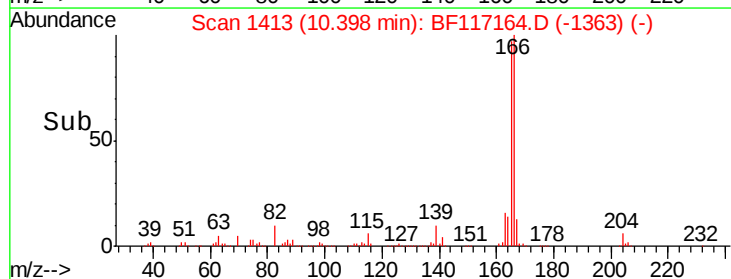
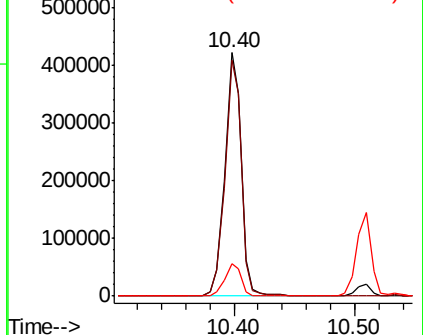


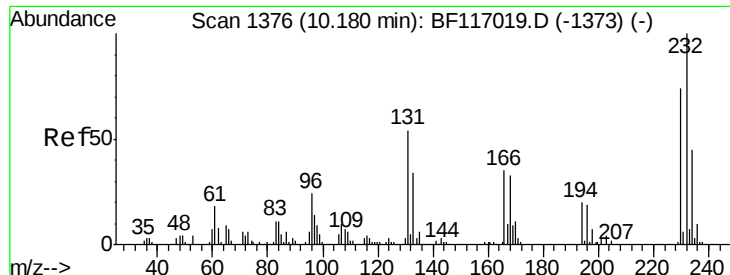
#58
Fluorene
Concen: 54.520 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion:	166	Resp:	394233
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.9	118.3
167	13.1	10.6	15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.463 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 80019

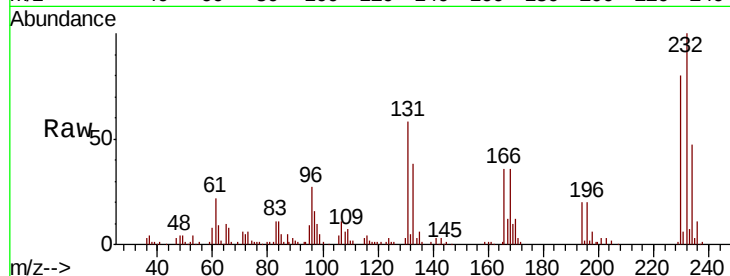
Ion Ratio Lower Upper

232 100

131 59.4 45.3 67.9

130 2.8 1.8 2.8#

166 36.9 29.4 44.2

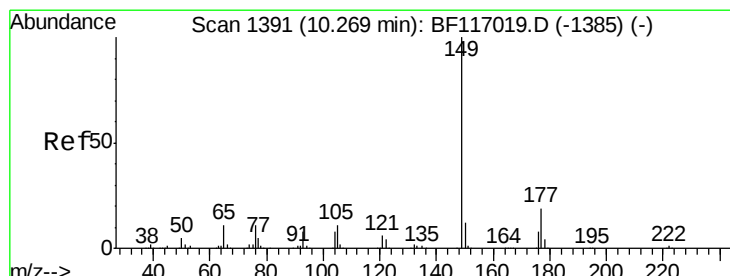
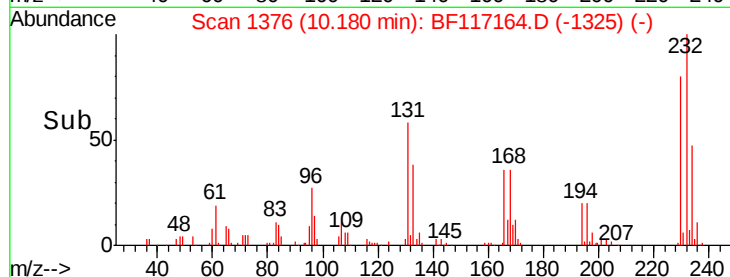
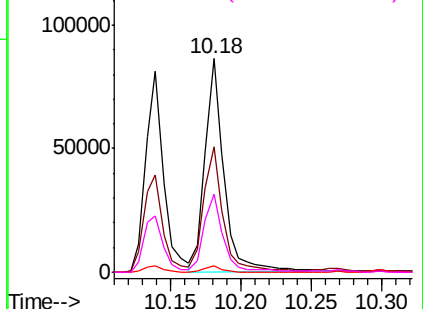


Abundance Ion 232.00 (231.70 to 232.70): E

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: 52.456 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

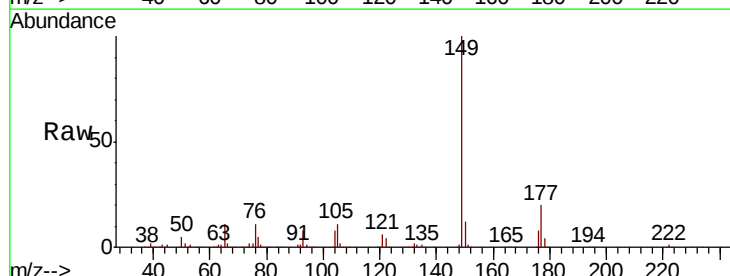
Tgt Ion:149 Resp: 404404

Ion Ratio Lower Upper

149 100

177 19.8 15.2 22.8

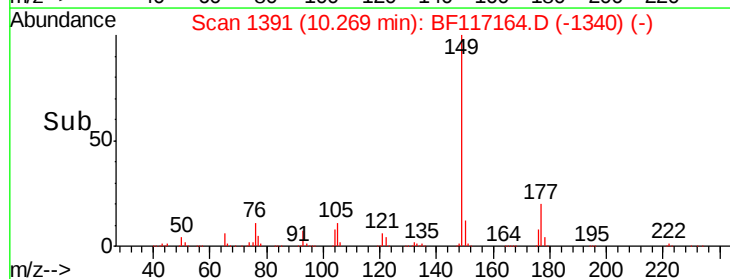
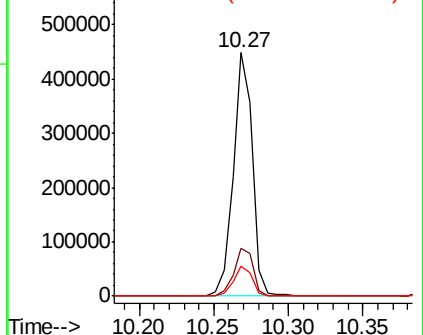
150 12.1 9.9 14.9

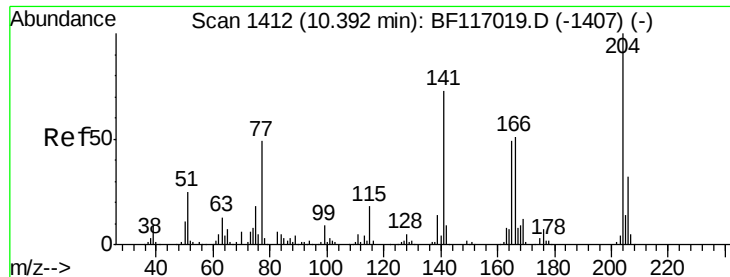


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 52.959 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

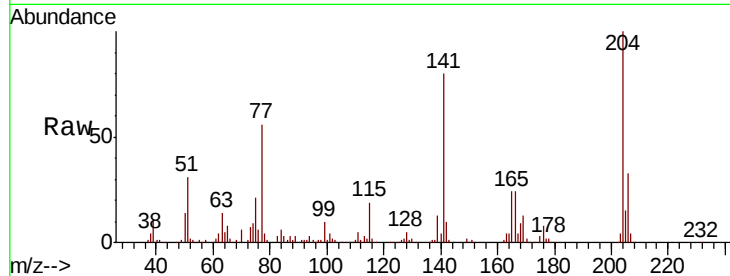
Tot Ion:204 Resp: 165689

Ion Ratio Lower Upper

204 100

206 32.7 26.0 39.0

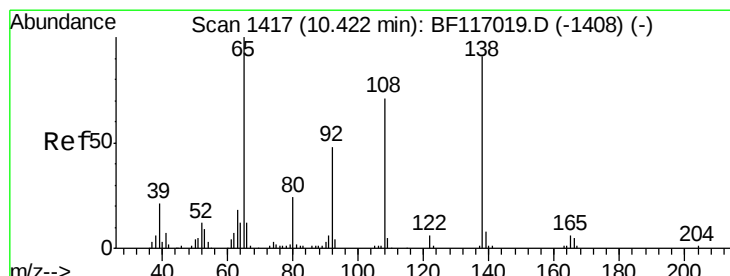
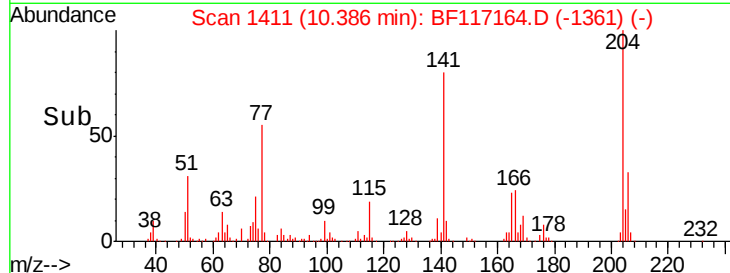
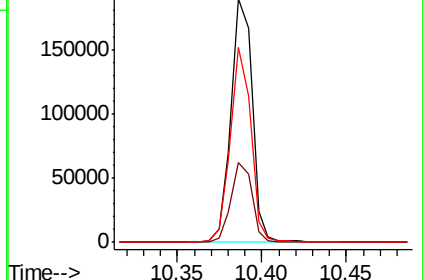
141 80.1 58.2 87.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 48.496 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

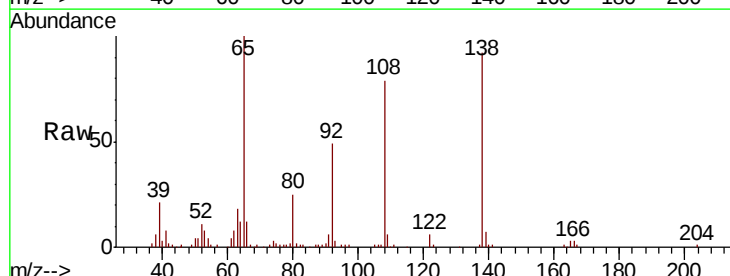
Tgt Ion:138 Resp: 101556

Ion Ratio Lower Upper

138 100

92 53.5 32.9 72.9

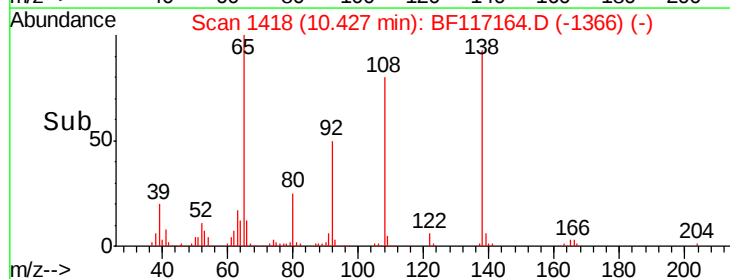
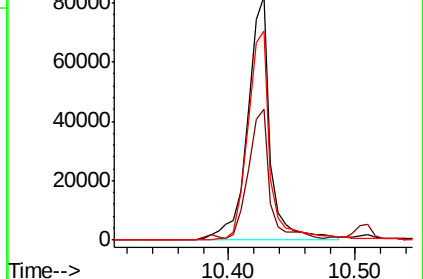
108 85.9 58.3 98.3

