

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117445.D
 Acq On : 18 Oct 2019 17:27
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 18:16:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	48539	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	203451	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	103987	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	160037	20.00	ng	0.00
76) Chrysene-d12	13.90	240	97754	20.00	ng	0.00
87) Perylene-d12	15.33	264	87049	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	520879	165.11	ng	0.00
7) Phenol-d6	6.40	99	678699	162.15	ng	0.02
23) Nitrobenzene-d5	7.32	82	650425	162.06	ng	0.01
42) 2,4,6-Tribromophenol	10.57	330	138520	163.67	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1111884	155.88	ng	0.00
79) Terphenyl-d14	12.84	244	989262	164.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	108527	83.566	ng	100
3) Pyridine	3.12	79	274455	83.040	ng	97
4) n-Nitrosodimethylamine	3.10	42	103617	88.966	ng	97
6) Aniline	6.41	93	400305	76.557	ng	# 37
8) 2-Chlorophenol	6.53	128	268915	76.673	ng	95
9) Benzaldehyde	6.29	77	130171	63.783	ng	96
10) Phenol	6.41	94	353672	78.267	ng	89
11) bis(2-Chloroethyl)ether	6.48	93	269516	78.448	ng	99
12) 1,3-Dichlorobenzene	6.68	146	301835	76.955	ng	97
13) 1,4-Dichlorobenzene	6.76	146	301683	75.454	ng	97
14) 1,2-Dichlorobenzene	6.91	146	280912	74.385	ng	100
15) Benzyl Alcohol	6.90	79	245425	76.639	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	278269	77.136	ng	73
17) 2-Methylphenol	7.01	107	220011	75.141	ng	92
18) Hexachloroethane	7.25	117	119965	77.173	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	208760	78.222	ng	97
20) 3+4-Methylphenols	7.17	107	284019	75.335	ng	# 74
22) Acetophenone	7.16	105	424557	79.525	ng	98
24) Nitrobenzene	7.33	77	310378	77.199	ng	97
25) Isophorone	7.57	82	557132	77.924	ng	99
26) 2-Nitrophenol	7.65	139	143292	80.329	ng	96
27) 2,4-Dimethylphenol	7.69	122	206448	76.150	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	343630	77.529	ng	99
29) 2,4-Dichlorophenol	7.89	162	219820	78.582	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	233599	77.464	ng	100
31) Naphthalene	8.05	128	781182	76.885	ng	99
32) Benzoic acid	7.88	122	158876	94.112	ng	97
33) 4-Chloroaniline	8.10	127	331360	76.793	ng	97
34) Hexachlorobutadiene	8.16	225	132643	76.800	ng	95
35) Caprolactam	8.50	113	55871	63.779	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	242750	76.263	ng	99
37) 2-Methylnaphthalene	8.73	142	523412	76.289	ng	99
38) 1-Methylnaphthalene	8.83	142	492154	76.134	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	218123	77.939	ng	99

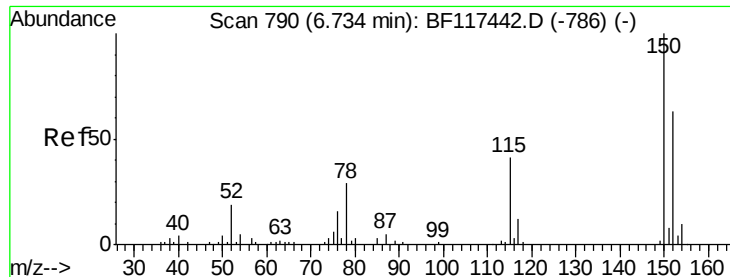
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117445.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	62133	118.891	ng	97
43) 2,4,6-Trichlorophenol	9.02	196	136137	76.865	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	138963	76.920	ng	98
46) 1,1'-Biphenyl	9.20	154	652324	76.788	ng	99
47) 2-Chloronaphthalene	9.22	162	501392	75.713	ng	99
48) 2-Nitroaniline	9.33	65	164186	77.706	ng	92
49) Acenaphthylene	9.63	152	732015	75.402	ng	99
50) Dimethylphthalate	9.50	163	569154	76.211	ng	99
51) 2,6-Dinitrotoluene	9.57	165	120698	76.891	ng	94
52) Acenaphthene	9.81	154	443613	75.201	ng	100
53) 3-Nitroaniline	9.75	138	143086	74.645	ng	98
54) 2,4-Dinitrophenol	9.86	184	49106	81.649	ng	89
55) Dibenzofuran	9.98	168	638450	74.193	ng	99
56) 4-Nitrophenol	9.92	139	66528	87.209	ng	96
57) 2,4-Dinitrotoluene	9.98	165	156451	75.535	ng	92
58) Fluorene	10.32	166	529225	73.862	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	104586	74.885	ng	97
60) Diethylphthalate	10.20	149	565158	75.075	ng	97
61) 4-Chlorophenyl-phenylether	10.31	204	236682	74.610	ng	95
62) 4-Nitroaniline	10.37	138	135618	74.428	ng	97
63) Azobenzene	10.47	77	583997	75.607	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	71686	89.171	ng	95
66) n-Nitrosodiphenylamine	10.44	169	452337	75.660	ng	98
67) 4-Bromophenyl-phenylether	10.80	248	134527	76.639	ng	97
68) Hexachlorobenzene	10.87	284	144161	76.473	ng	96
69) Atrazine	10.96	200	74385	76.730	ng	99
70) Pentachlorophenol	11.07	266	49037	86.950	ng	94
71) Phenanthrene	11.28	178	723279	76.453	ng	99
72) Anthracene	11.33	178	740592	75.832	ng	99
73) Carbazole	11.49	167	663448	74.786	ng	100
74) Di-n-butylphthalate	11.82	149	884134	73.601	ng	99
75) Fluoranthene	12.47	202	696098	73.997	ng	99
77) Benzidine	12.84	184	14266	5.901	ng	95
78) Pyrene	12.70	202	694971	80.428	ng	99
80) Butylbenzylphthalate	13.31	149	338523	77.910	ng	98
81) Benzo(a)anthracene	13.89	228	512324	76.383	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	143997	67.902	ng	# 98
83) Chrysene	13.93	228	501242	75.779	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	470613	76.817	ng	96
85) Di-n-octyl phthalate	14.48	149	701636	75.226	ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	407859	88.185	ng	99
88) Benzo(b)fluoranthene	14.92	252	399026	73.632	ng	98
89) Benzo(k)fluoranthene	14.95	252	397543	73.816	ng	99
90) Benzo(a)pyrene	15.27	252	363235	75.693	ng	96
91) Dibenzo(a,h)anthracene	16.74	278	343266	83.478	ng	98
92) Benzo(g,h,i)perylene	17.16	276	334017	85.336	ng	97

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

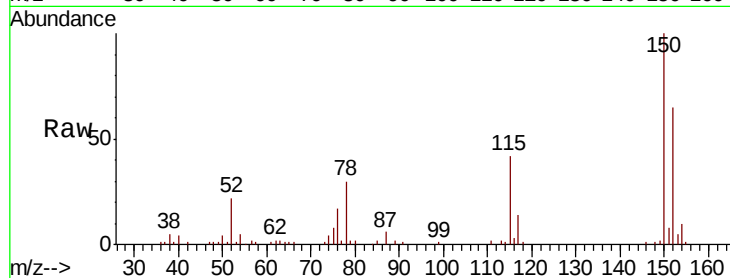


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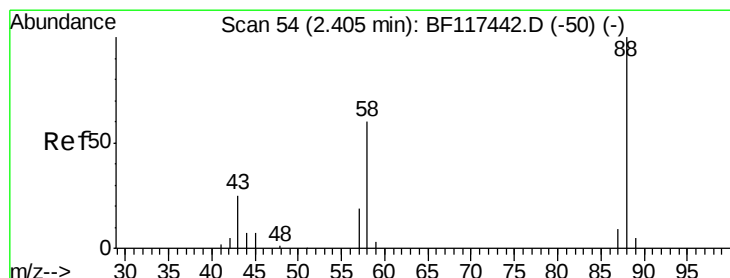
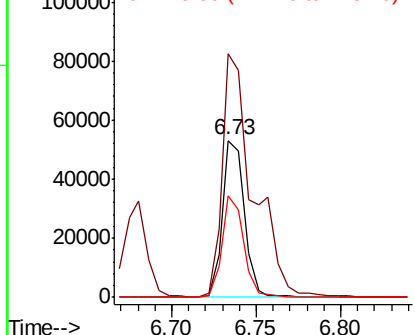
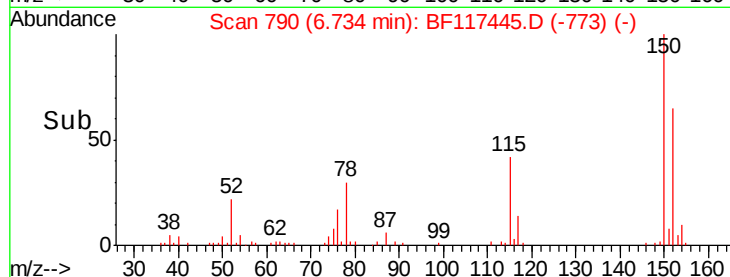
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 48539
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.8 190.2
 115 64.6 51.6 77.4



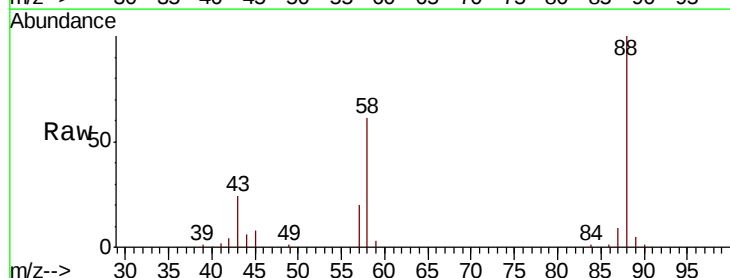
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



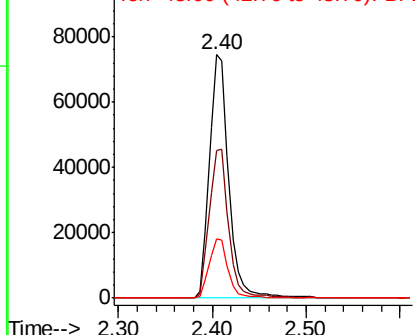
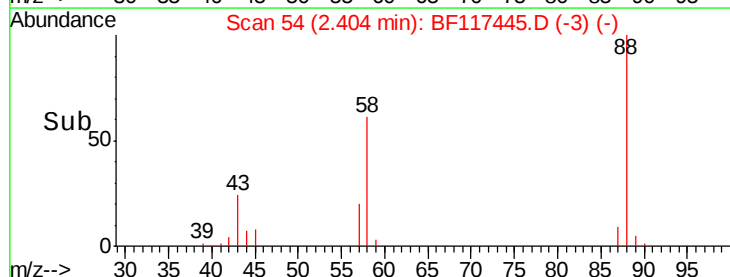
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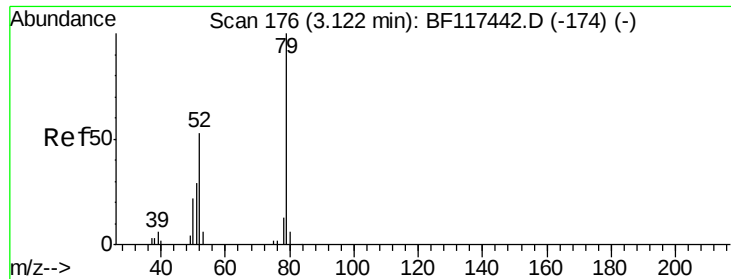
1,4-Dioxane
 Concen: 83.566 ng
 RT: 2.40 min Scan# 54
 Delta R.T. -0.00 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion: 88 Resp: 108527
 Ion Ratio Lower Upper
 88 100
 58 61.0 48.8 73.2
 43 23.5 18.5 27.7



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





#3

Pvridine

Concen: 83.040 ng

RT: 3.12 min Scan# 176

Delta R.T. -0.00 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

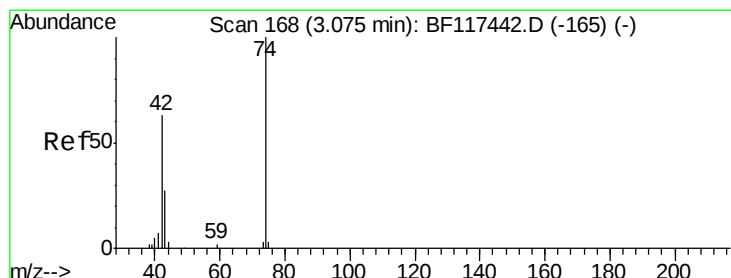
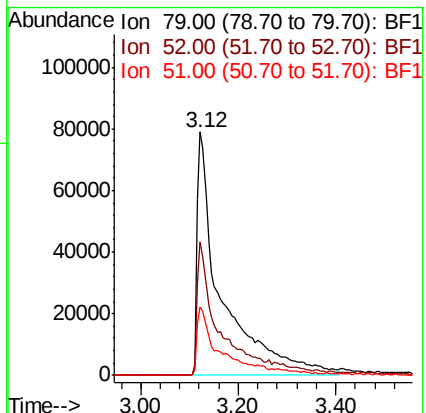
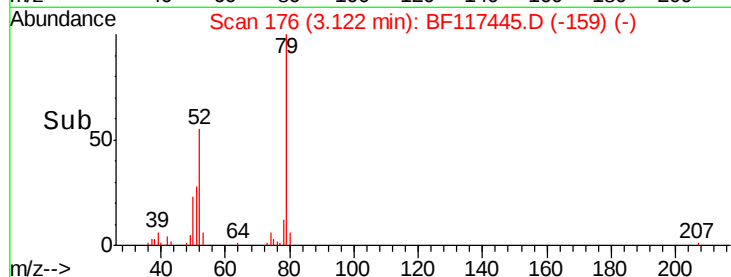
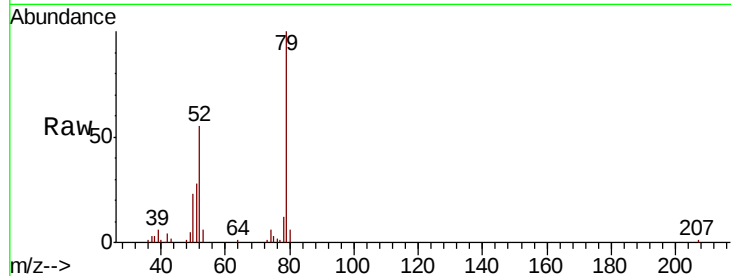
Tot Ion: 79 Resp: 274455

Ion Ratio Lower Upper

79 100

52 55.1 42.4 63.6

51 28.1 23.3 34.9



#4

n-Nitrosodimethylamine

Concen: 88.966 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.03 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

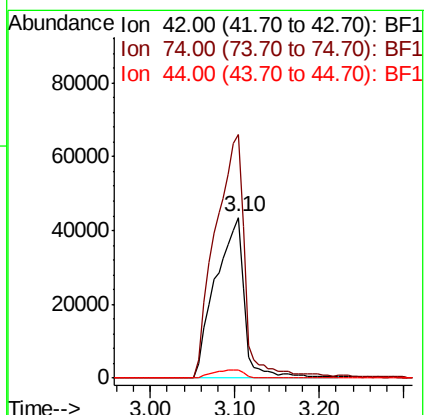
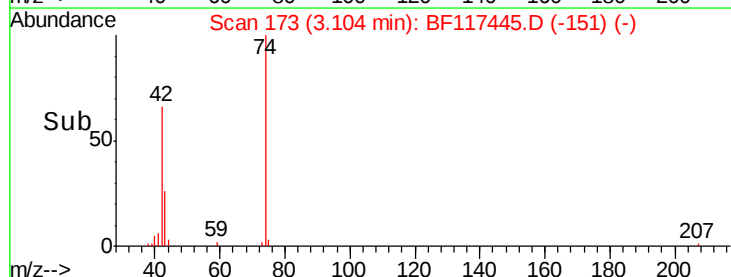
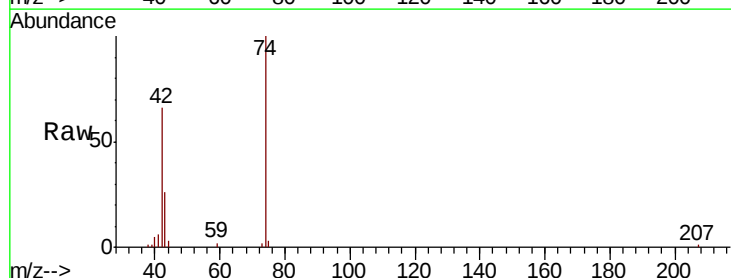
Tgt Ion: 42 Resp: 103617