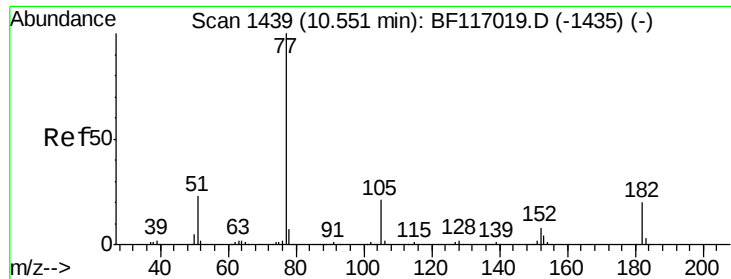


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

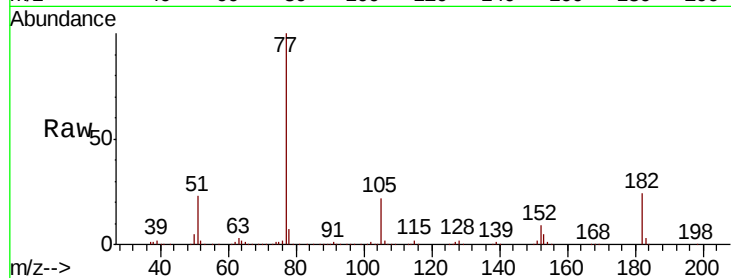




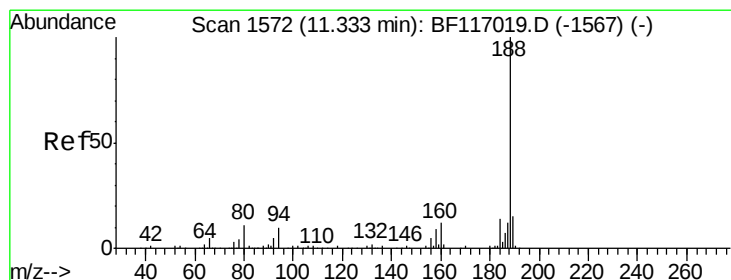
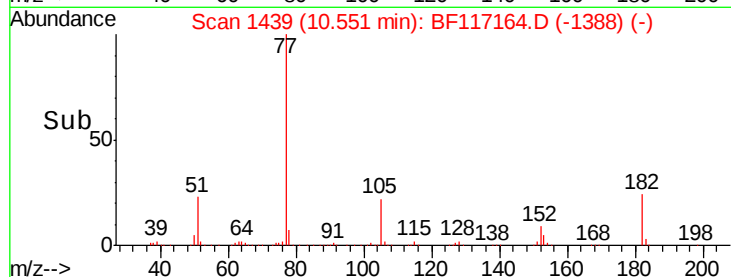
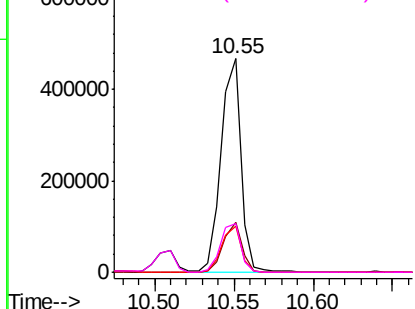
#63
Azobenzene
Concen: 51.463 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.6	0.4	40.4	
105	21.8	0.9	40.9	
51	22.8	2.8	42.8	

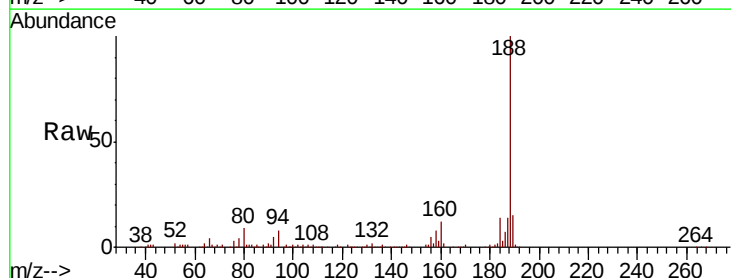


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

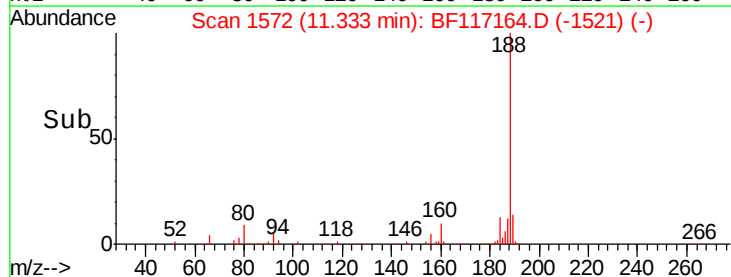
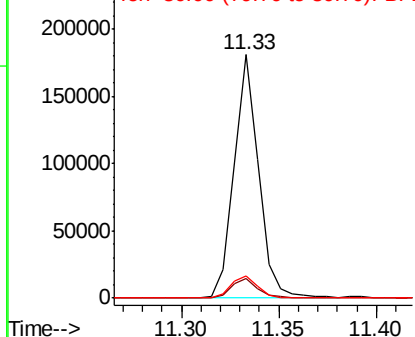


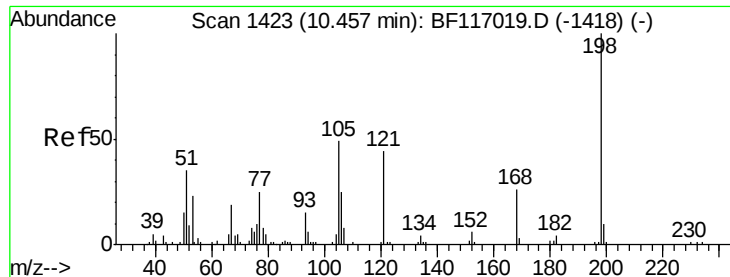
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	8.2	12.2#	
80	9.4	9.0	13.6	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 60.570 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampled :

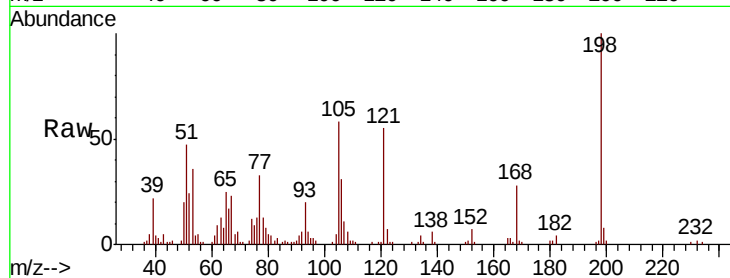
Tot Ion:198 Resp: 45009

Ion Ratio Lower Upper

198 100

51 46.5 18.7 58.7

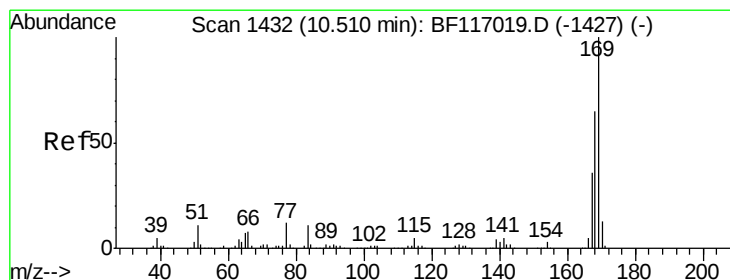
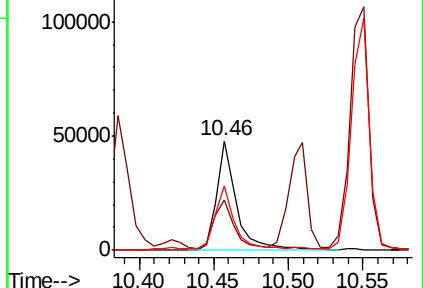
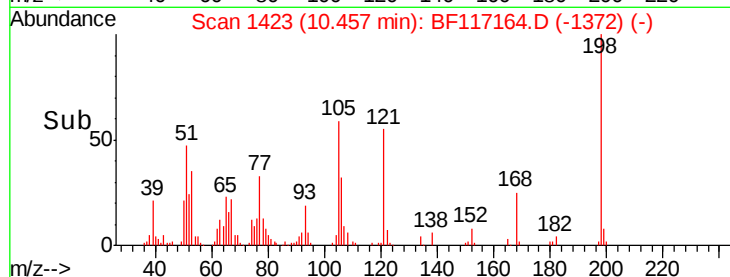
105 58.4 30.2 70.2



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: 62.275 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

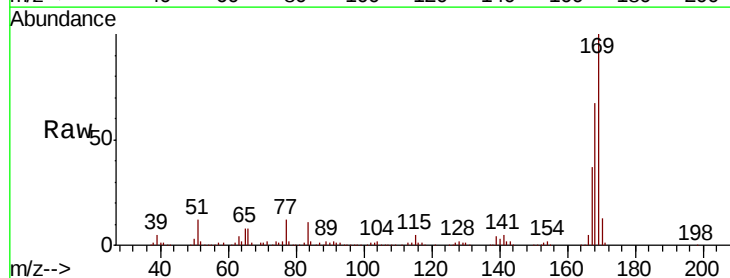
Tgt Ion:169 Resp: 338938

Ion Ratio Lower Upper

169 100

168 66.9 52.2 78.2

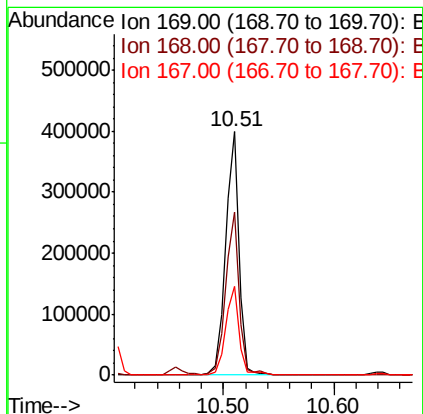
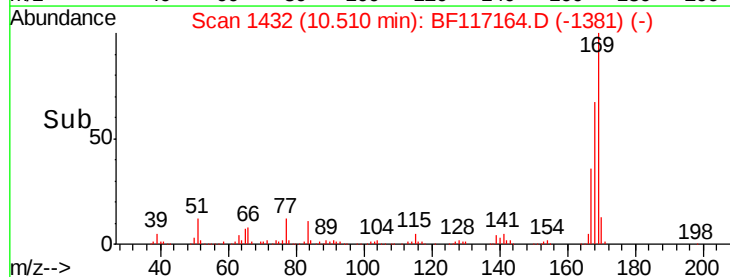
167 36.5 28.8 43.2