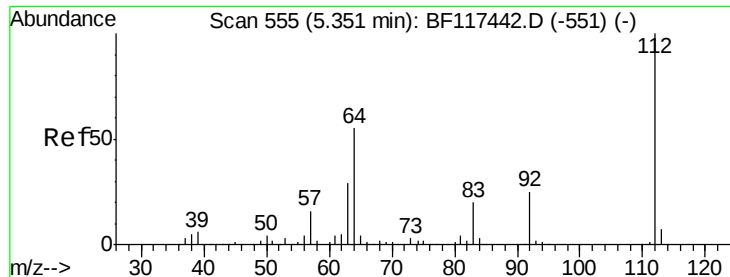
Ion Ratio Lower Upper

42 100

74 151.4 124.2 186.4

44 4.7 4.2 6.4





#5

2-Fluorophenol

Concen: 165.112 ng

RT: 5.36 min Scan# 556

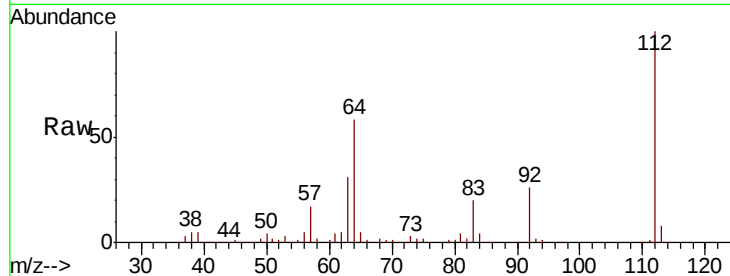
Delta R.T. 0.01 min

Lab File: BF117445.D

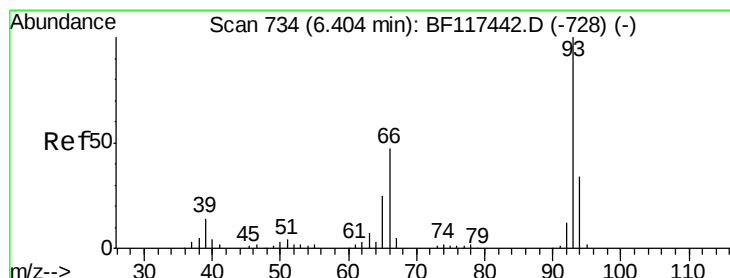
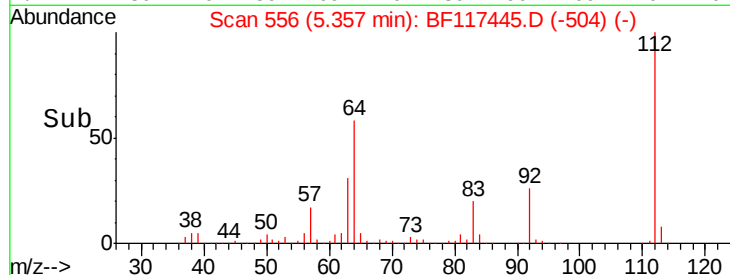
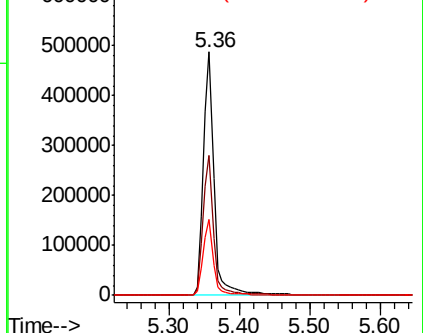
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	520879
Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.1	66.1
63	31.1	23.4	35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 76.557 ng

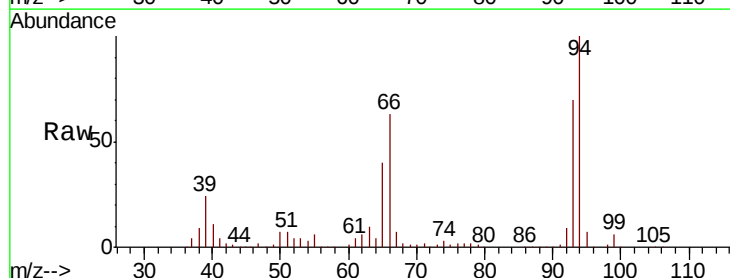
RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

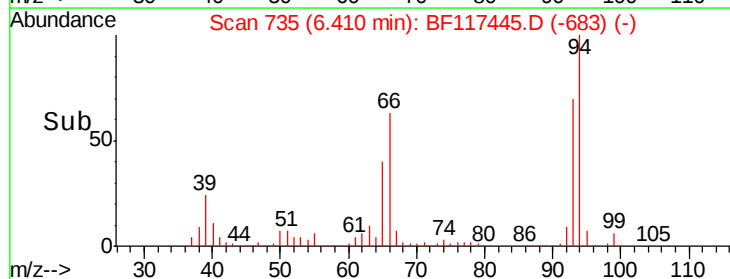
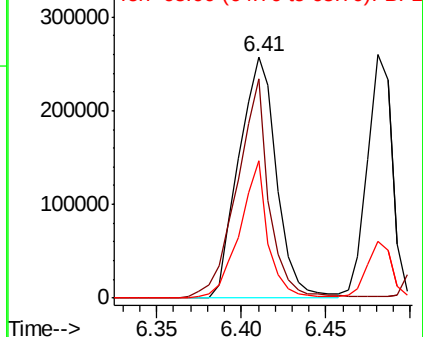
Lab File: BF117445.D

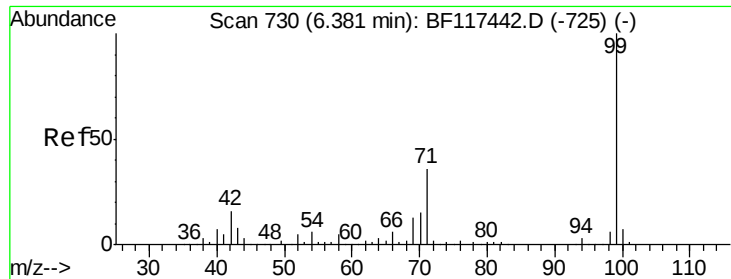
Acq: 18 Oct 2019 17:27

Tgt Ion:	93	Resp:	400305
Ion	Ratio	Lower	Upper
93	100		
66	90.8	38.7	58.1#
65	56.8	20.1	30.1#



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





#7

Phenol-d6

Concen: 162.148 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

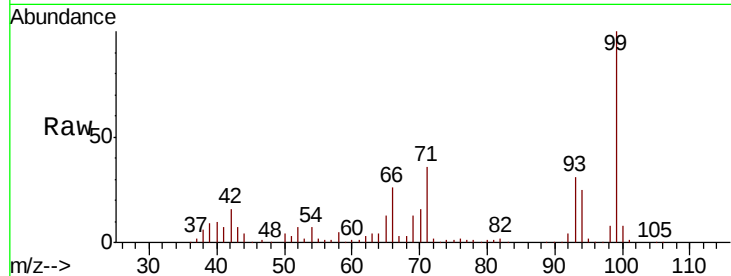
Tot Ion: 99 Resp: 678699

Ion Ratio Lower Upper

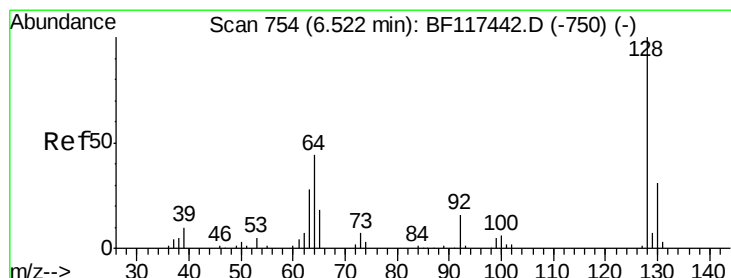
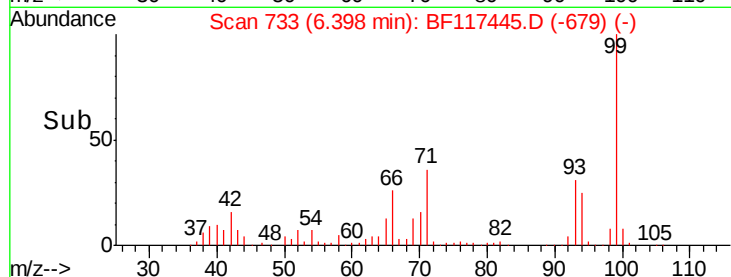
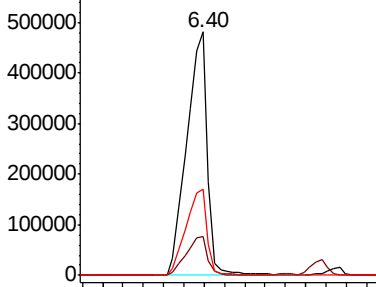
99 100

42 16.0 12.8 19.2

71 35.6 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 76.673 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

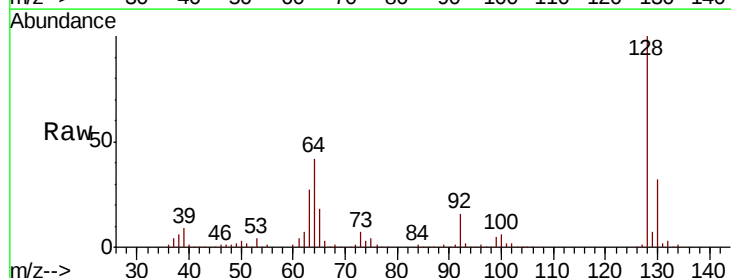
Tgt Ion: 128 Resp: 268915

Ion Ratio Lower Upper

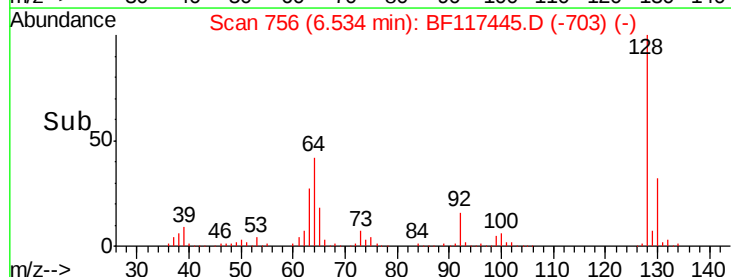
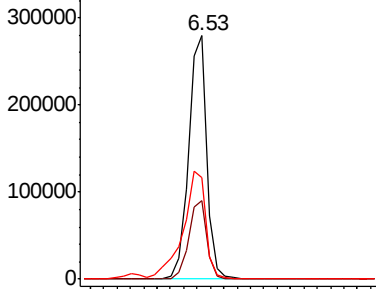
128 100

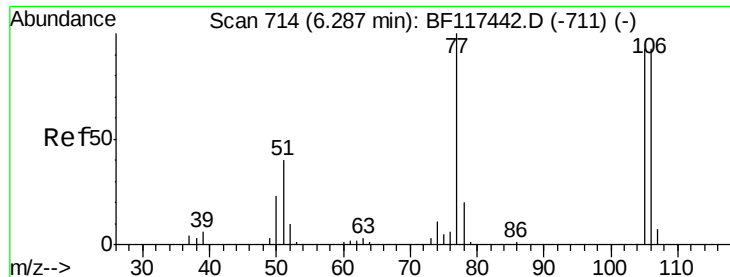
130 32.0 11.1 51.1

64 41.9 27.1 67.1



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

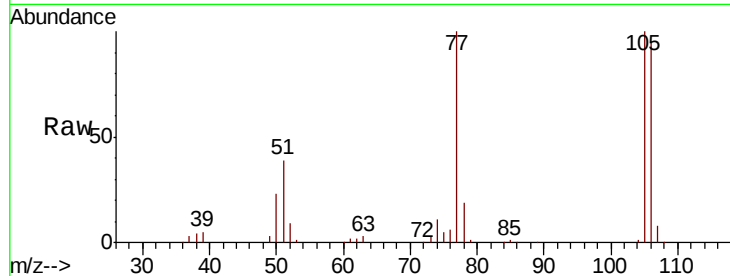




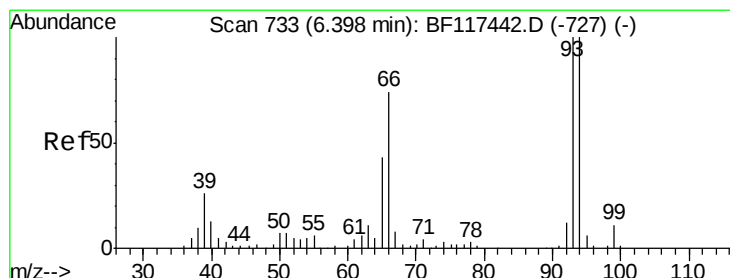
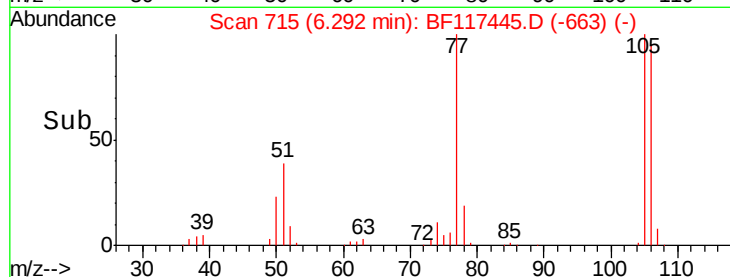
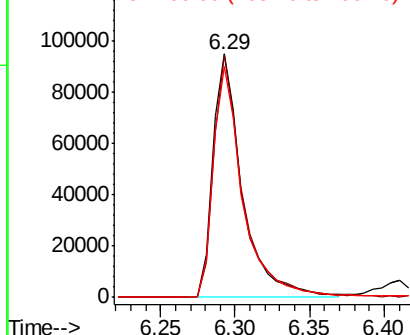
#9
Benzaldehyde
Concen: 63.783 ng
RT: 6.29 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 130171
Ion Ratio Lower Upper
77 100
105 99.7 73.4 113.4
106 94.9 73.0 113.0

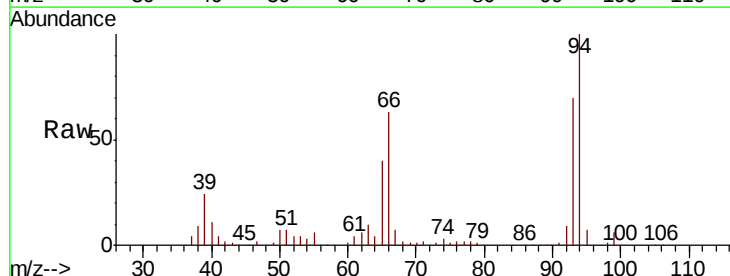


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

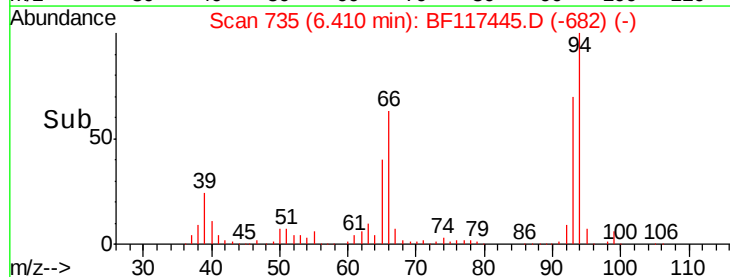
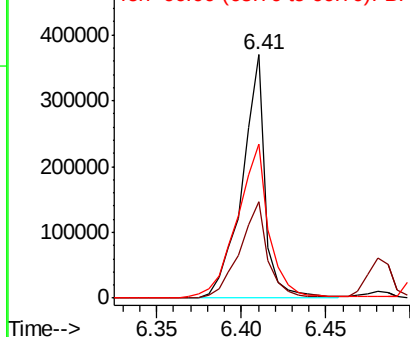


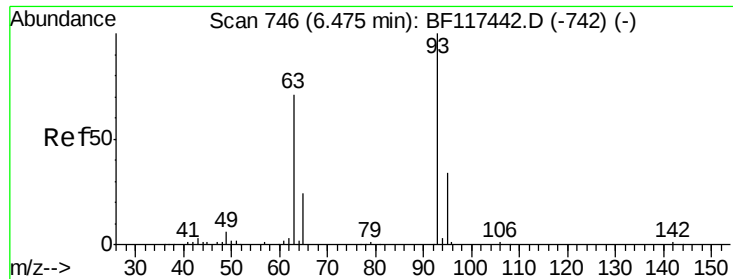
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Phenol
Concen: 78.267 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion: 94 Resp: 353672
Ion Ratio Lower Upper
94 100
65 39.5 23.4 63.4
66 63.1 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

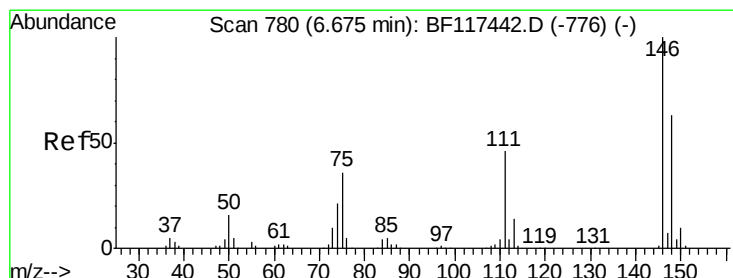
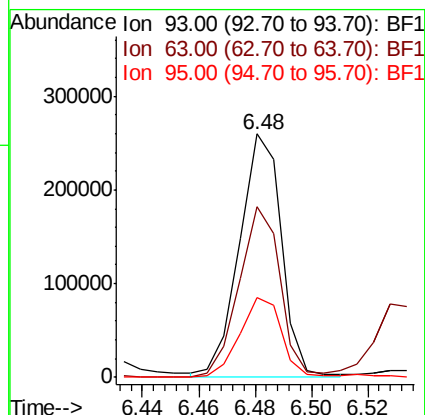
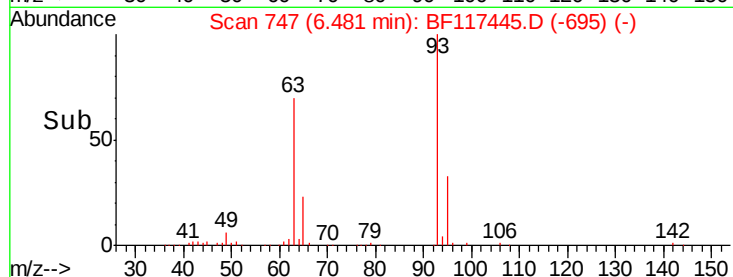
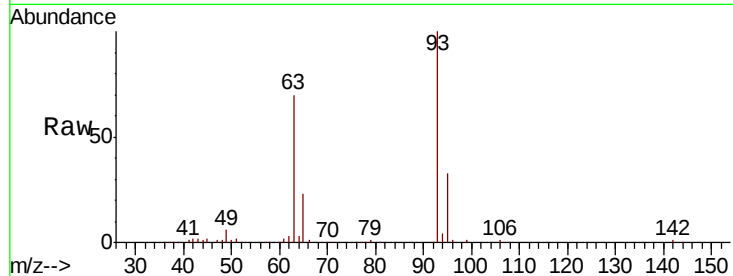




#11
bis(2-Chloroethyl)ether
Concen: 78.448 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

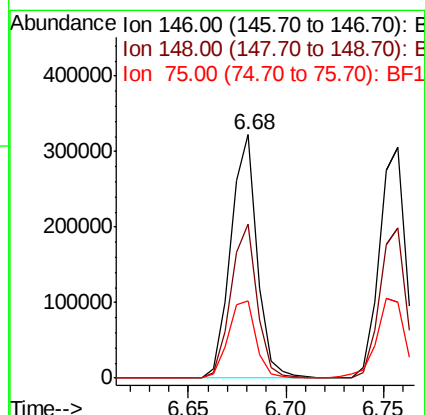
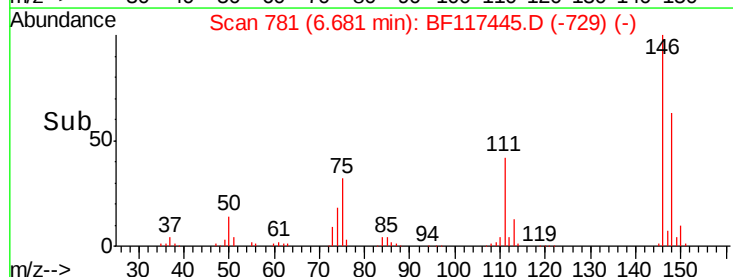
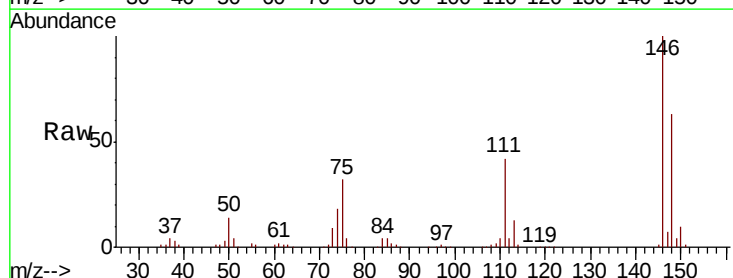
Instrument :
BNA_F
ClientSampleId :

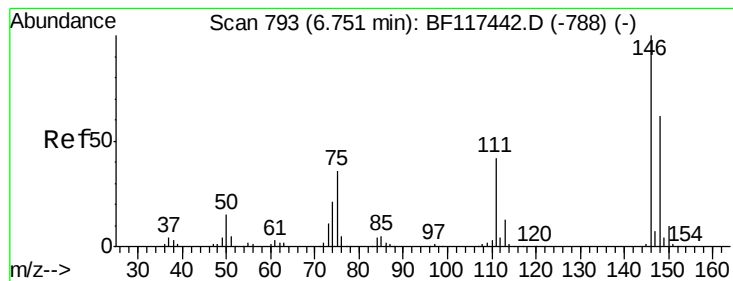
Tot Ion: 93 Resp: 269516
Ion Ratio Lower Upper
93 100
63 70.3 50.2 90.2
95 32.7 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 76.955 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion: 146 Resp: 301835
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
75 31.9 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 75.454 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampled :

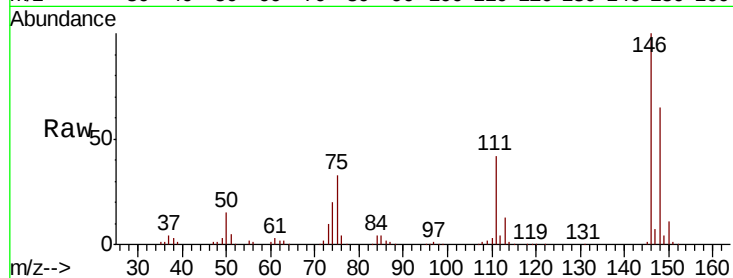
Tot Ion:146 Resp: 301683

Ion Ratio Lower Upper

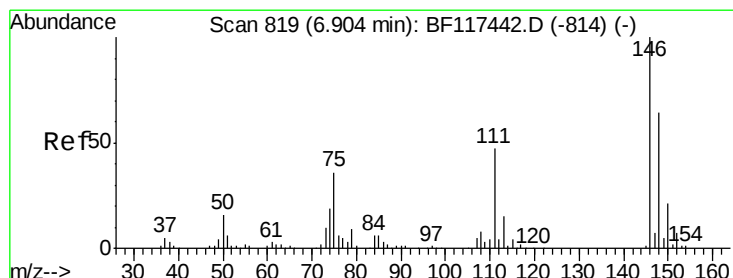
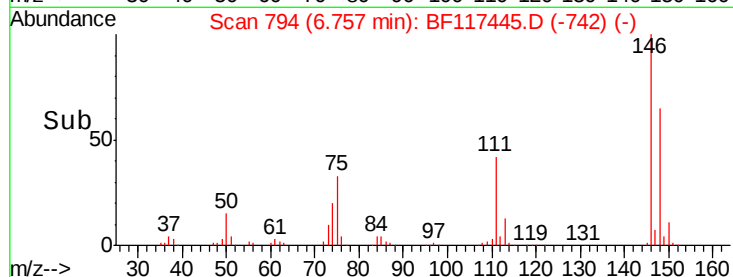
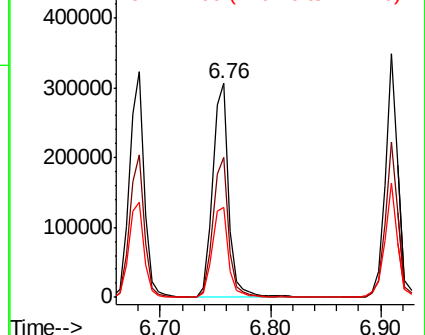
146 100

148 65.2 49.3 73.9

111 42.3 33.6 50.4



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



#14

1,2-Dichlorobenzene

Concen: 74.385 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

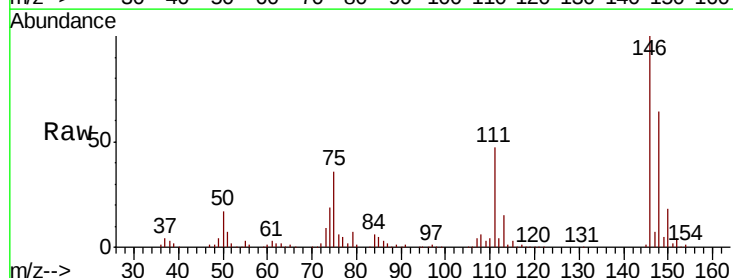
Tgt Ion:146 Resp: 280912

Ion Ratio Lower Upper

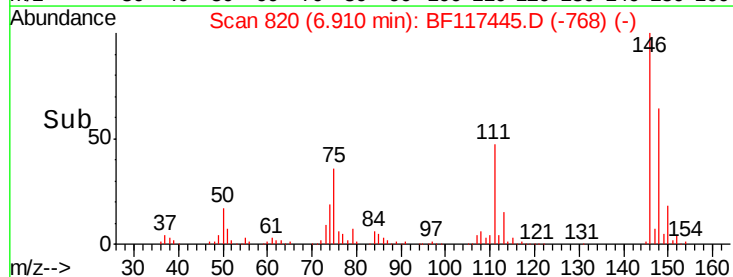
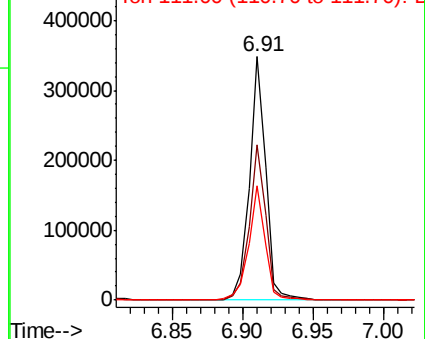
146 100

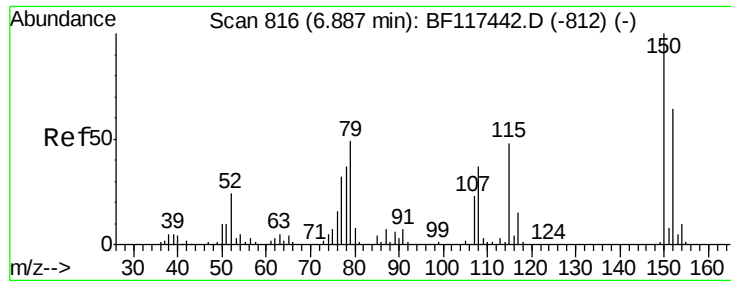
148 63.6 51.4 77.0

111 47.2 37.7 56.5



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

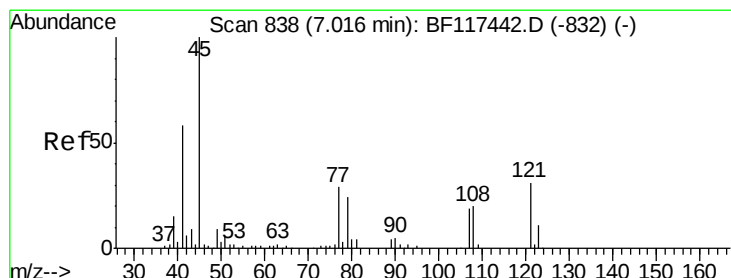
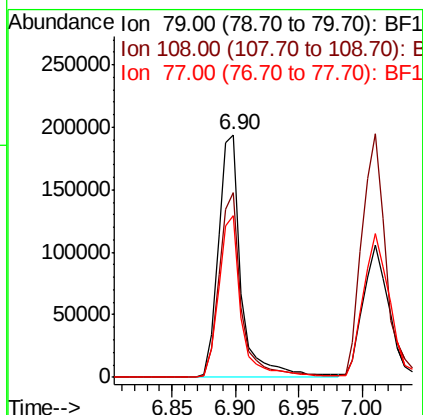
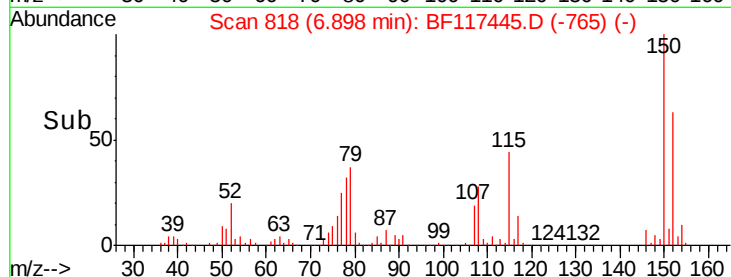
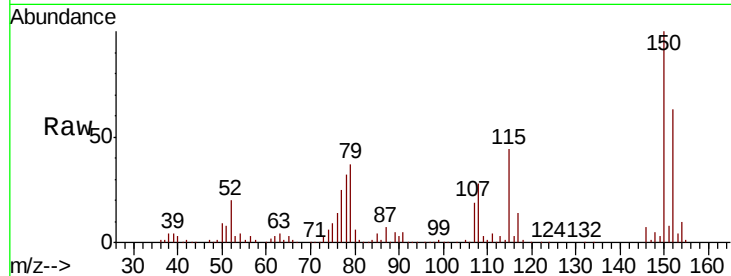




#15
Benzyl Alcohol
Concen: 76.639 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

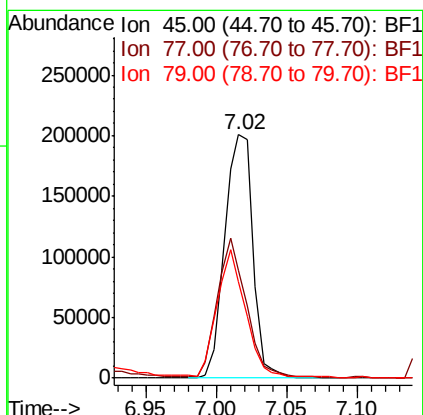
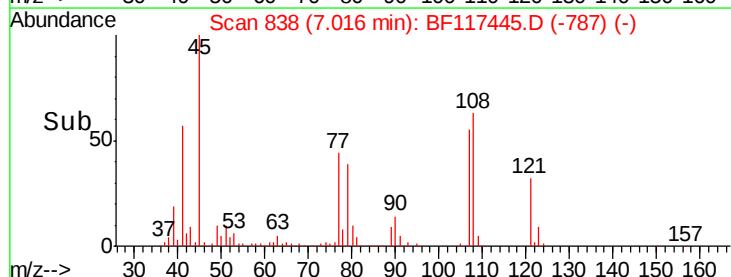
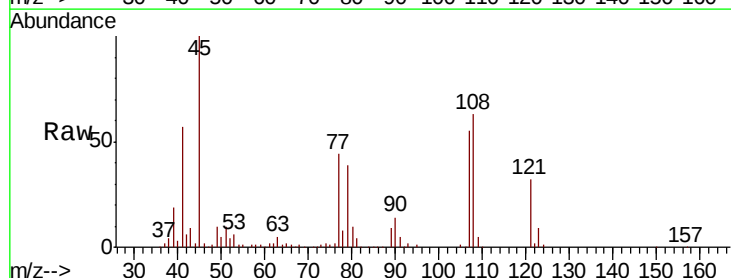
Instrument :
BNA_F
ClientSampled :