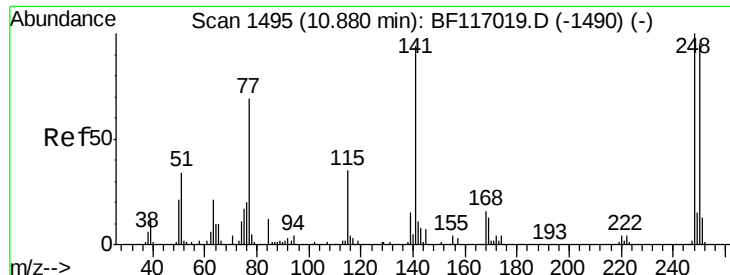


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

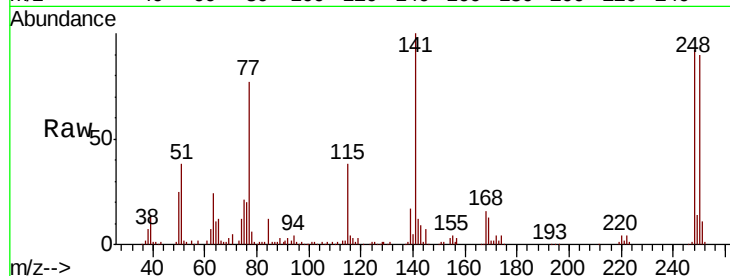




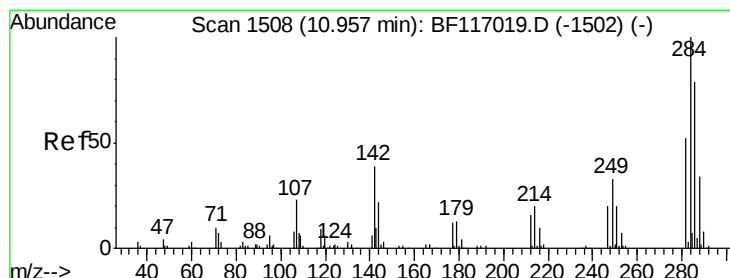
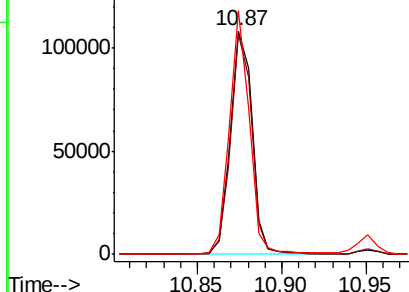
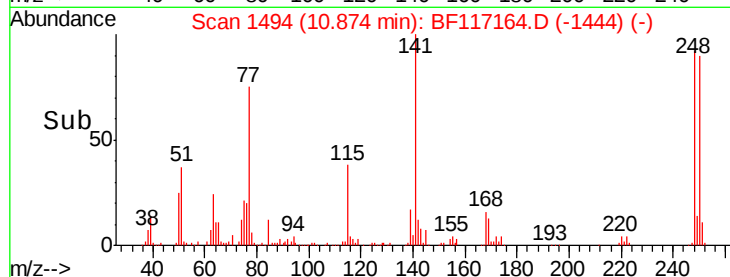
#67
4-Bromophenyl-phenylether
Concen: 59.959 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 96498
Ion Ratio Lower Upper
248 100
250 98.4 76.2 114.4
141 108.9 75.0 112.4

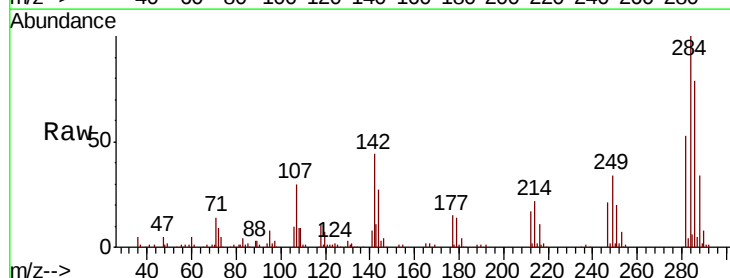


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

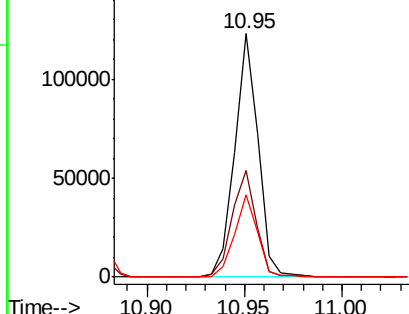
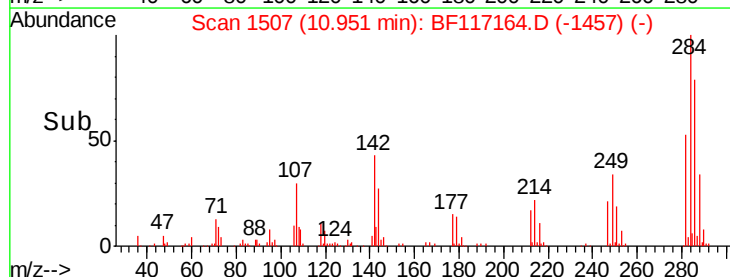


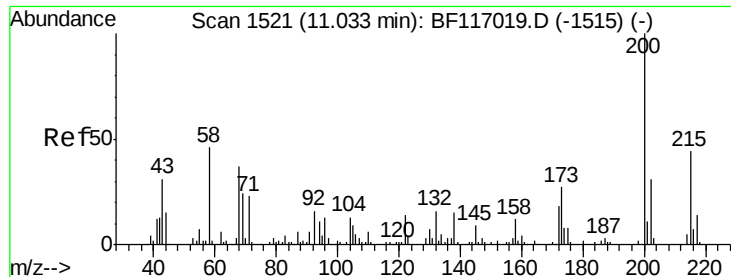
#68
Hexachlorobenzene
Concen: 58.223 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion:284 Resp: 102490
Ion Ratio Lower Upper
284 100
142 43.7 31.4 47.2
249 33.6 26.5 39.7



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

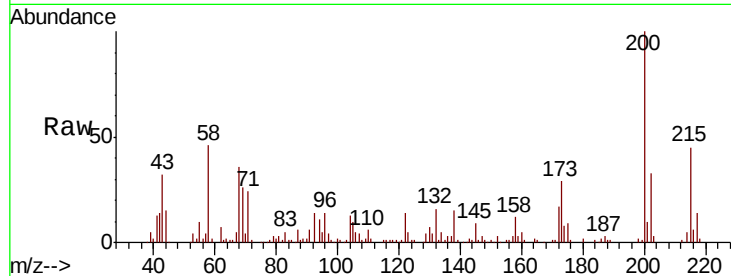




#69
Atrazine
Concen: 101.293 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	6.9	46.9
215	45.0	23.8	63.8

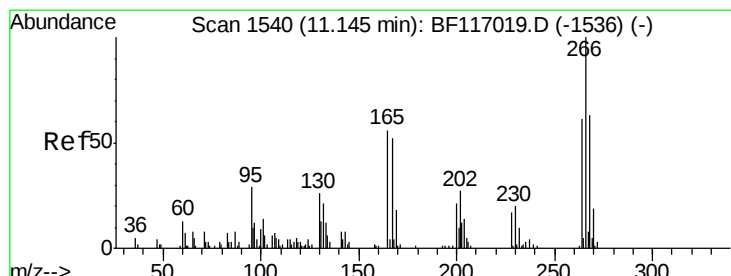
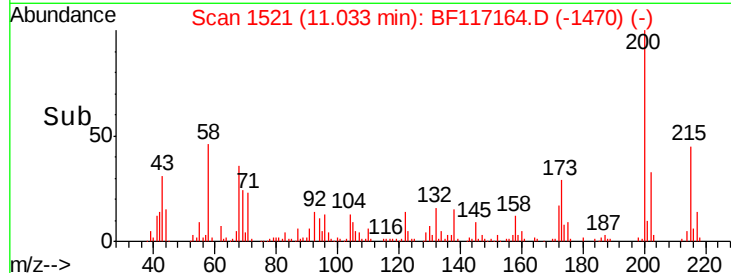
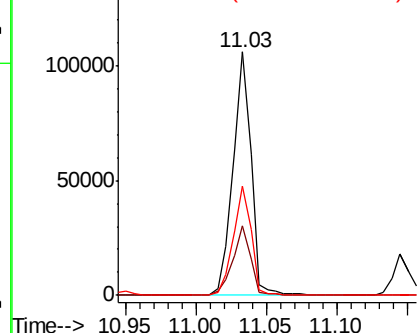


Abundance

Ion 200.00 (199.70 to 200.70): E

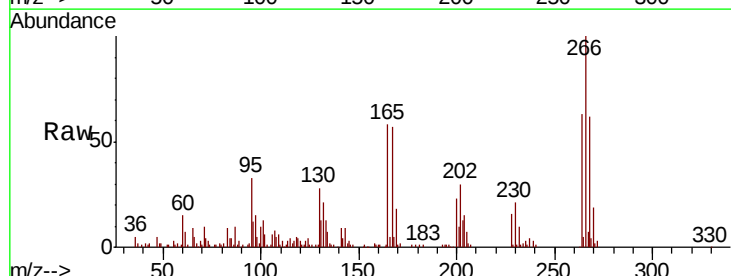
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 104.745 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	50.5	75.7
264	63.2	48.8	73.2

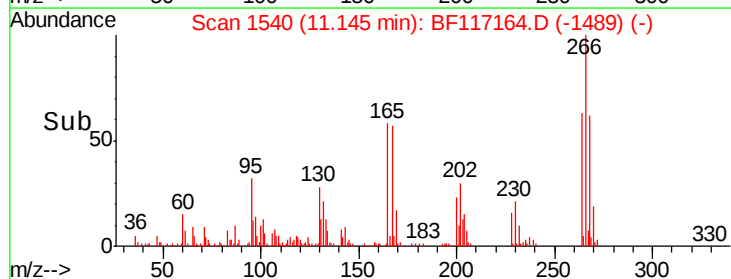
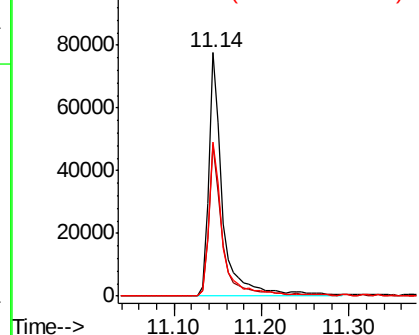


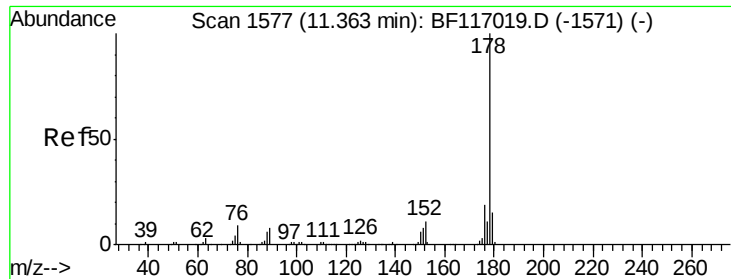
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 51.501 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

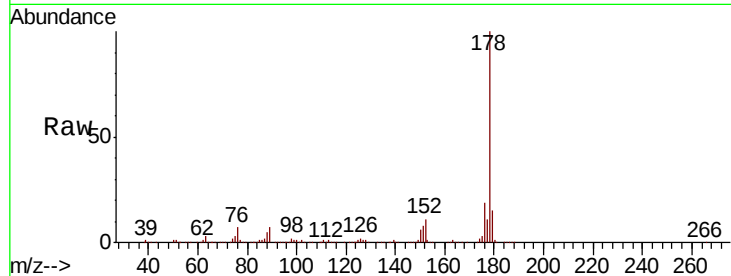
Tot Ion:178 Resp: 460997

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

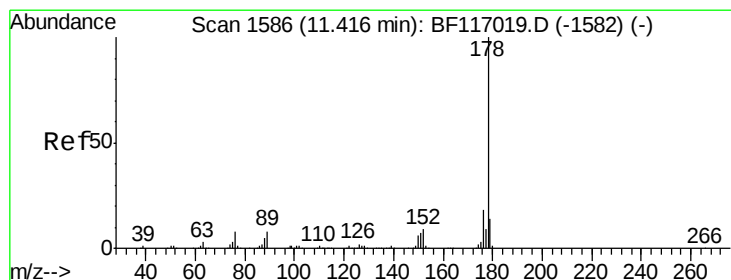
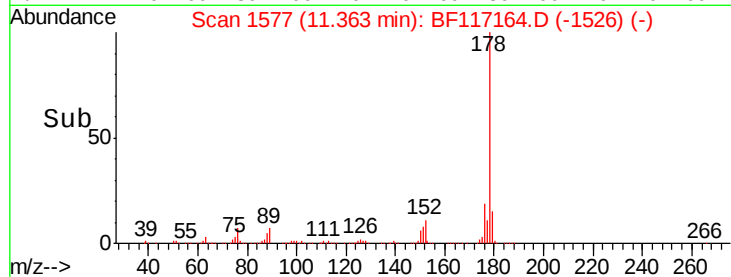
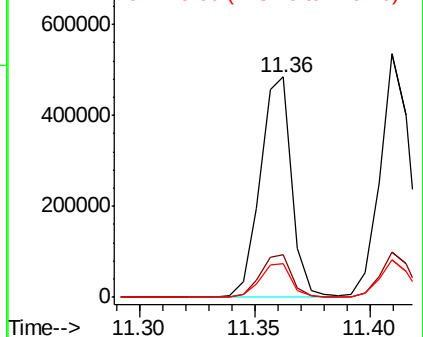
179 15.3 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.915 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

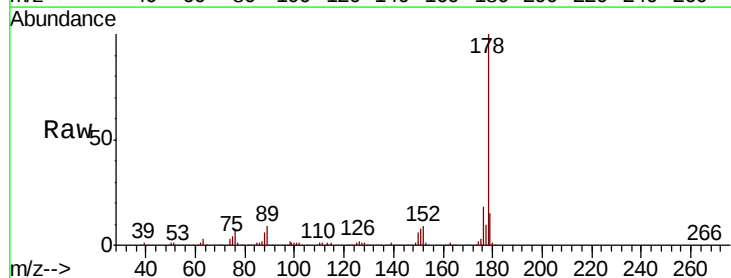
Tgt Ion:178 Resp: 483562

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

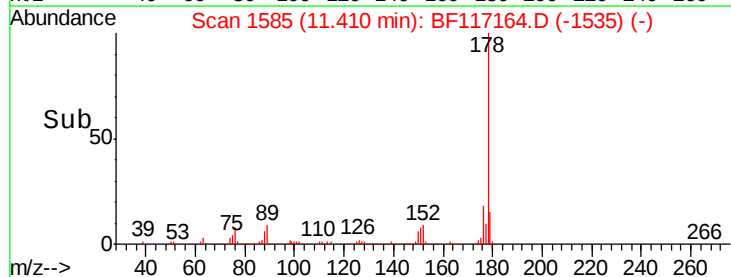
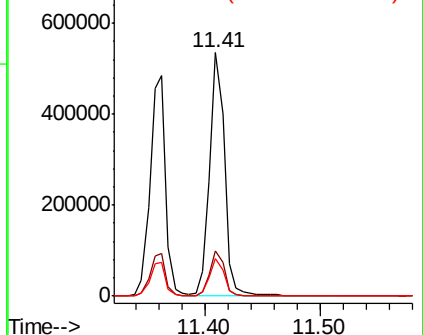
179 15.4 11.6 17.4

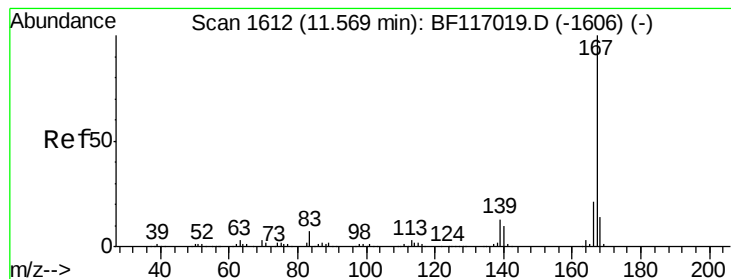


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 56.604 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

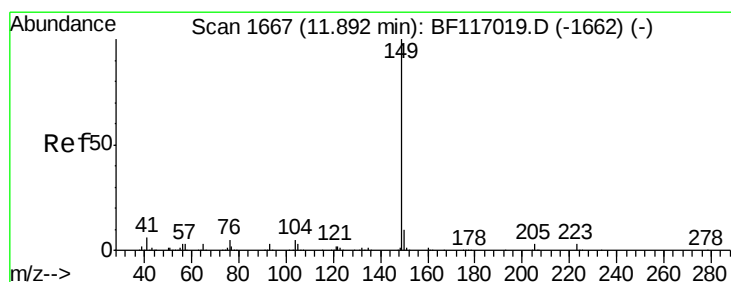
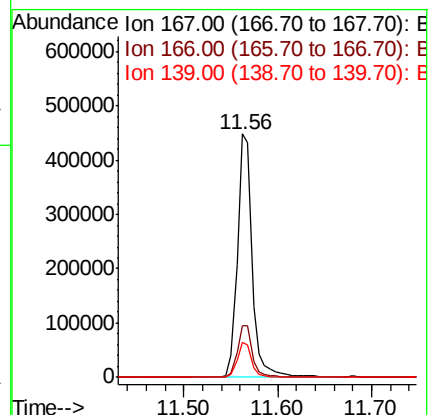
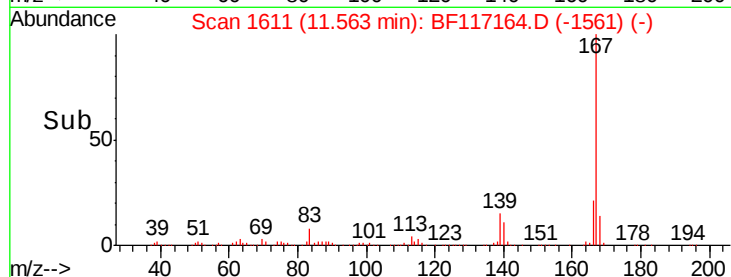
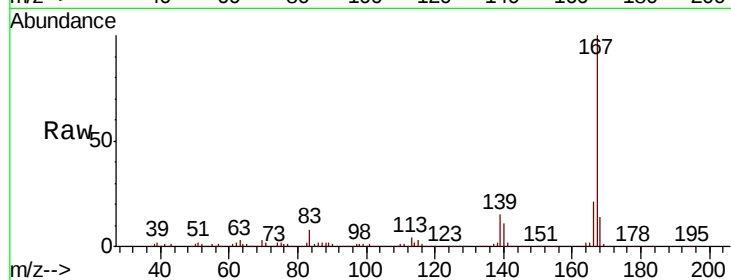
Tot Ion:167 Resp: 490998

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 14.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 63.219 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

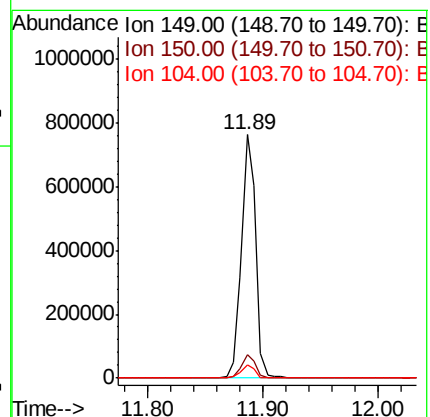
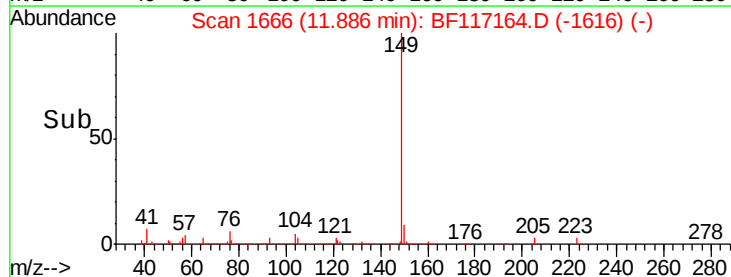
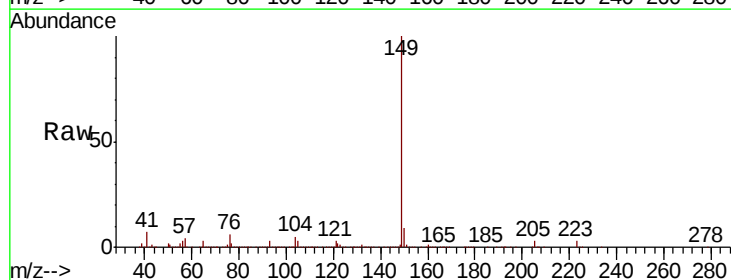
Tgt Ion:149 Resp: 652457

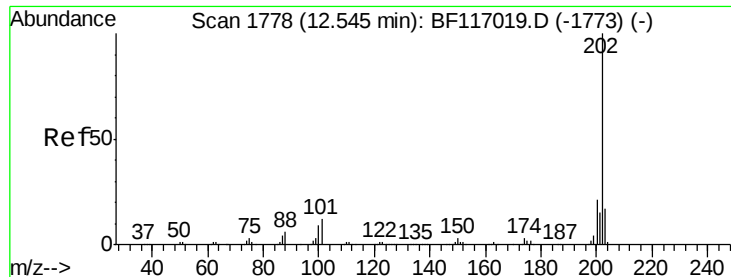
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 5.5 4.2 6.4