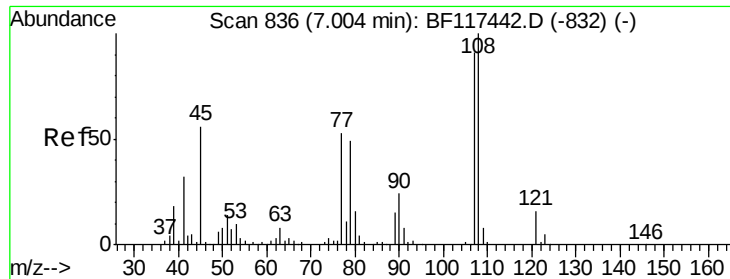
Tot Ion: 79 Resp: 245425
Ion Ratio Lower Upper
79 100
108 76.3 59.8 89.8
77 66.8 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 77.136 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion: 45 Resp: 278269
Ion Ratio Lower Upper
45 100
77 44.2 9.9 49.9
79 39.4 5.5 45.5

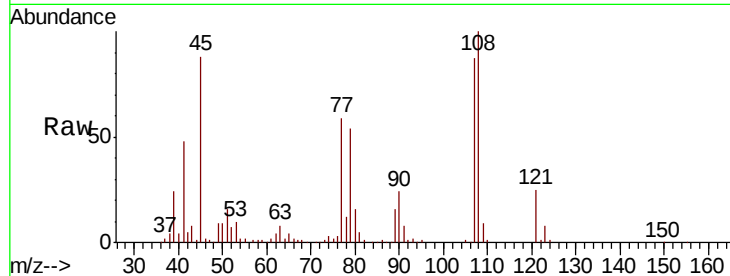




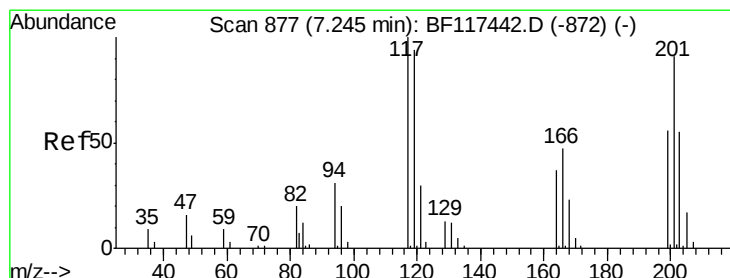
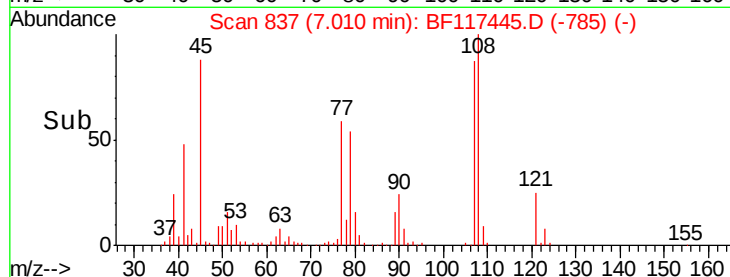
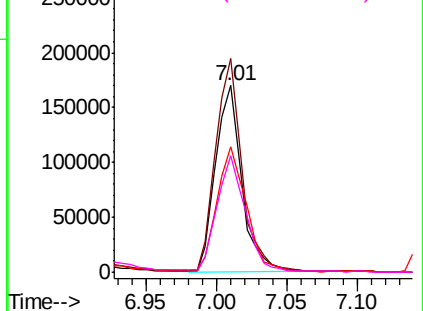
#17
2-Methylphenol
Concen: 75.141 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 220011
Ion Ratio Lower Upper
107 100
108 114.4 88.0 132.0
77 67.6 47.2 70.8
79 62.3 44.1 66.1

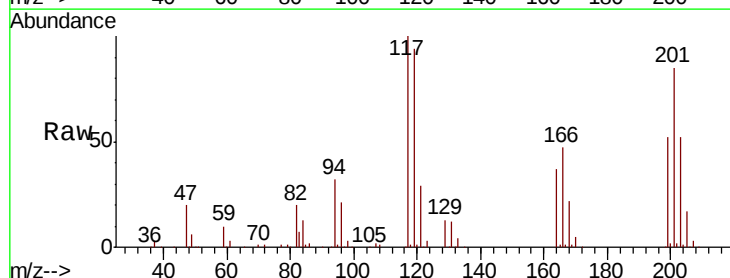


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

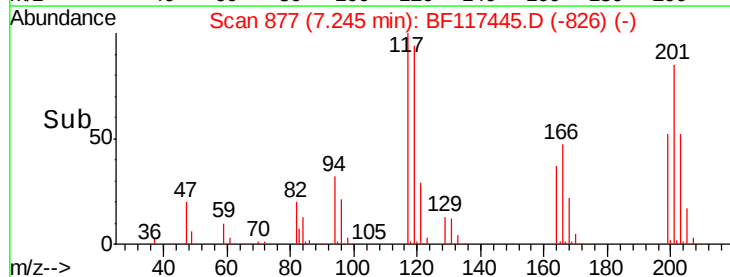
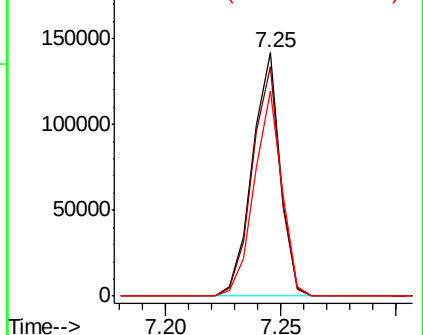


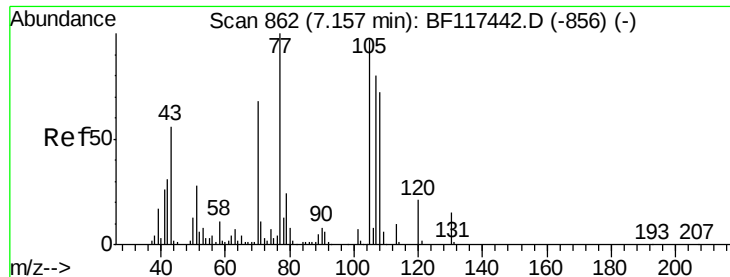
#18
Hexachloroethane
Concen: 77.173 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:117 Resp: 119965
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.0
201 84.5 72.5 108.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

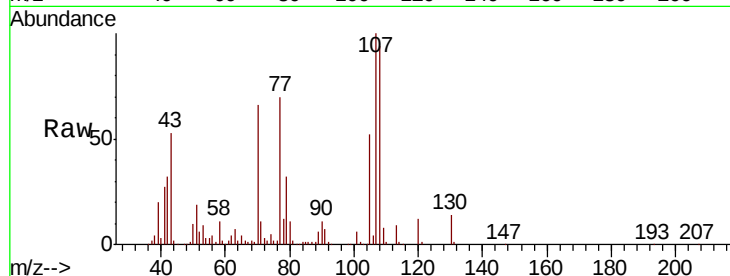




#19
n-Nitroso-di-n-propylamine
Concen: 78.222 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.8	36.7	55.1
101	9.7	8.3	12.5
130	20.4	18.1	27.1



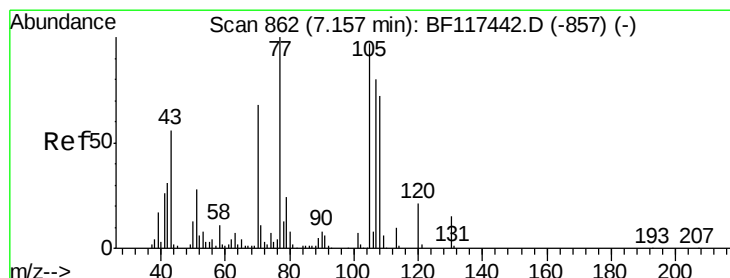
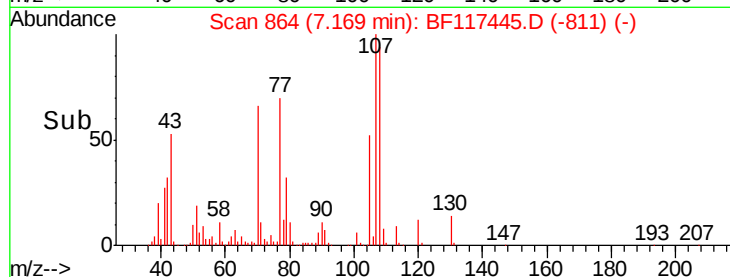
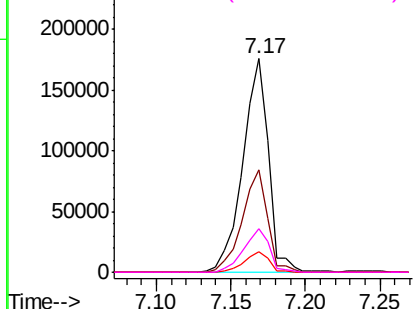
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 75.335 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	70.3	110.3
77	70.3	104.8	144.8
79	31.7	10.0	50.0

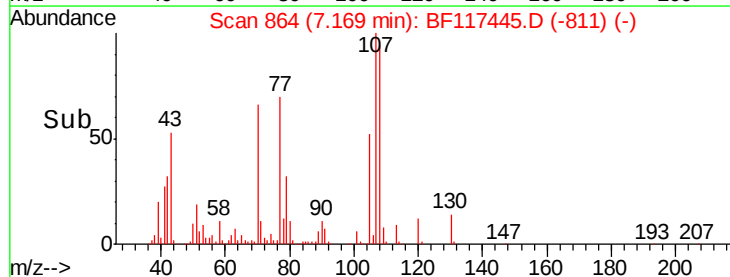
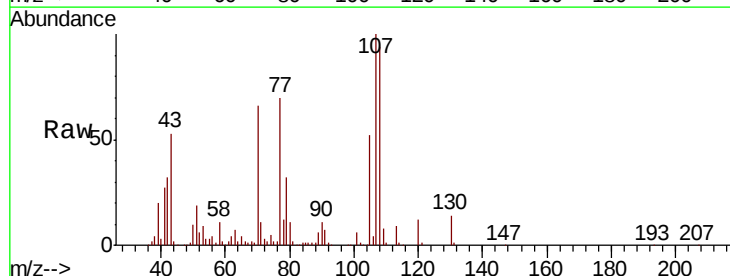
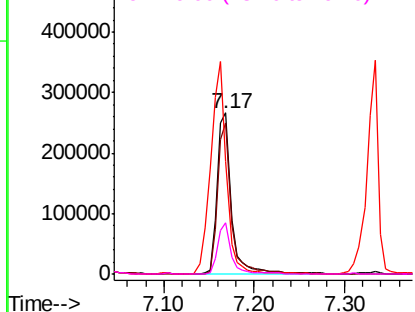
Abundance

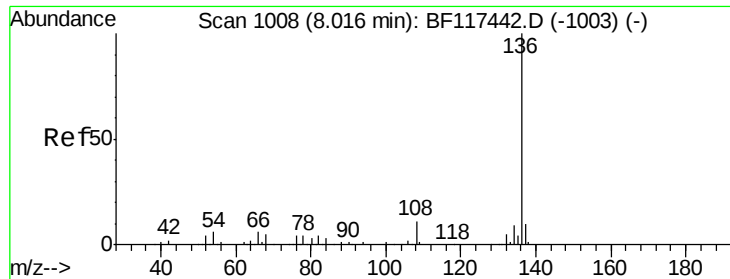
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 203451

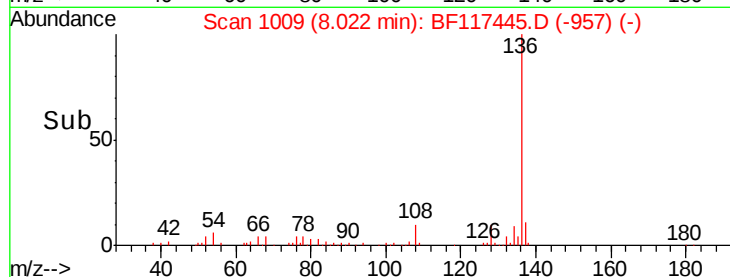
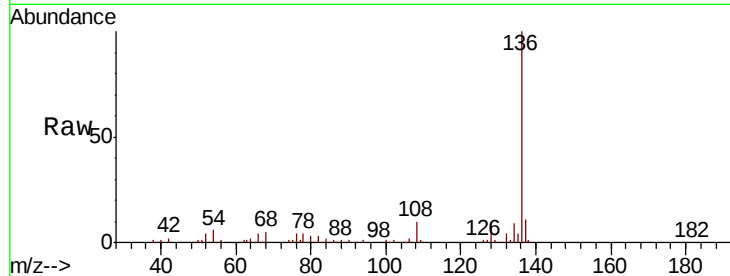
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 5.6 4.5 6.7

68 4.7 4.3 6.5

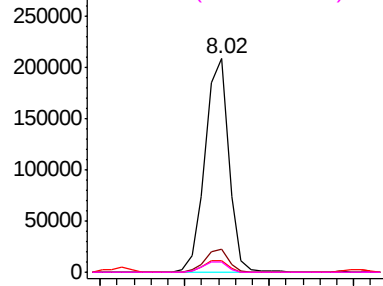


Abundance Ion 136.00 (135.70 to 136.70): E

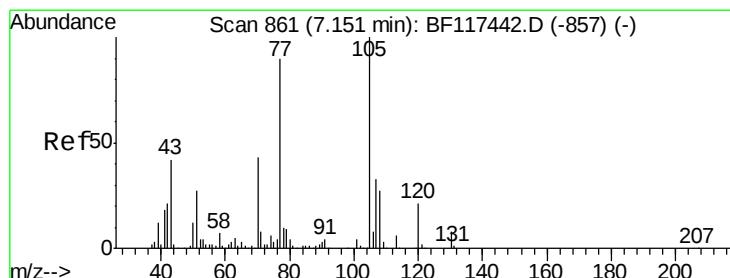
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 79.525 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Tgt Ion:105 Resp: 424557

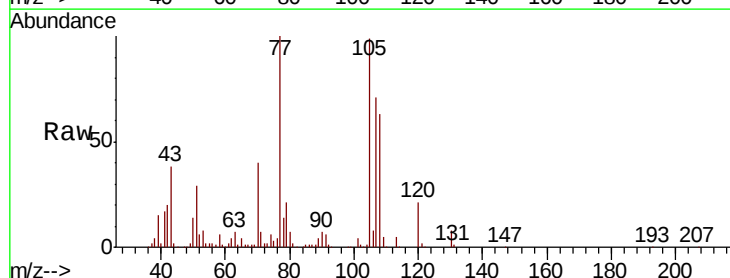
Ion Ratio Lower Upper

105 100

71 6.7 6.2 9.2

51 28.9 21.8 32.6

120 21.0 16.7 25.1

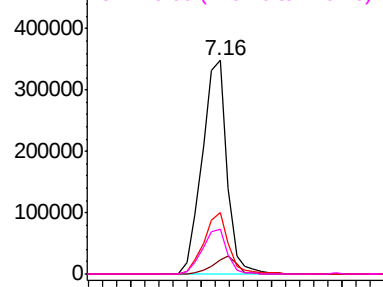


Abundance Ion 105.00 (104.70 to 105.70): E

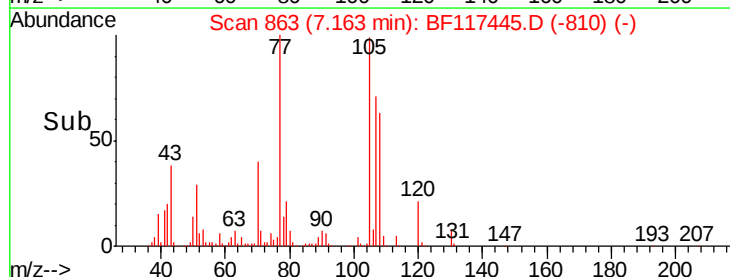
Ion 71.00 (70.70 to 71.70): BF1

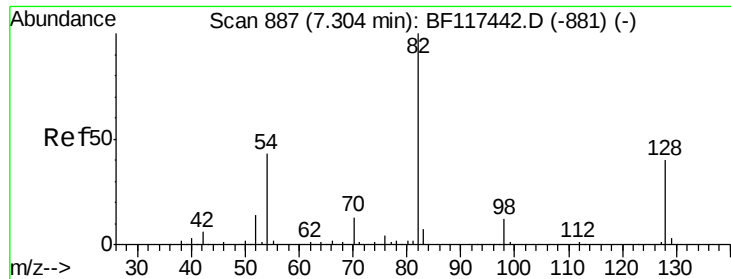
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