#75

Fluoranthene

Concen: 71.800 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampled :

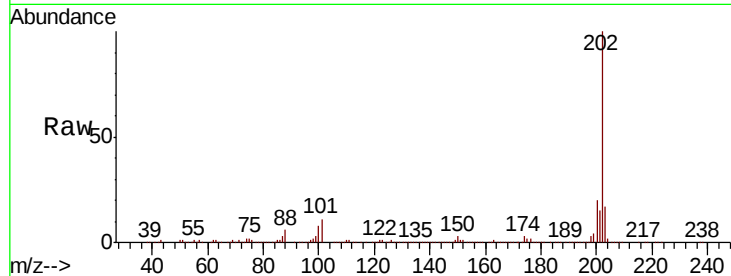
Tot Ion:202 Resp: 660371

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.3

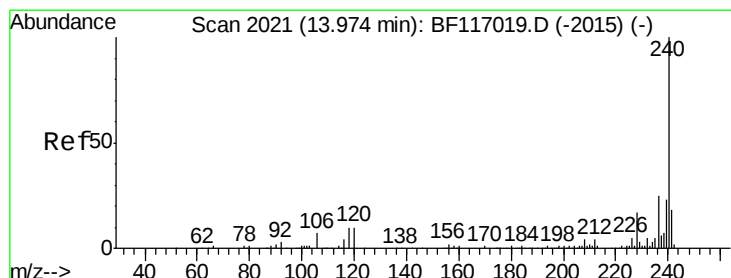
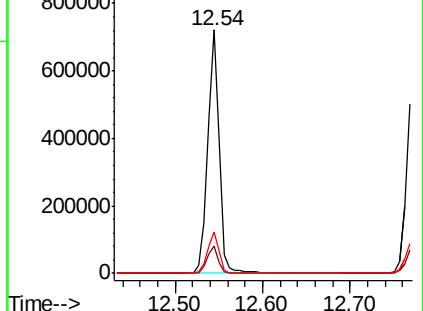
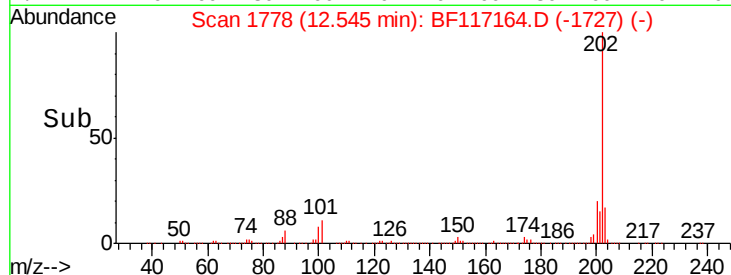
203 17.2 0.0 37.1



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

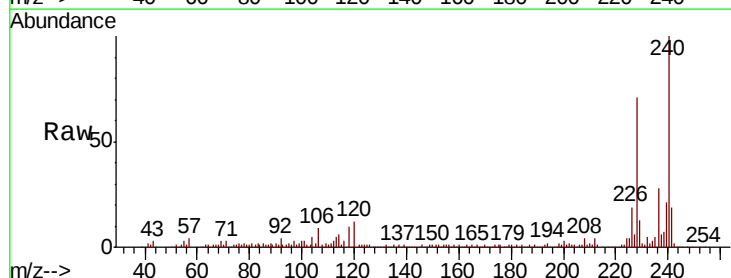
Tgt Ion:240 Resp: 150690

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

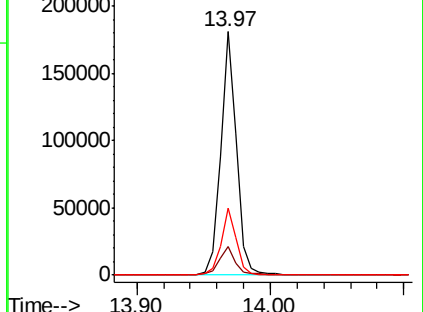
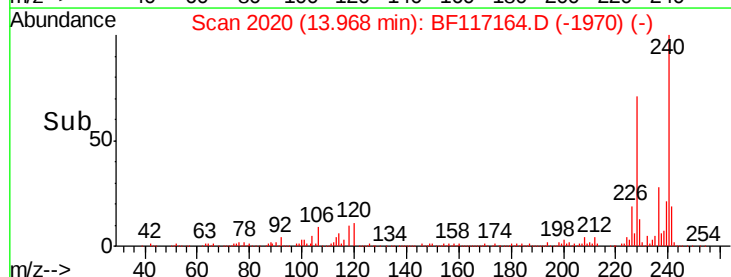
236 27.7 20.3 30.5

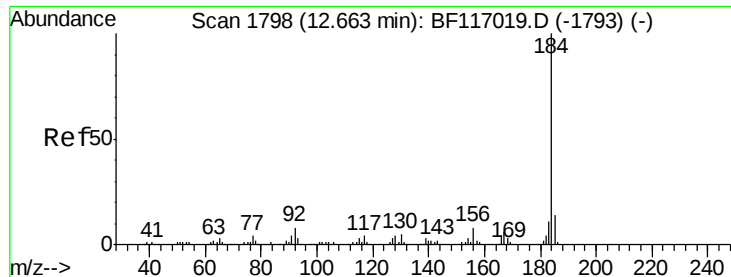


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.949 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

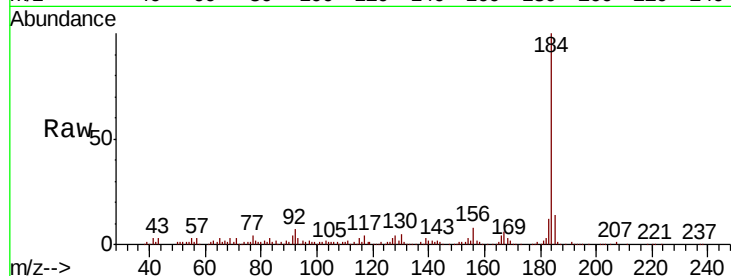
Tot Ion:184 Resp: 203623

Ion Ratio Lower Upper

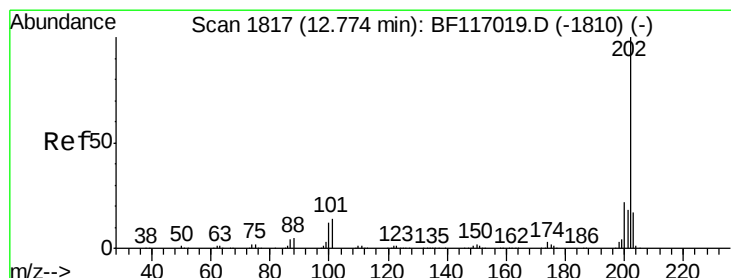
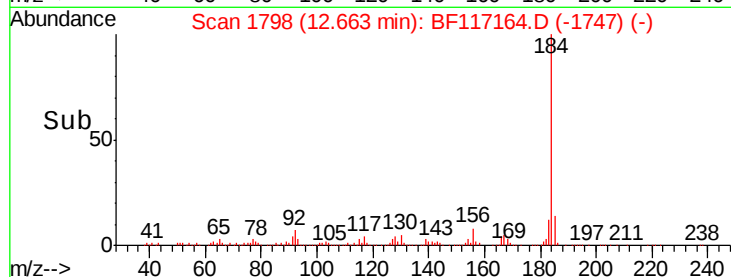
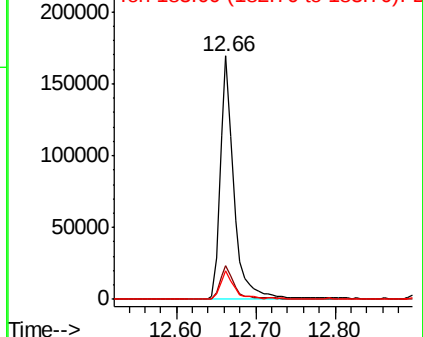
184 100

185 13.8 11.6 17.4

183 11.9 9.0 13.4



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: 53.032 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

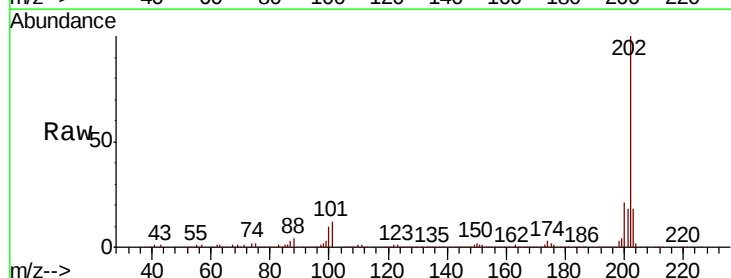
Tgt Ion:202 Resp: 670536

Ion Ratio Lower Upper

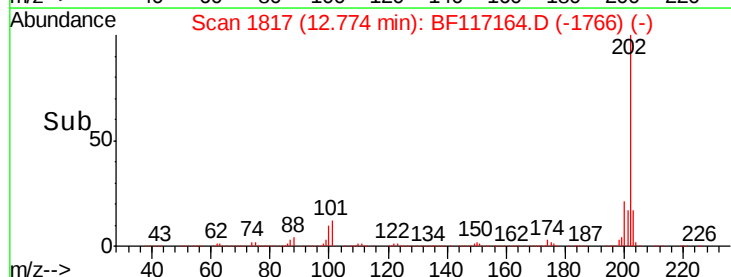
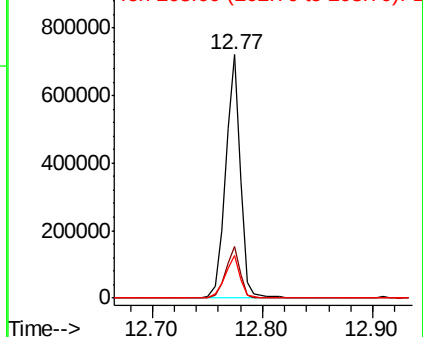
202 100