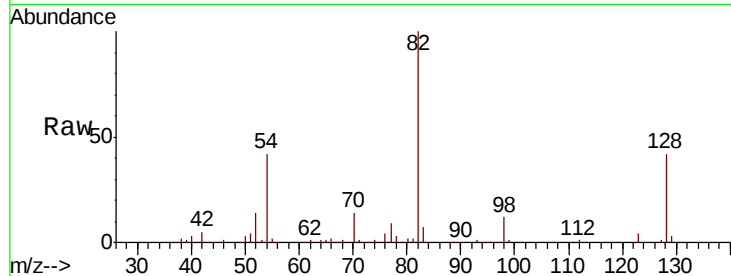




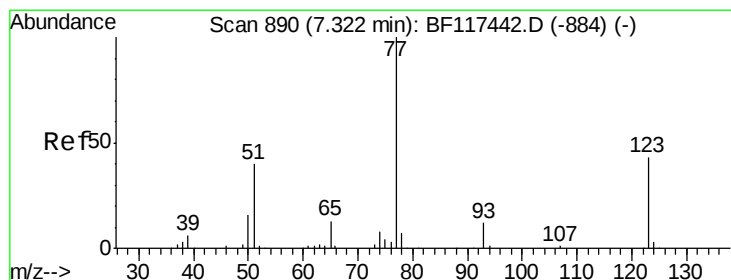
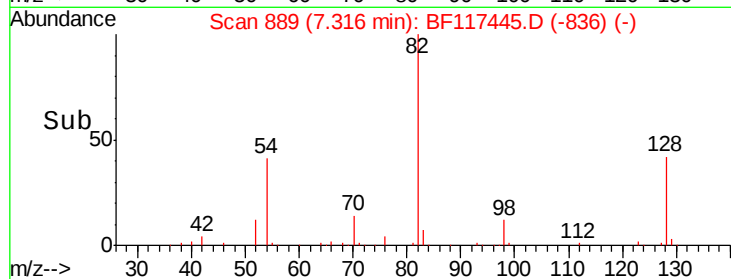
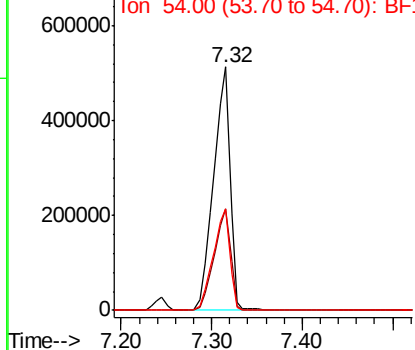
#23
 Nitrobenzene-d5
 Concen: 162.056 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	650425
Ion Ratio	100	Lower	Upper
128	41.8	32.2	48.2
54	41.9	34.2	51.2

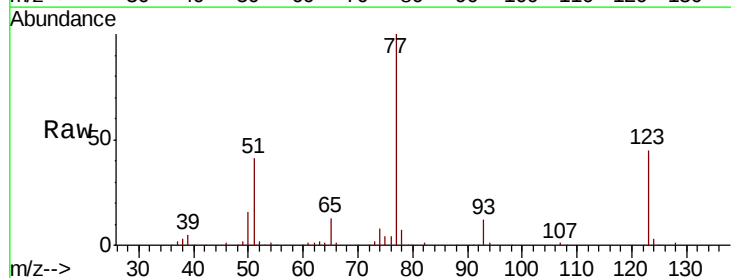


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

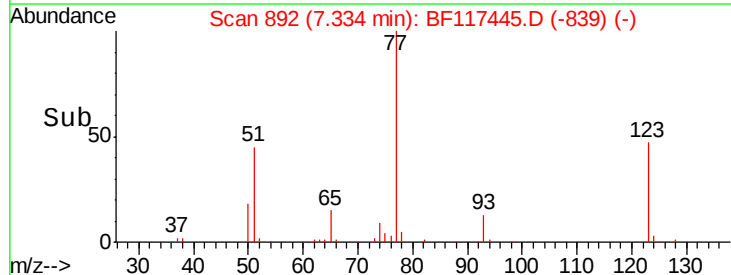
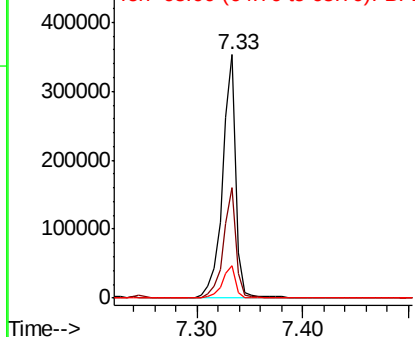


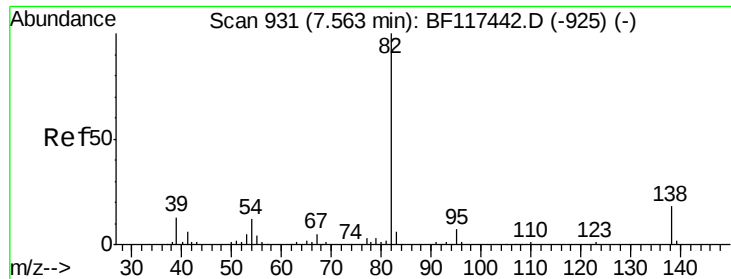
#24
 Nitrobenzene
 Concen: 77.199 ng
 RT: 7.33 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion	77	Resp	310378
Ion Ratio	100	Lower	Upper
123	45.2	34.2	51.2
65	13.1	10.3	15.5



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





#25

Isophorone

Concen: 77.924 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

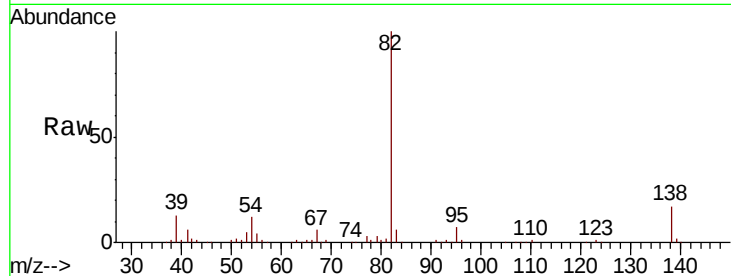
Tot Ion: 82 Resp: 557132

Ion Ratio Lower Upper

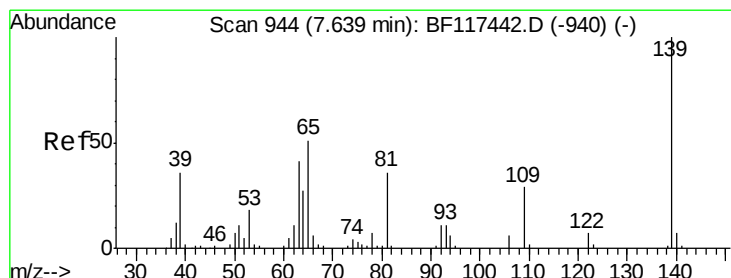
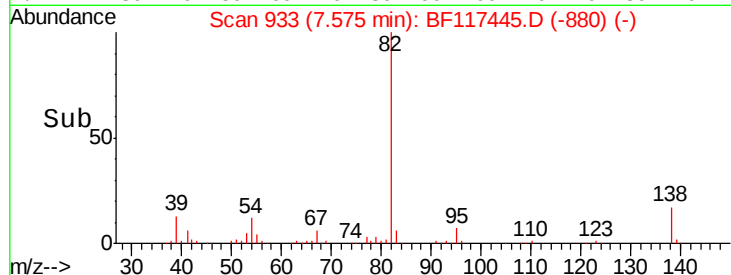
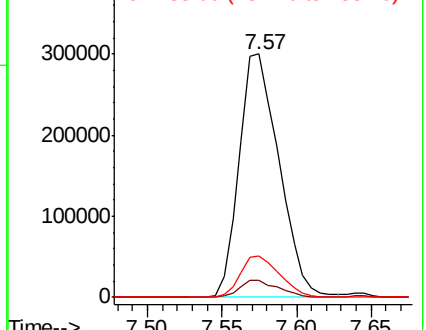
82 100

95 6.8 5.4 8.0

138 17.0 14.2 21.2



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



#26

2-Nitrophenol

Concen: 80.329 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

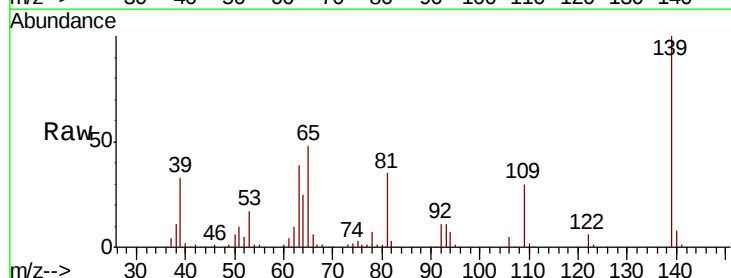
Tgt Ion: 139 Resp: 143292

Ion Ratio Lower Upper

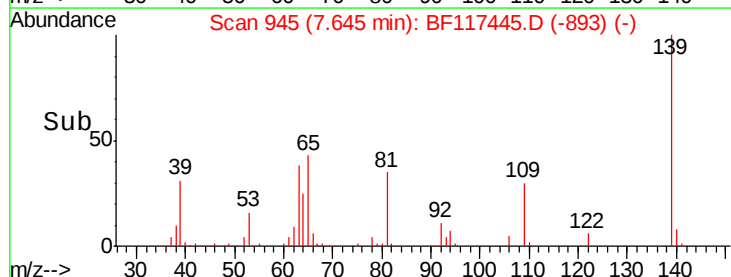
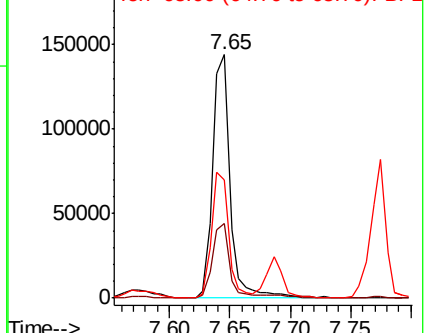
139 100

109 30.4 23.2 34.8

65 48.5 41.1 61.7



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

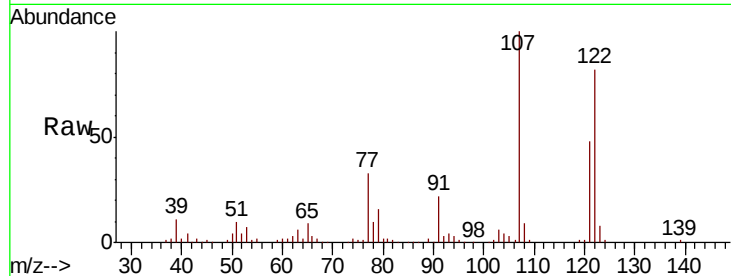




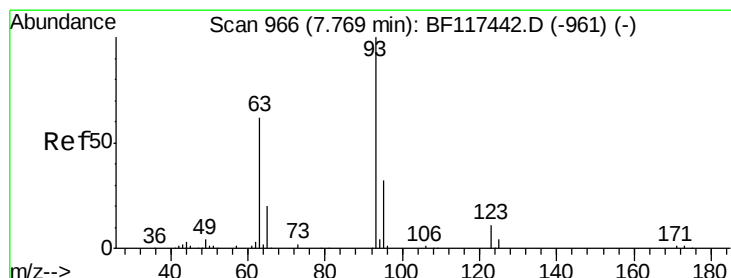
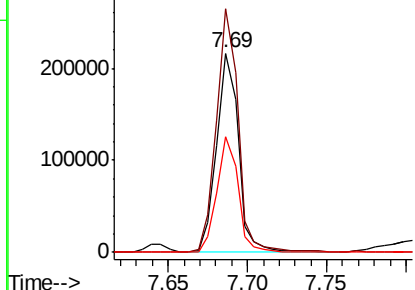
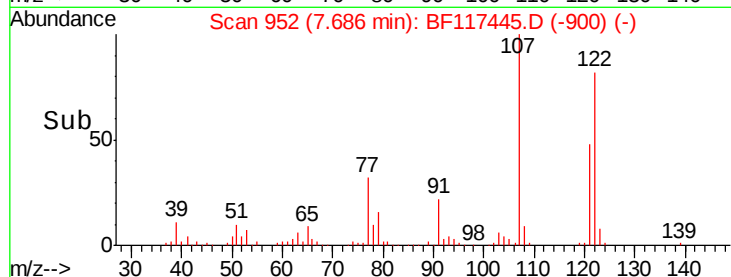
#27
2,4-Dimethylphenol
Concen: 76.150 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 206448
Ion Ratio Lower Upper
122 100
107 122.1 96.8 145.2
121 58.1 46.4 69.6

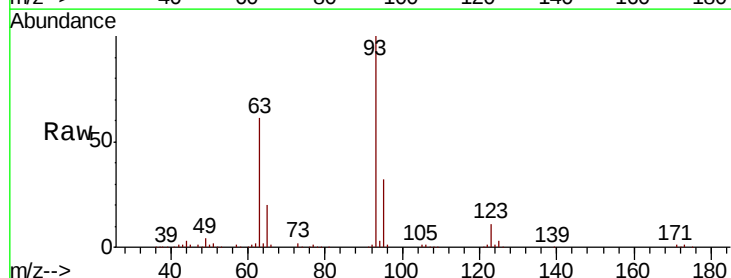


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

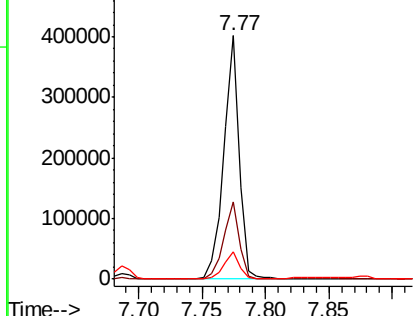
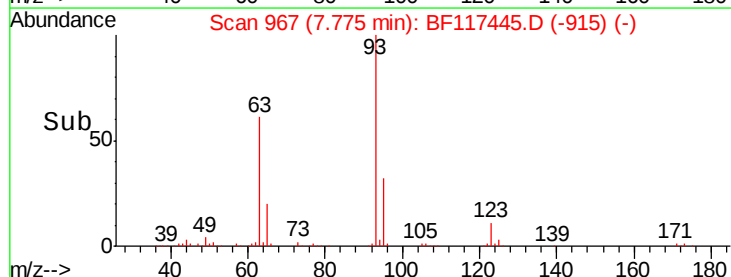


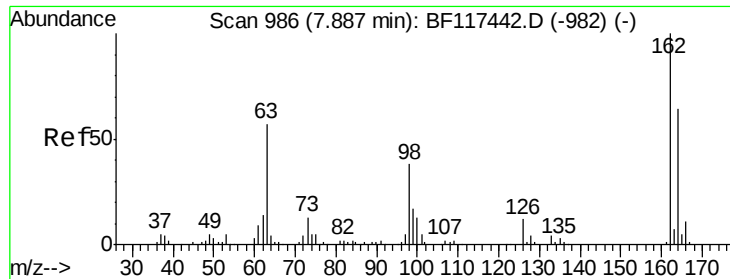
#28
bis(2-Chloroethoxy)methane
Concen: 77.529 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion: 93 Resp: 343630
Ion Ratio Lower Upper
93 100
95 31.6 25.5 38.3
123 11.0 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