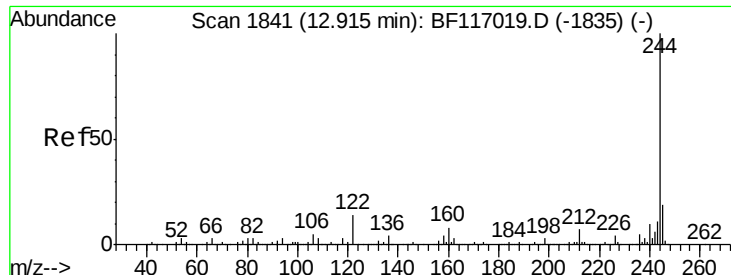
200 21.0 17.2 25.8

203 17.5 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

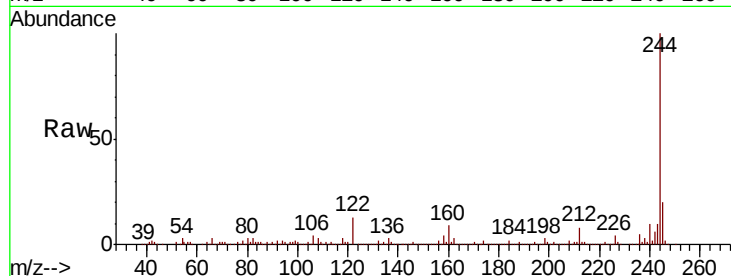




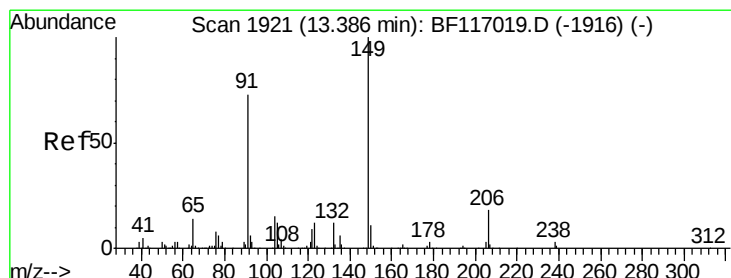
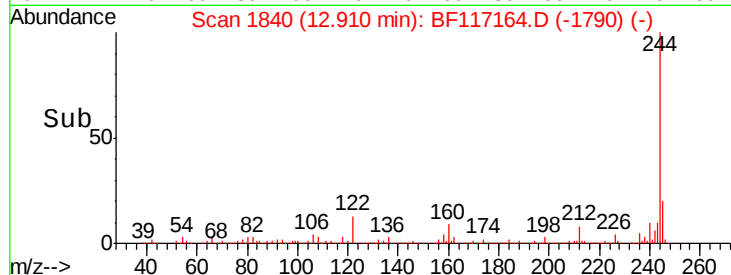
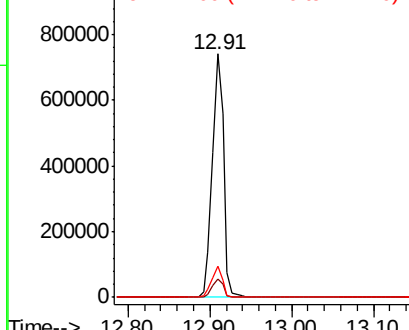
#79
 Terphenyl-d14
 Concen: 88.541 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117164.D
 Acq: 19 Sep 2019 00:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 713788
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 13.0 11.3 16.9

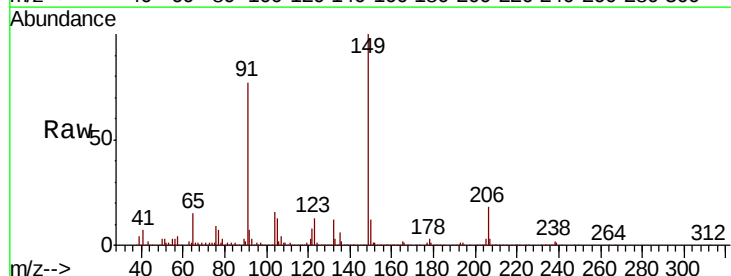


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

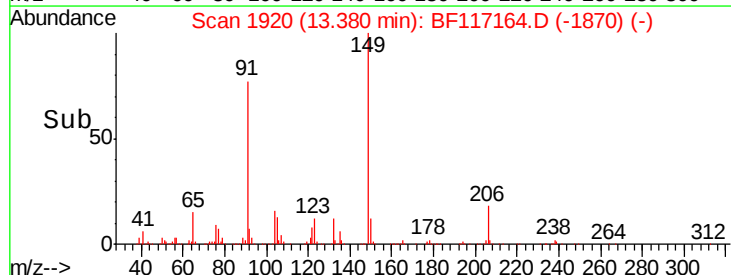
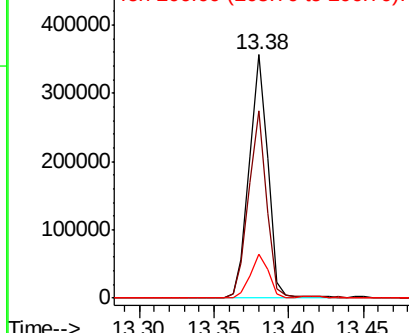


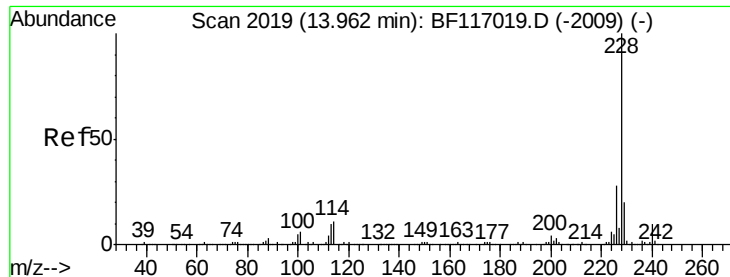
#80
 Butylbenzylphthalate
 Concen: 51.226 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117164.D
 Acq: 19 Sep 2019 00:00

Tgt Ion:149 Resp: 306050
 Ion Ratio Lower Upper
 149 100
 91 76.7 58.8 88.2
 206 18.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.899 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

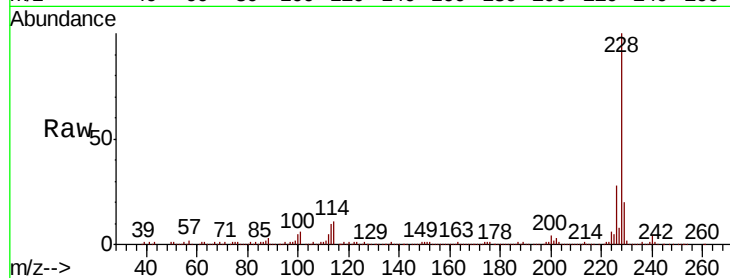
Tot Ion:228 Resp: 492306

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

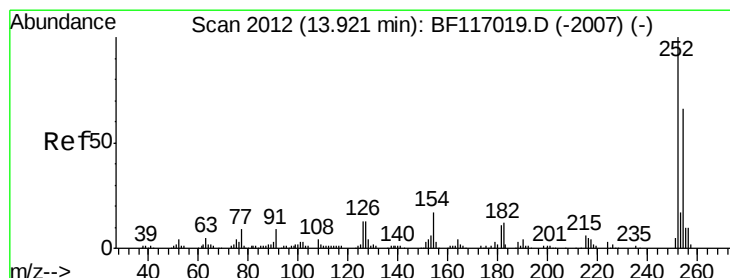
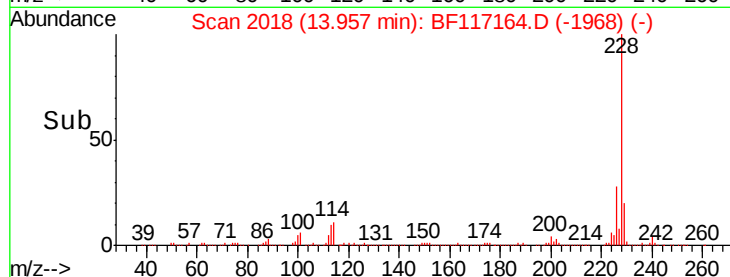
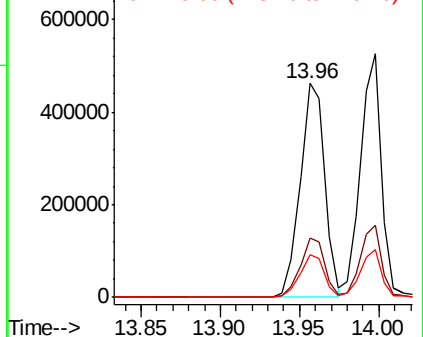
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.386 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

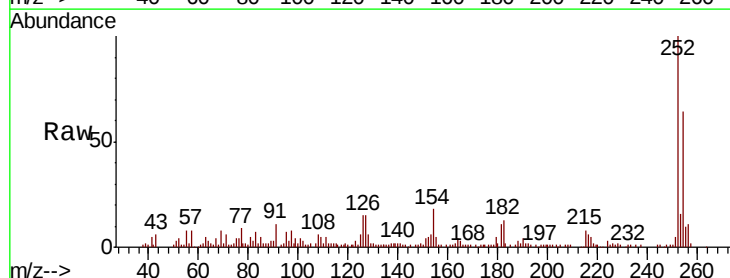
Tgt Ion:252 Resp: 69383

Ion Ratio Lower Upper

252 100

254 63.8 52.6 79.0

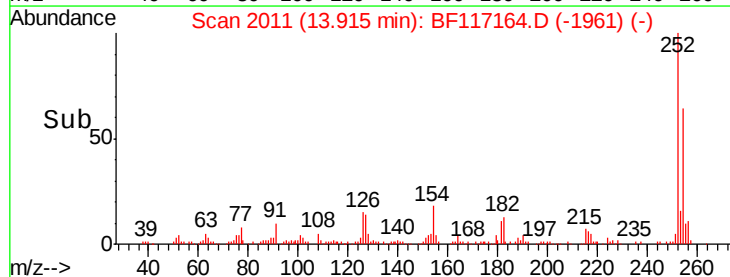
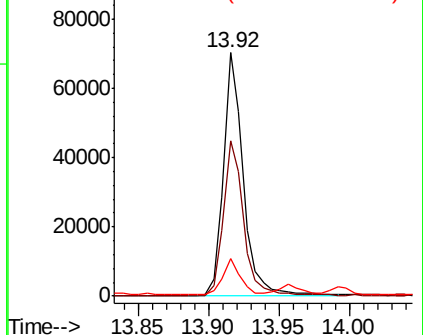
126 15.2 10.4 15.6

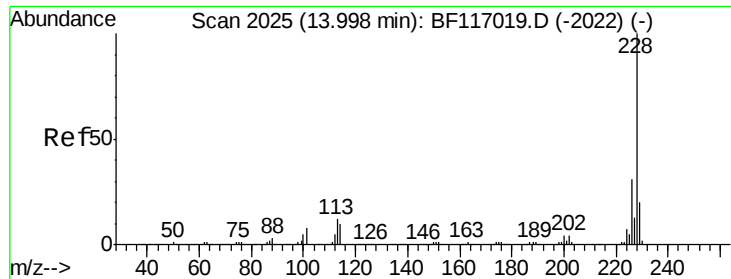


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.088 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampleId :