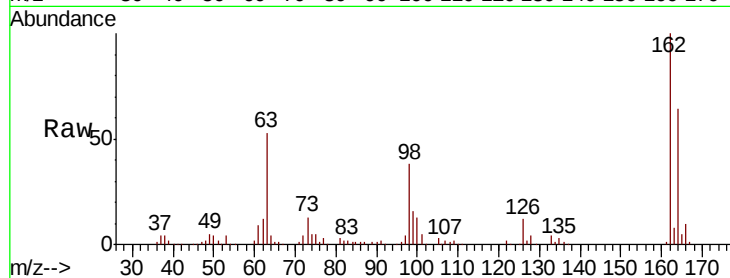




#29
2,4-Dichlorophenol
Concen: 78.582 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.4	84.4
98	37.7	18.2	58.2

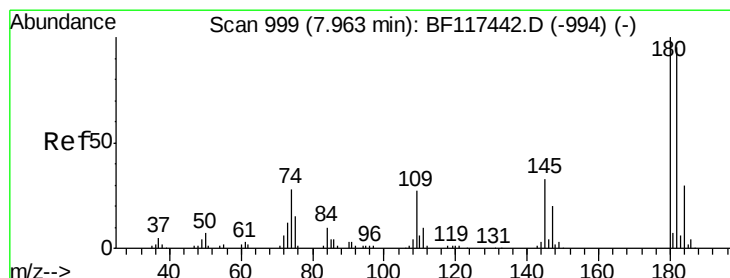
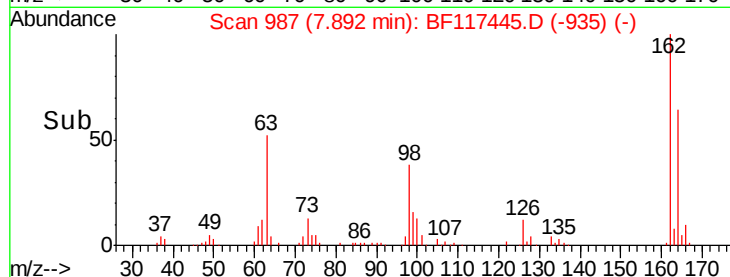
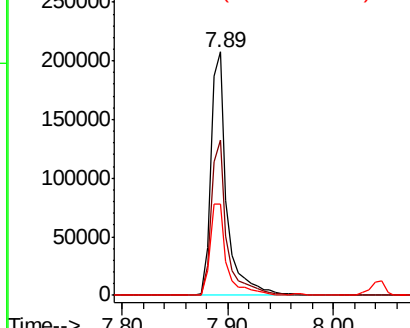


Abundance

Ion 162.00 (161.70 to 162.70): E

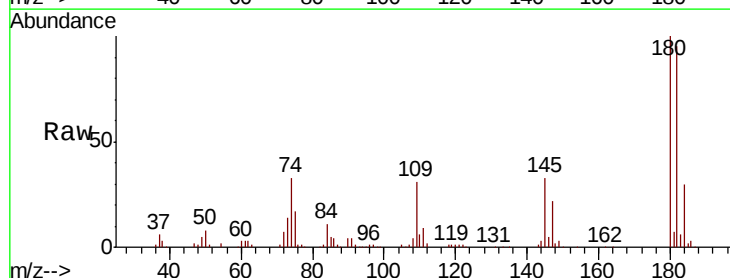
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 77.464 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.8
145	33.3	26.5	39.7

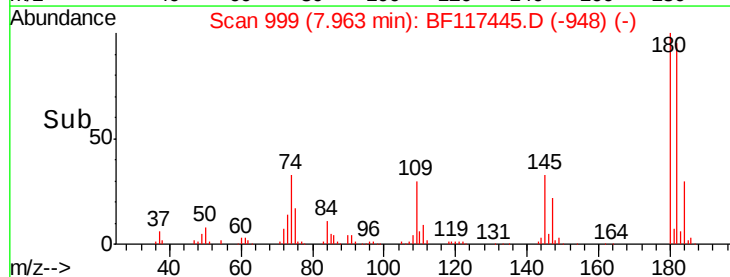
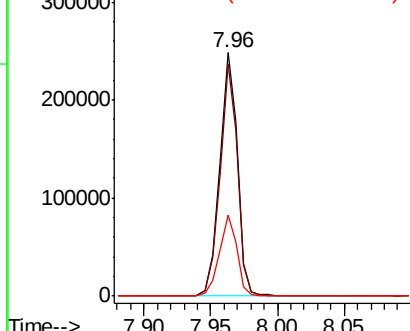


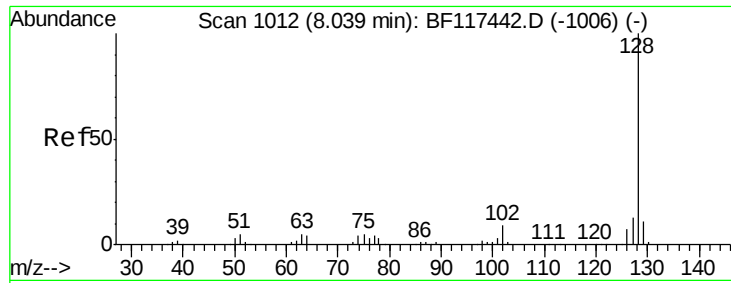
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

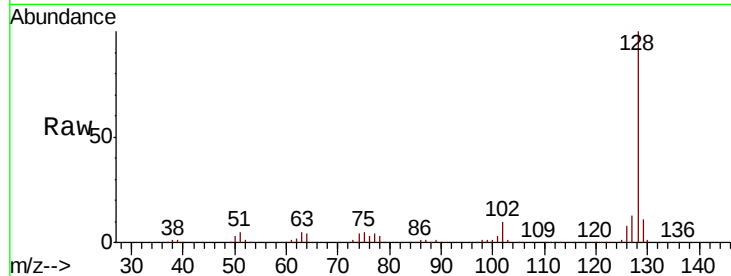




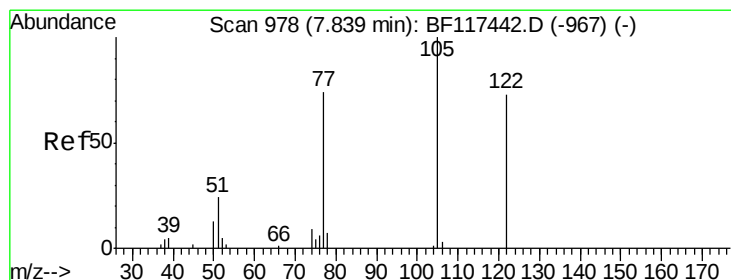
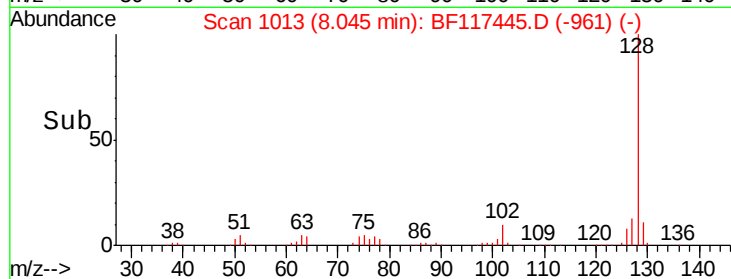
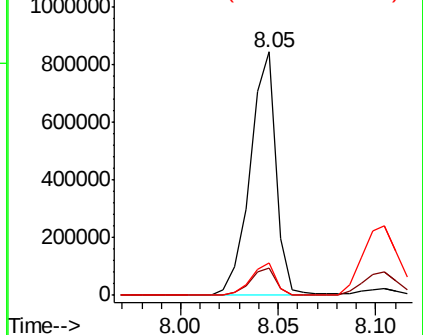
#31
Naphthalene
Concen: 76.885 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 781182
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.4 10.2 15.2

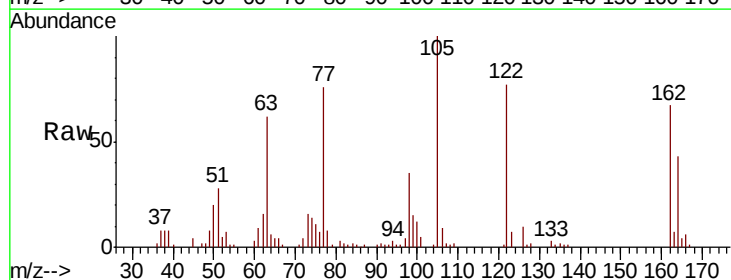


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

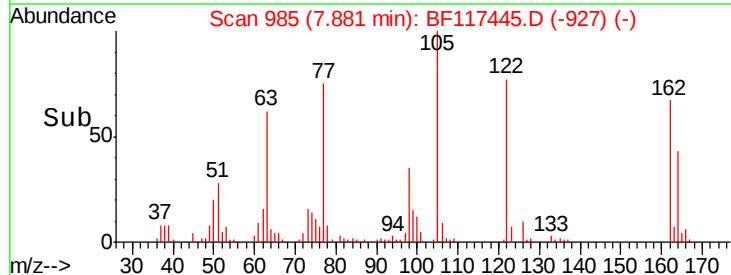
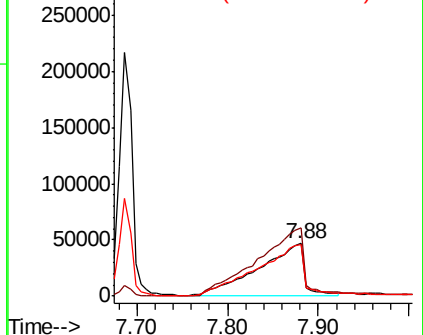


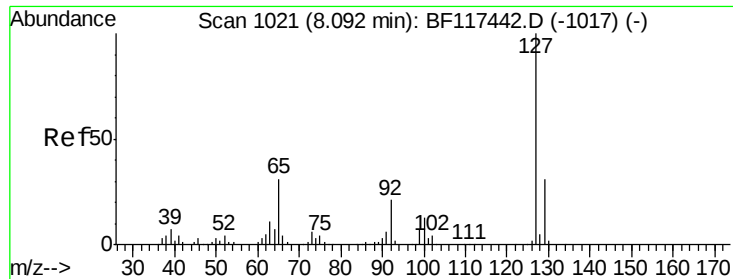
#32
Benzoic acid
Concen: 94.112 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.04 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:122 Resp: 158876
Ion Ratio Lower Upper
122 100
105 129.9 115.0 155.0
77 98.6 79.7 119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

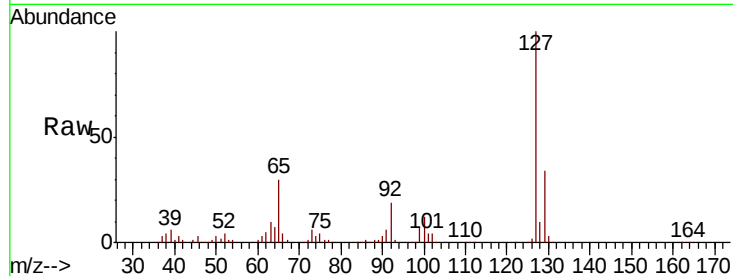




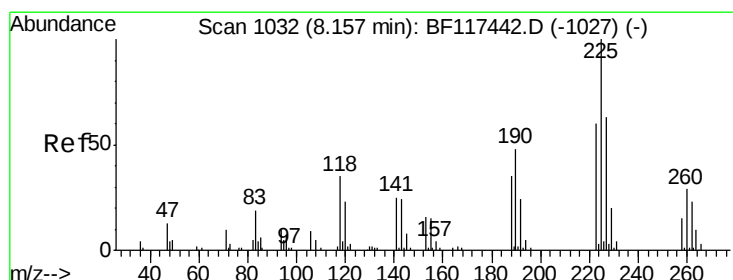
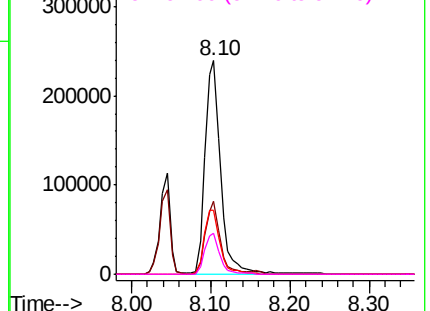
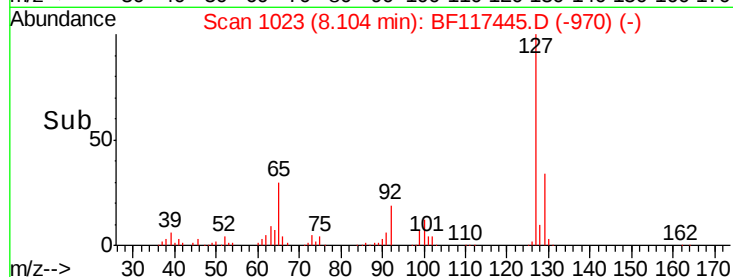
#33
4-Chloroaniline
Concen: 76.793 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	331360
Ion	Ratio	Lower	Upper
127	100		
129	33.9	24.8	37.2
65	30.3	24.6	37.0
92	19.3	16.5	24.7

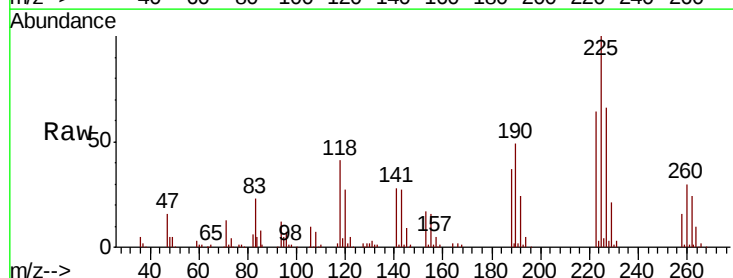


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

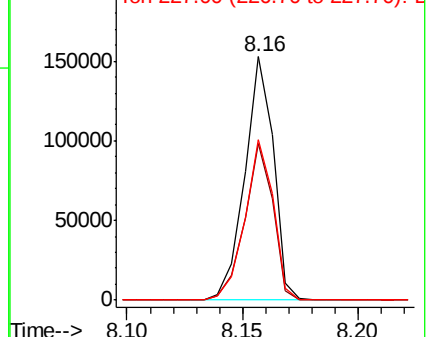
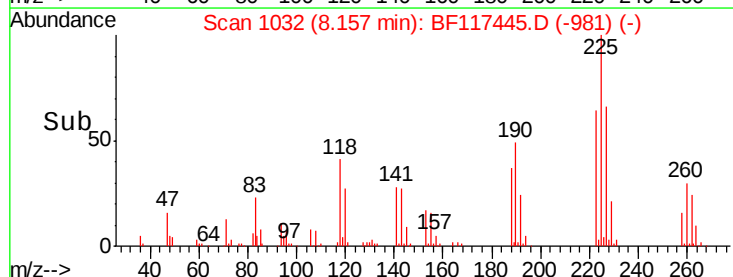


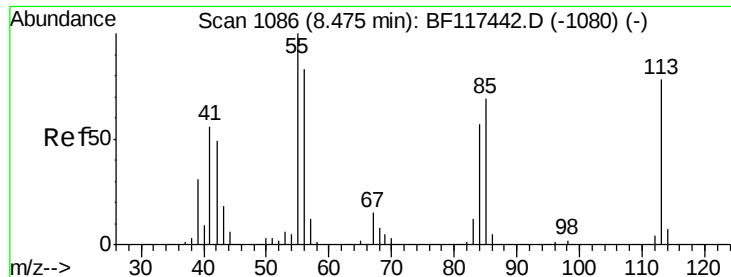
#34
Hexachlorobutadiene
Concen: 76.800 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:	225	Resp:	132643
Ion	Ratio	Lower	Upper
225	100		
223	64.3	48.2	72.4
227	65.8	50.2	75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