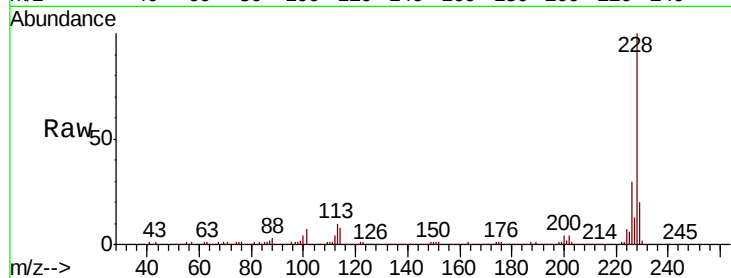
Tot Ion:228 Resp: 491835

Ion Ratio Lower Upper

228 100

226 29.6 24.8 37.2

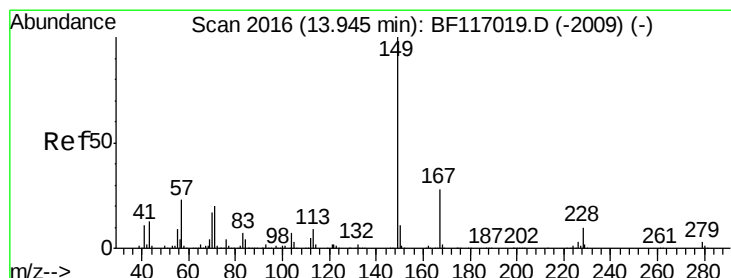
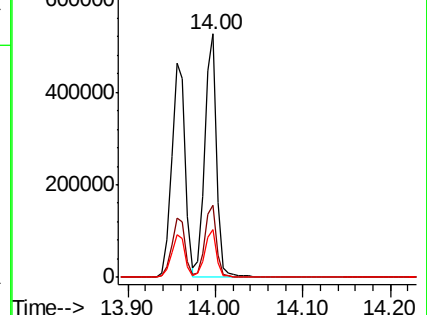
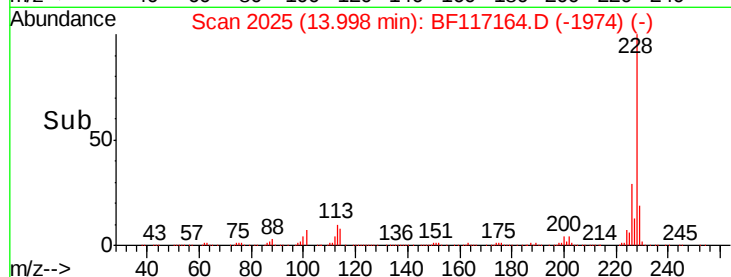
229 19.5 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.696 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

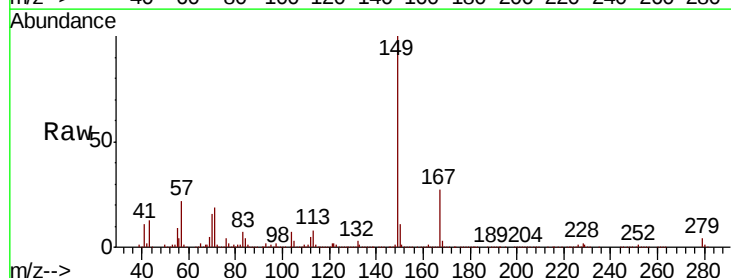
Tgt Ion:149 Resp: 398228

Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.2

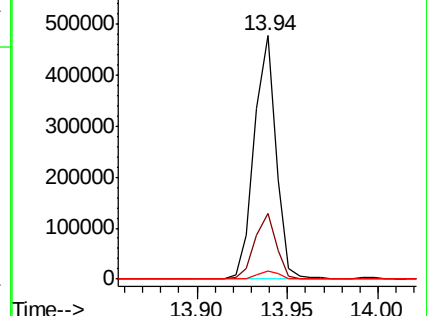
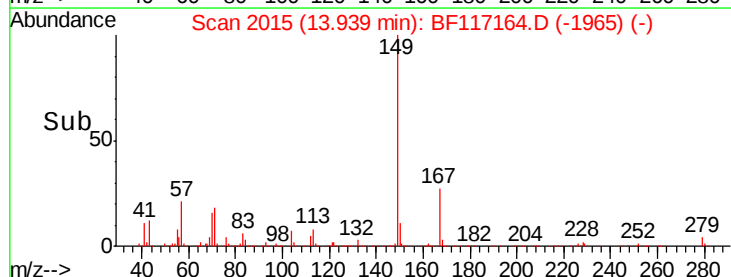
279 3.5 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

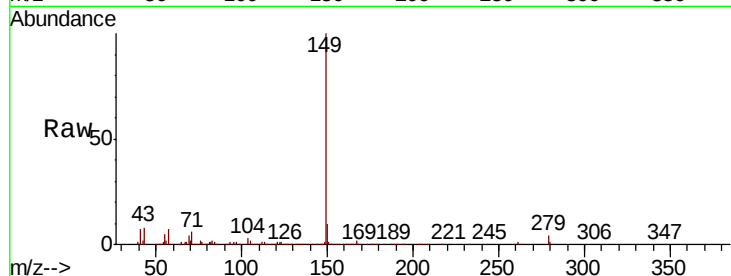




#85
Di-n-octyl phthalate
Concen: 51.708 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.5	6.2	9.4

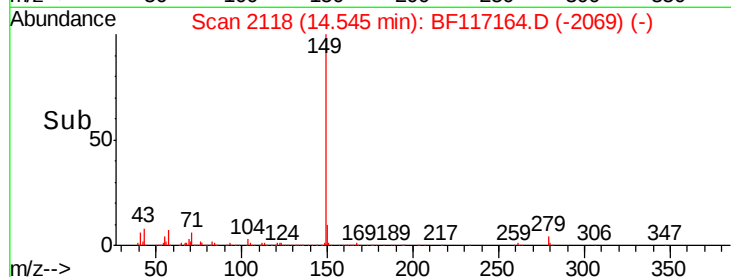
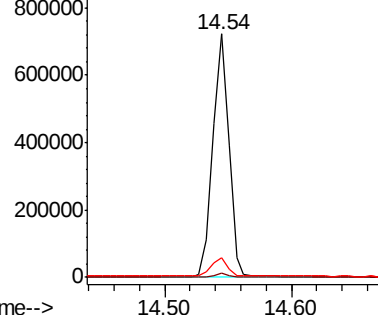


Abundance

Ion 149.00 (148.70 to 149.70): E

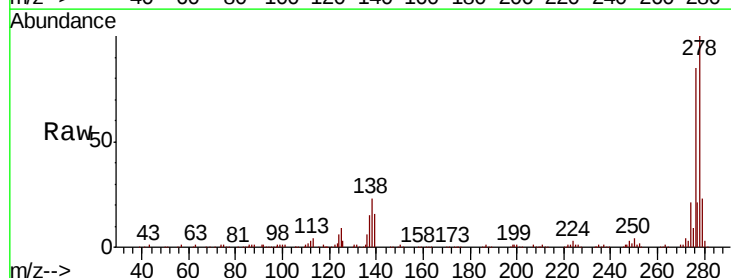
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 67.372 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.7	31.1
277	24.6	19.8	29.8

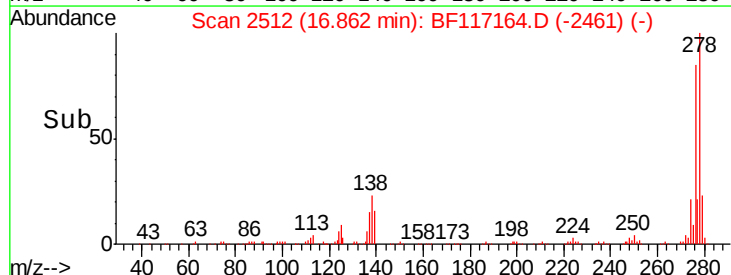
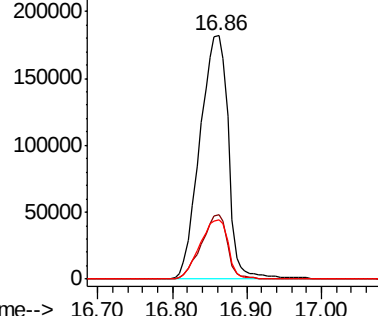


Abundance

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

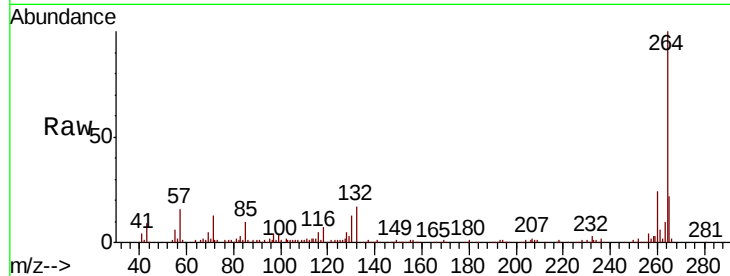




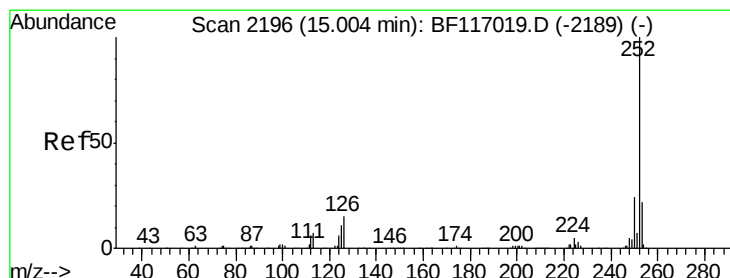
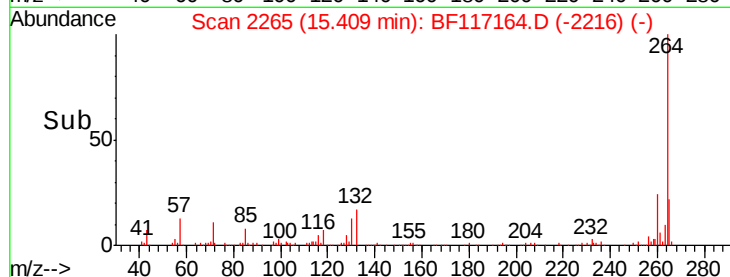
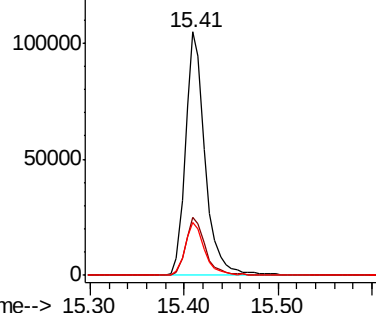
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.6	26.4
265	21.7	16.6	24.8