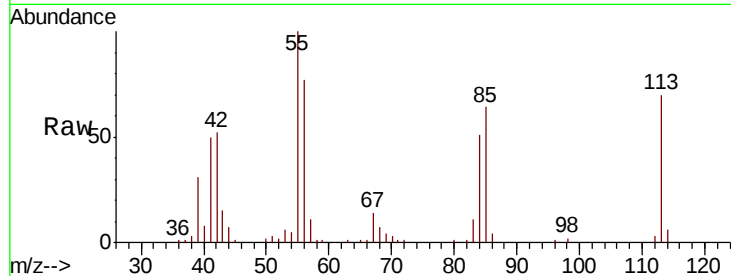




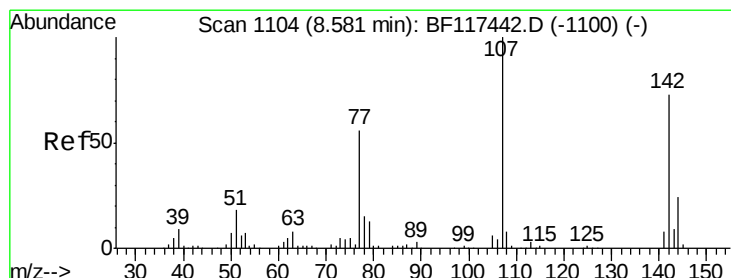
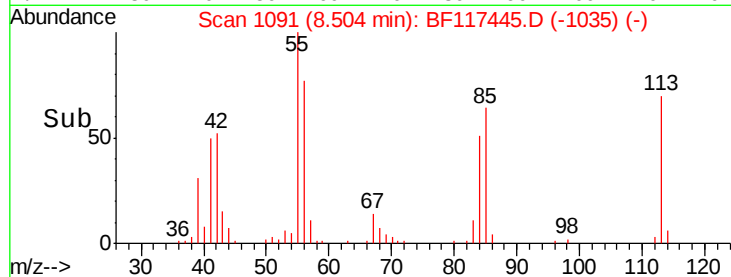
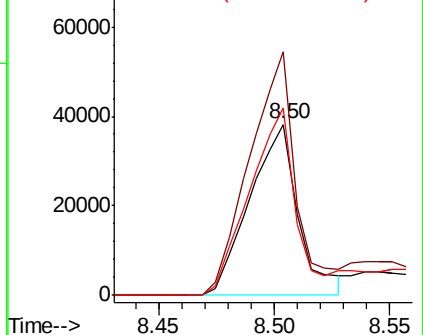
#35
Caprolactam
Concen: 63.779 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.03 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 55871
Ion Ratio Lower Upper
113 100
55 142.3 108.8 148.8
56 109.2 87.2 127.2

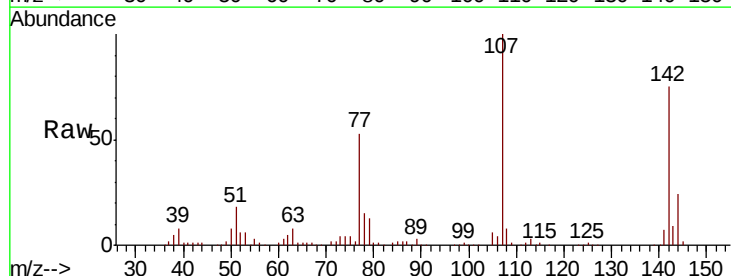


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

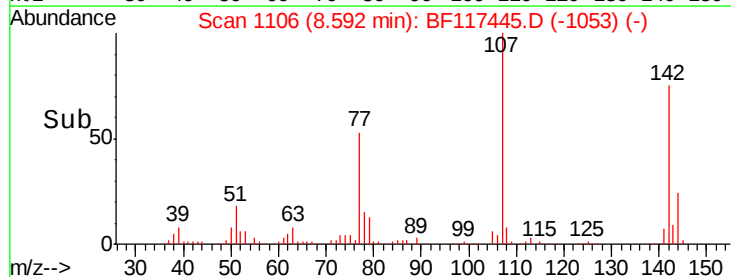
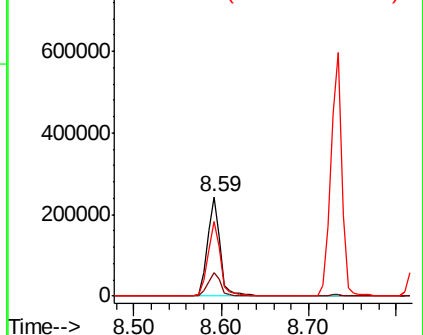


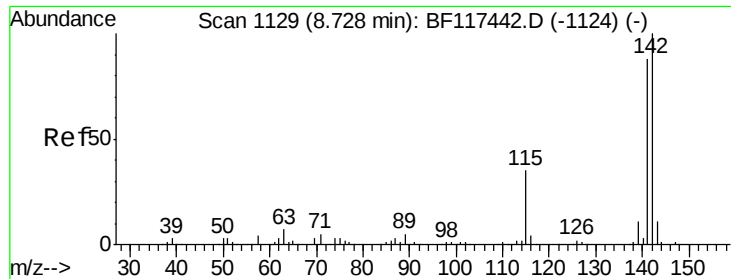
#36
4-Chloro-3-methylphenol
Concen: 76.263 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:107 Resp: 242750
Ion Ratio Lower Upper
107 100
144 24.0 18.9 28.3
142 74.7 58.6 88.0



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

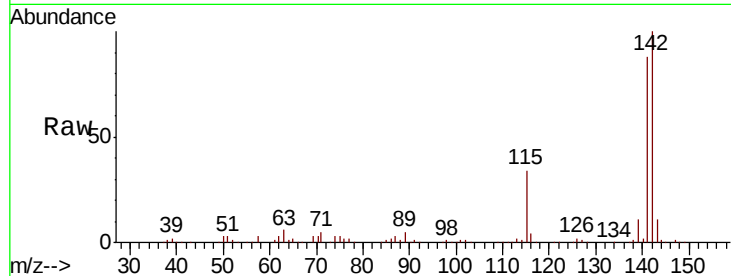




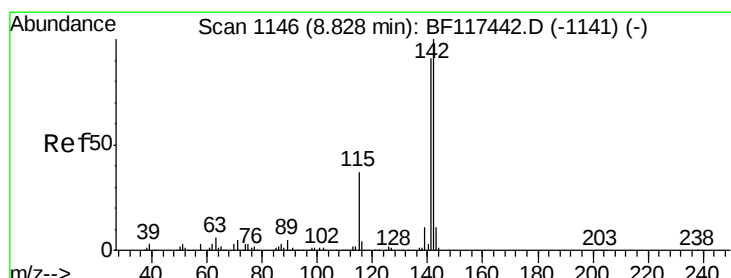
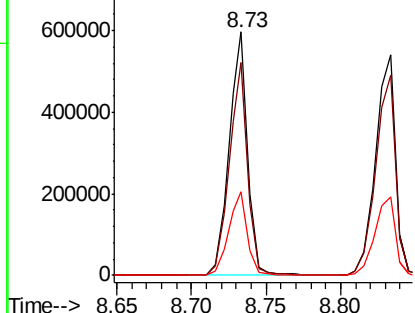
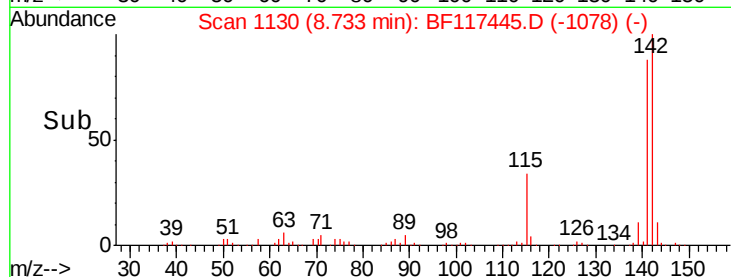
#37
2-Methylnaphthalene
Concen: 76.289 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	34.4	28.2	42.2

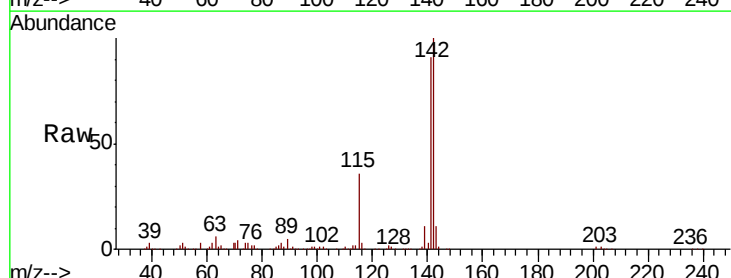


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

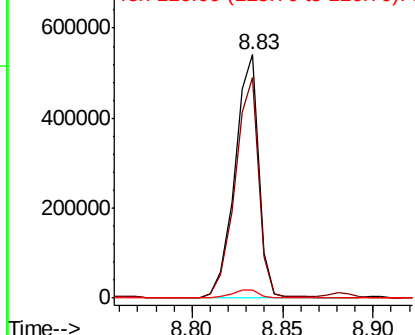
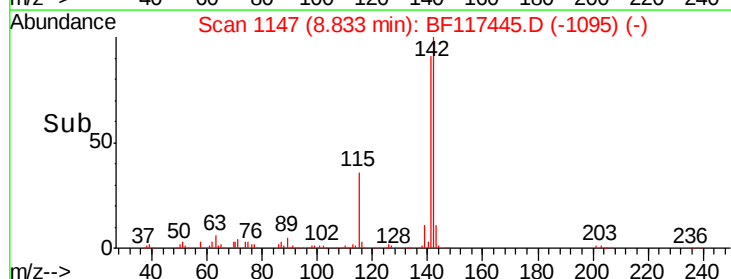


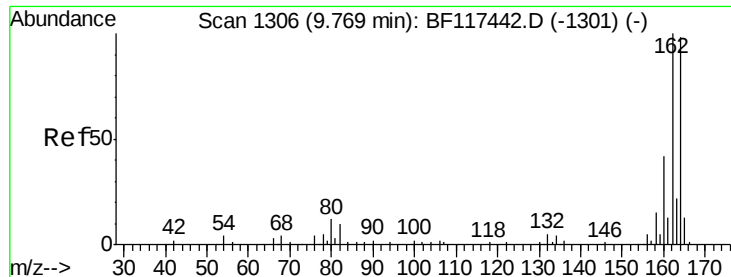
#38
1-Methylnaphthalene
Concen: 76.134 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.3	109.9
116	3.4	3.1	4.7



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

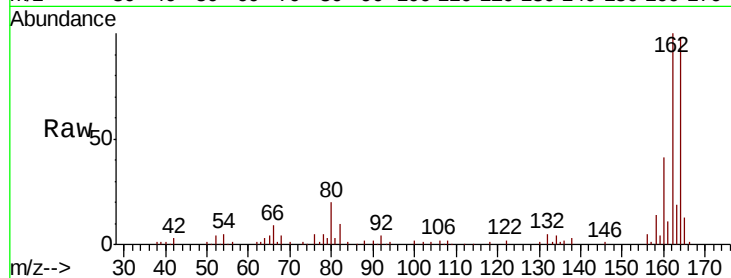




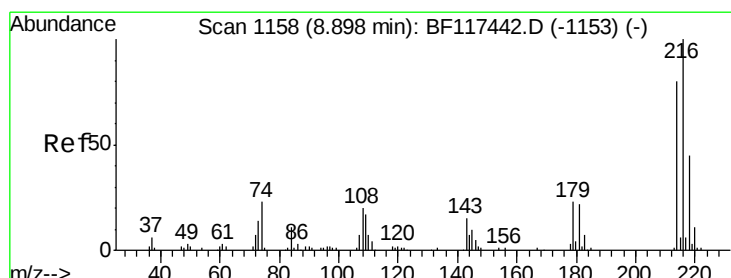
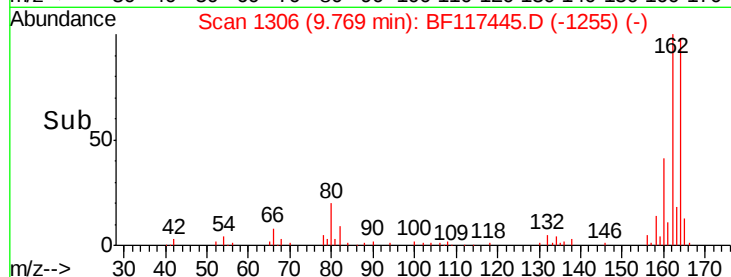
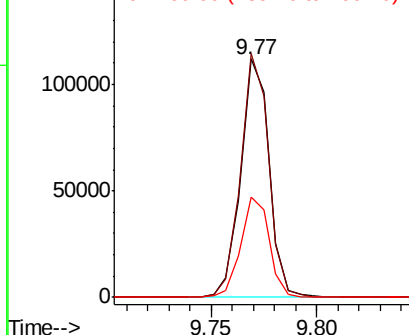
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 103987
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 42.0 34.4 51.6

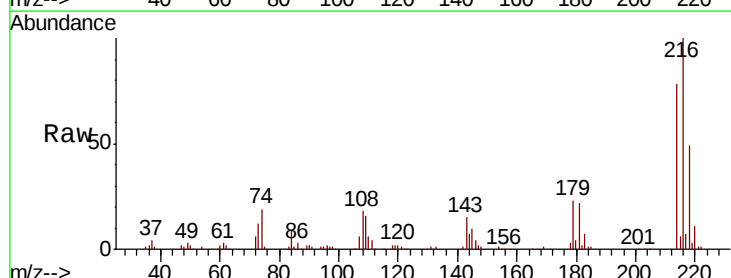


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

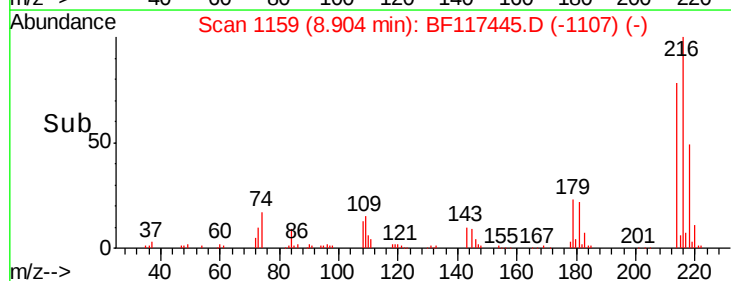
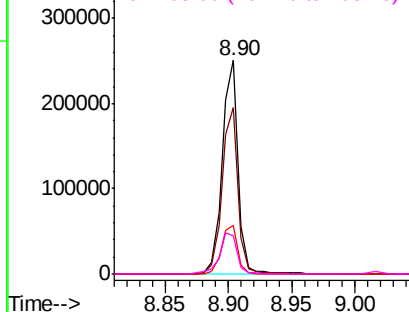


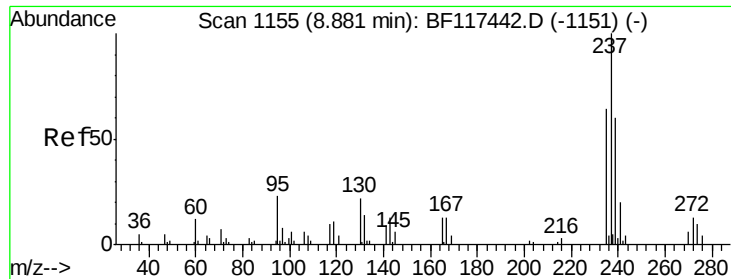
#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.939 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:216 Resp: 218123
Ion Ratio Lower Upper
216 100
214 78.8 62.4 93.6
179 23.6 18.1 27.1
108 21.8 16.6 24.8



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 118.891 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