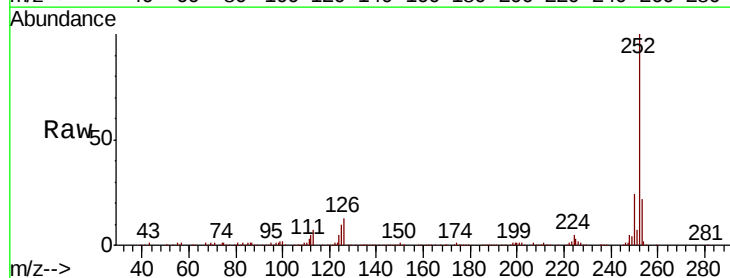


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

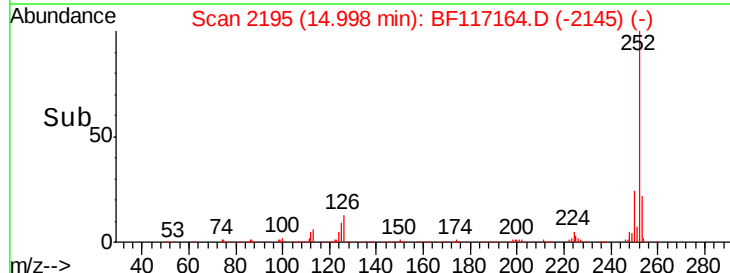
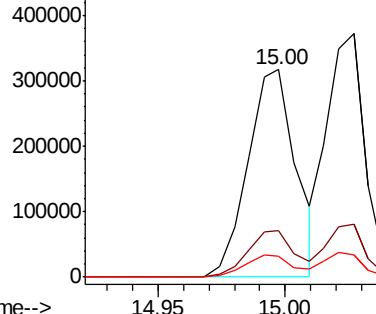


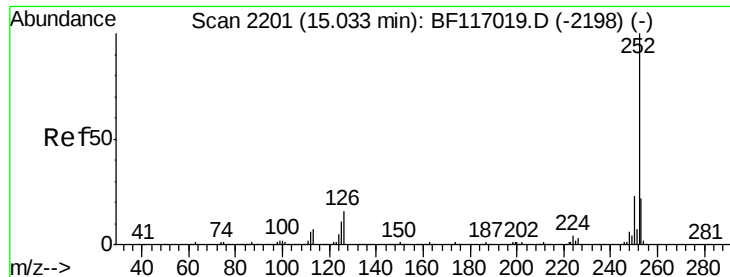
#88
Benzo(b)fluoranthene
Concen: 45.239 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.9	8.6	12.8



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

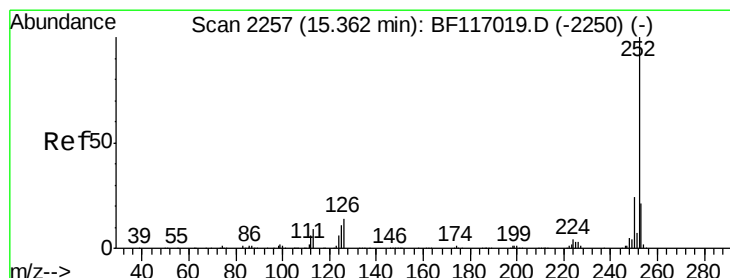
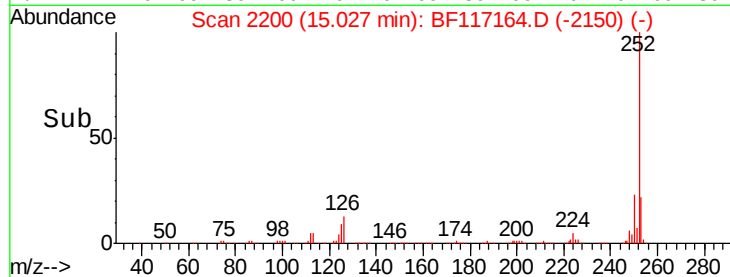
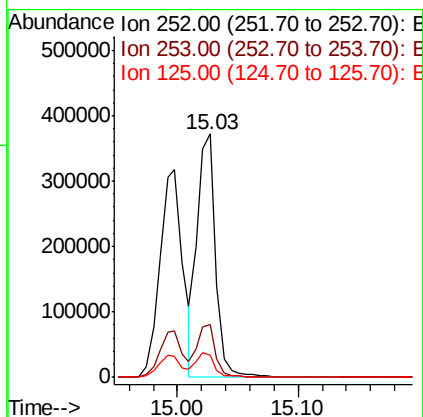
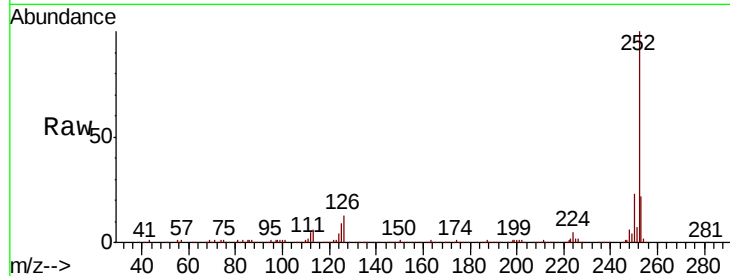




#89
Benzo(k)fluoranthene
Concen: 45.183 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

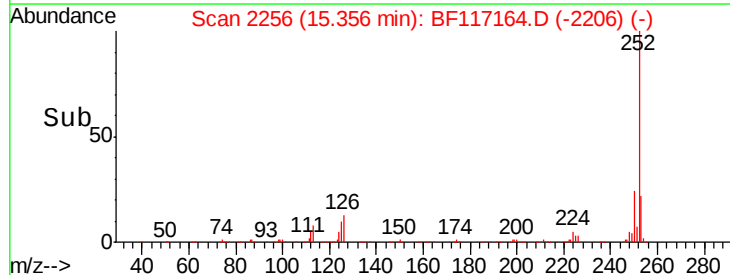
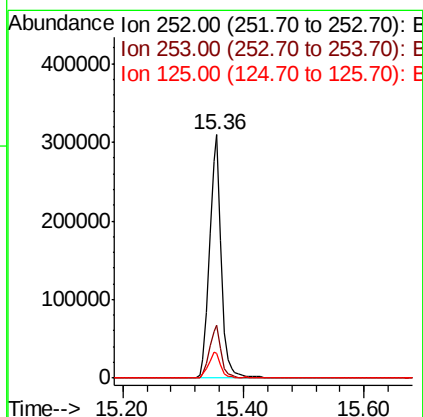
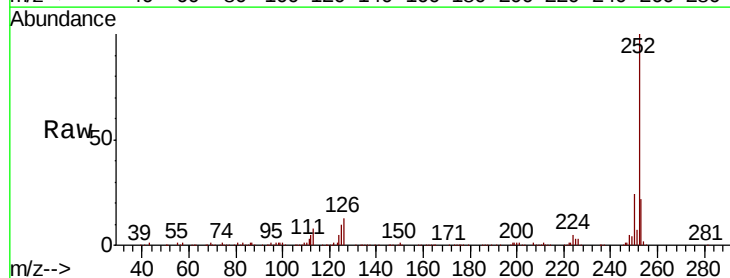
Instrument :
BNA_F
ClientSampleId :

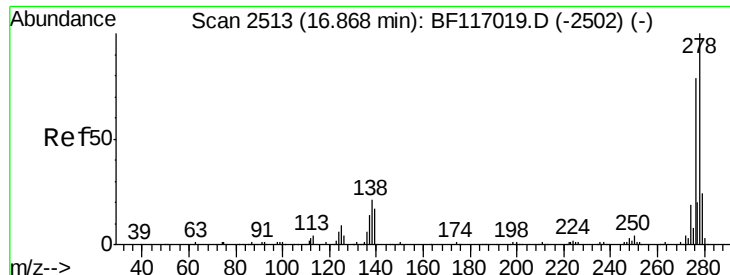
Tot Ion:252 Resp: 396454
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.1 8.8 13.2



#90
Benzo(a)pyrene
Concen: 51.575 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117164.D
Acq: 19 Sep 2019 00:00

Tgt Ion:252 Resp: 419213
Ion Ratio Lower Upper
252 100
253 21.7 16.6 25.0
125 10.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 61.064 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

Instrument :

BNA_F

ClientSampled :

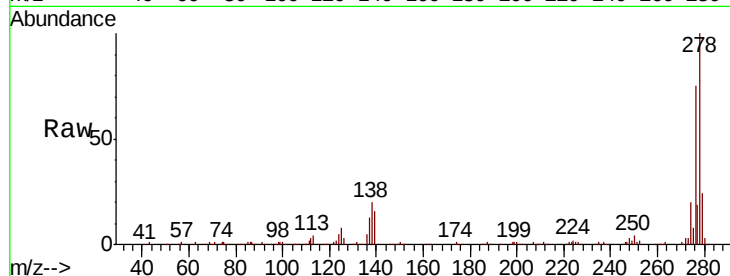
Tot Ion:278 Resp: 395401

Ion Ratio Lower Upper

278 100

139 15.7 13.5 20.3

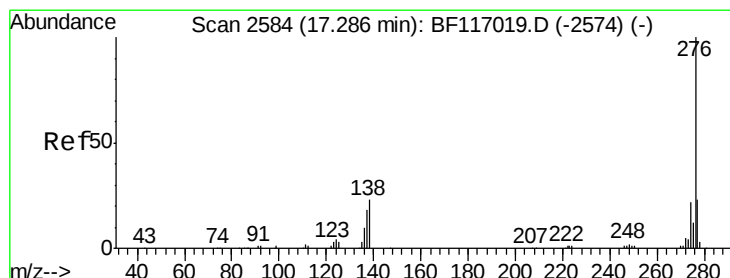
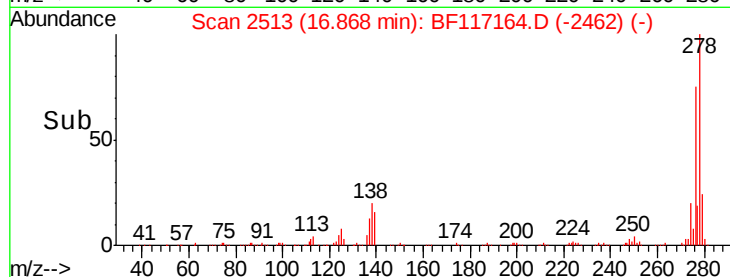
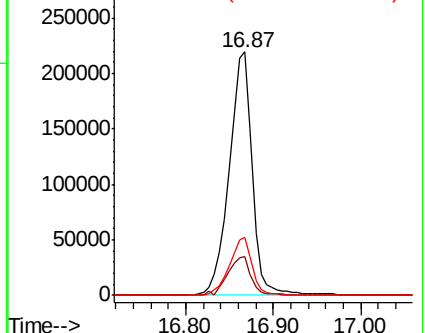
279 23.6 18.8 28.2



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: 62.912 ng

RT: 17.29 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BF117164.D

Acq: 19 Sep 2019 00:00

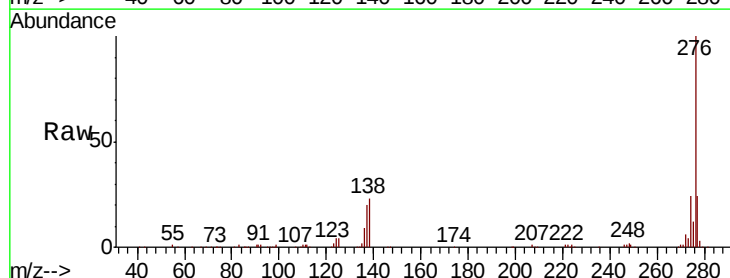
Tgt Ion:276 Resp: 405937

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 22.6 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