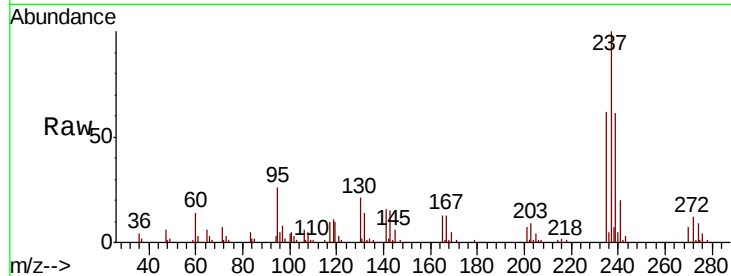
Tot Ion:237 Resp: 62133

Ion Ratio Lower Upper

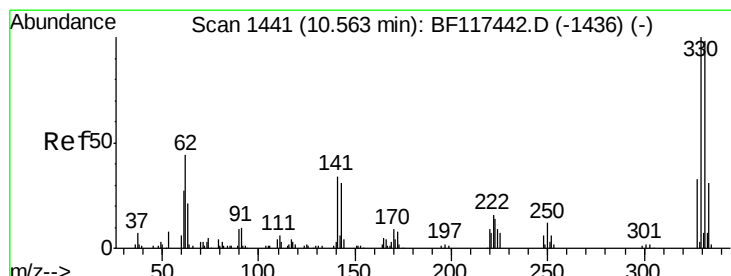
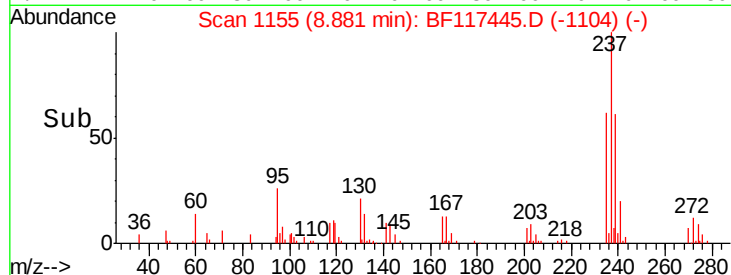
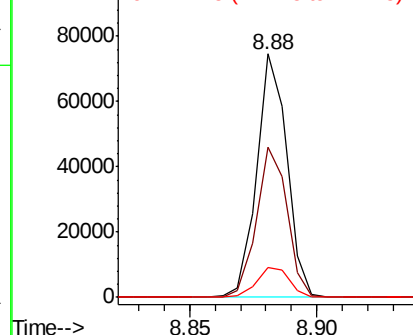
237 100

235 61.6 44.3 84.3

272 12.0 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 163.674 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

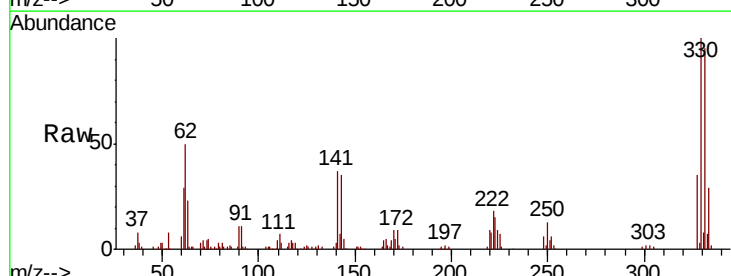
Tgt Ion:330 Resp: 138520

Ion Ratio Lower Upper

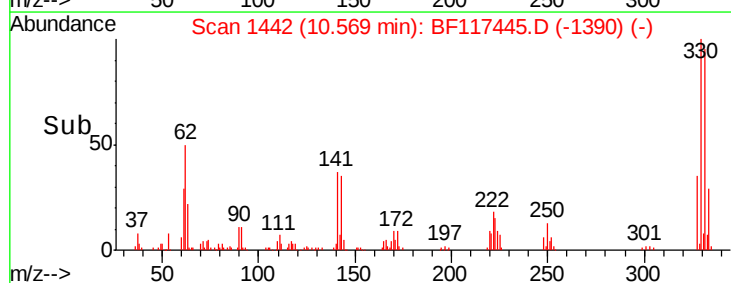
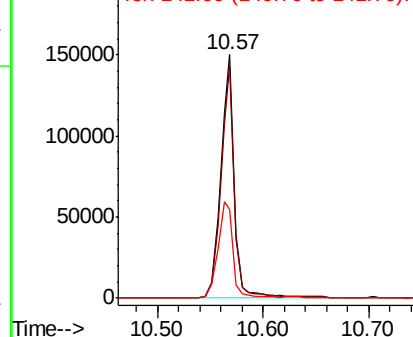
330 100

332 94.5 78.5 117.7

141 43.7 37.0 55.6



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

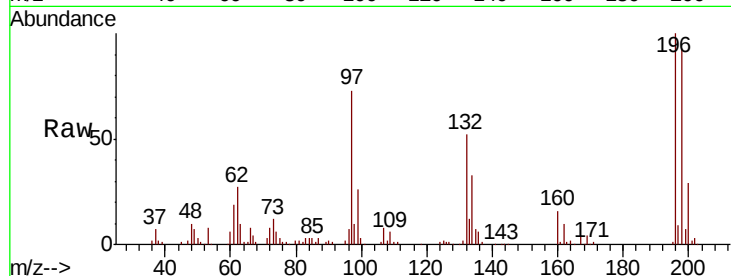




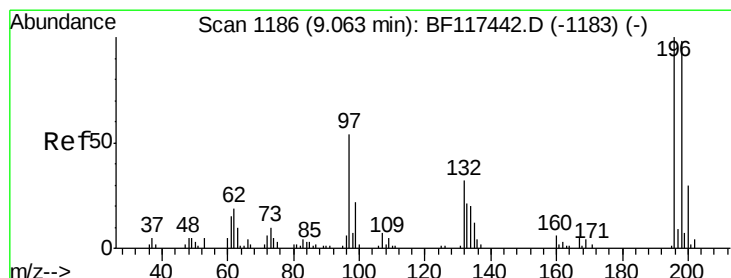
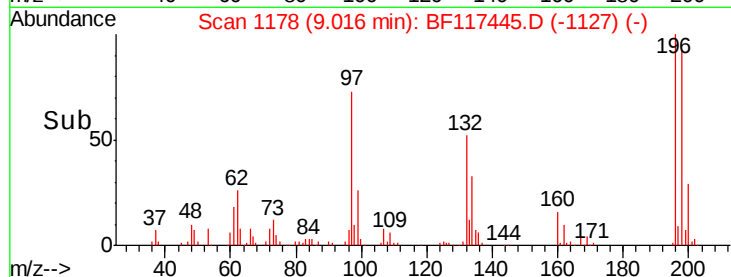
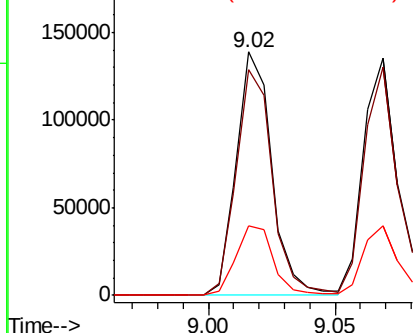
#43
 2,4,6-Trichlorophenol
 Concen: 76.865 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	136137
Ion Ratio	Lower	Upper
196	100	
198	92.8	74.1 111.1
200	28.8	23.9 35.9

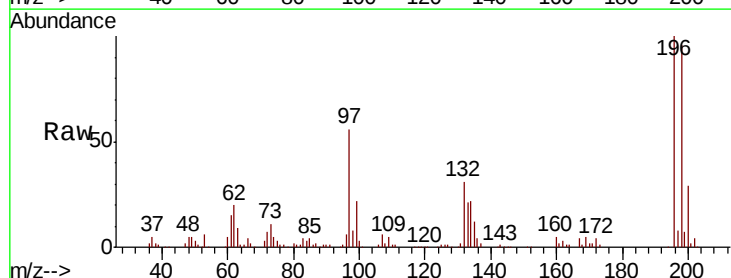


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

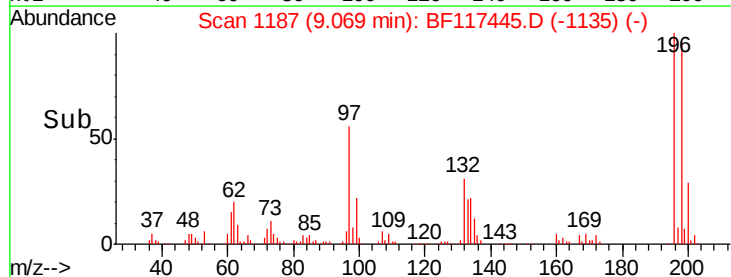
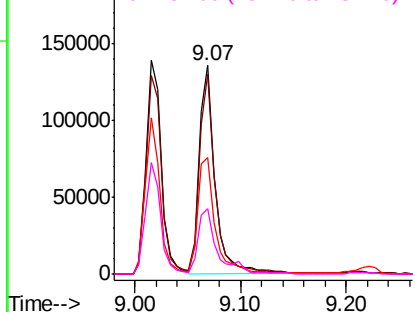


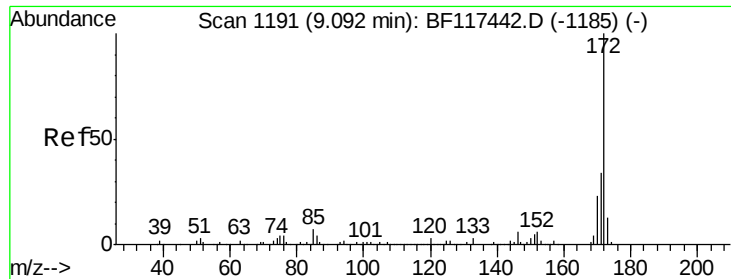
#44
 2,4,5-Trichlorophenol
 Concen: 76.920 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion:196	Resp:	138963
Ion Ratio	Lower	Upper
196	100	
198	96.2	78.6 117.8
97	55.9	43.4 65.2
132	31.2	26.0 39.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

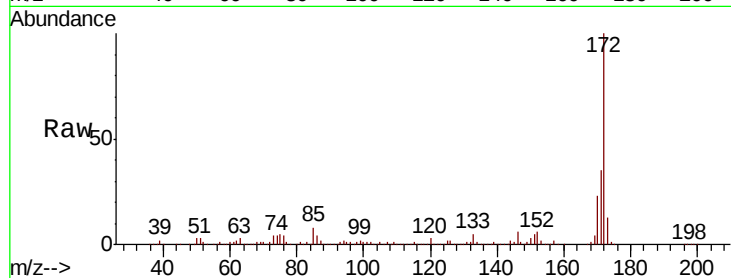




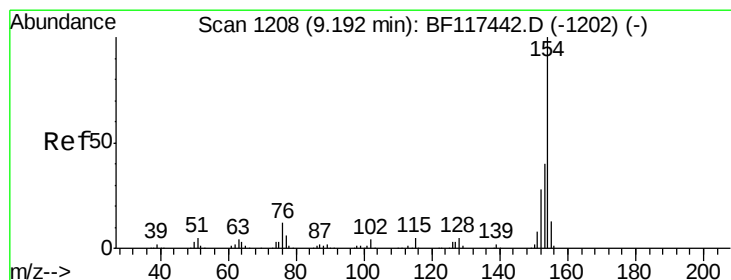
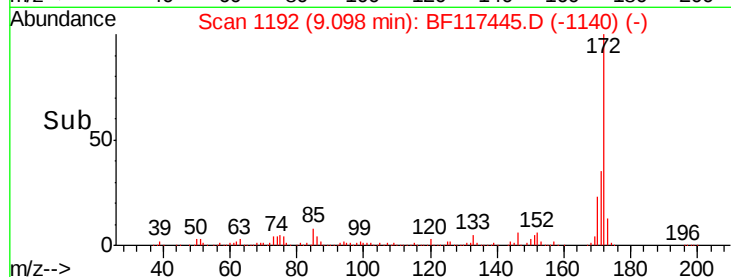
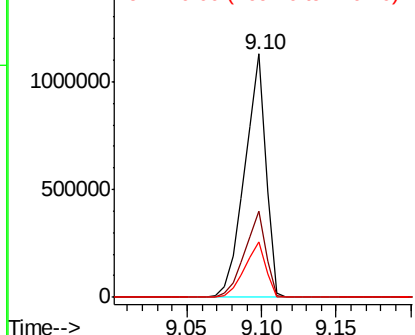
#45
2-Fluorobiphenyl
Concen: 155.884 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1111884
Ion Ratio Lower Upper
172 100
171 35.5 27.5 41.3
170 22.8 18.6 27.8

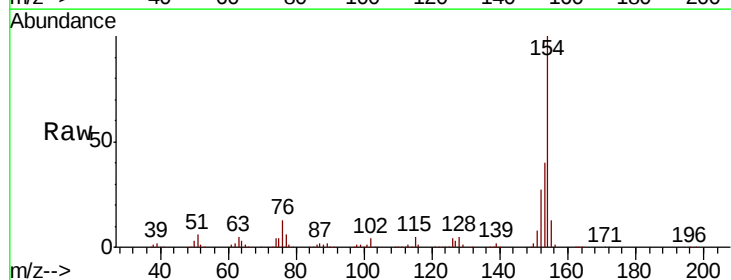


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

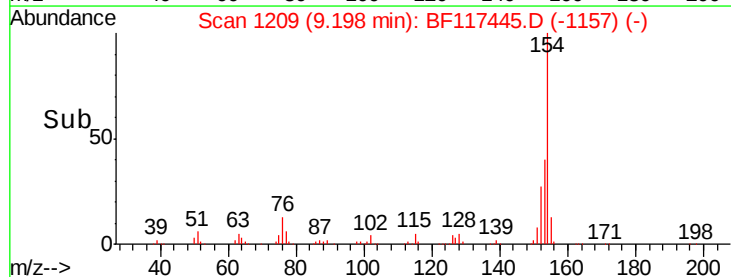
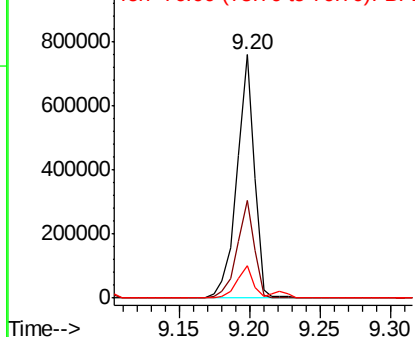


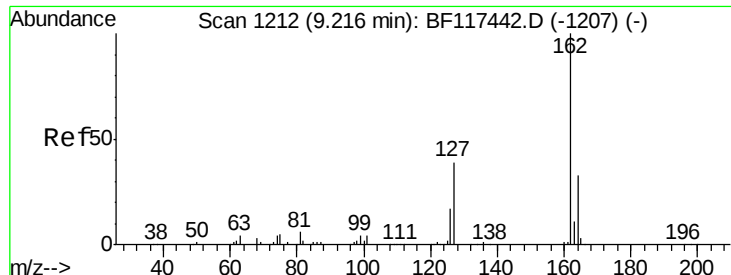
#46
1,1'-Biphenyl
Concen: 76.788 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:154 Resp: 652324
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 13.5 0.0 32.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

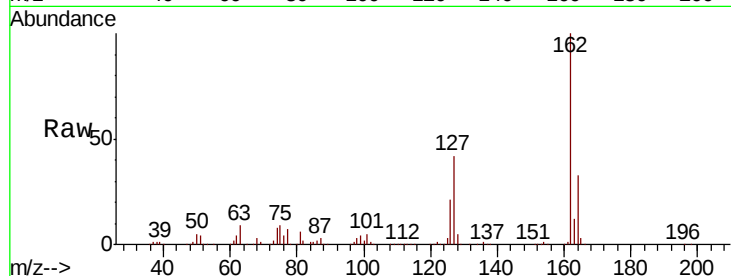




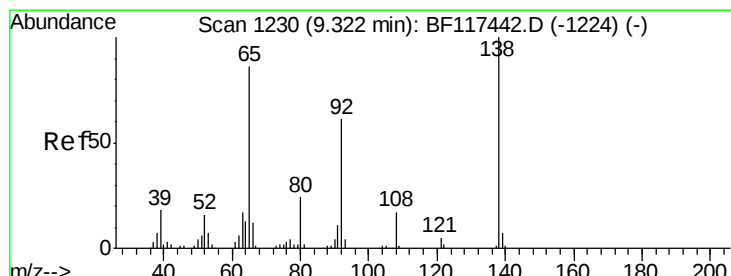
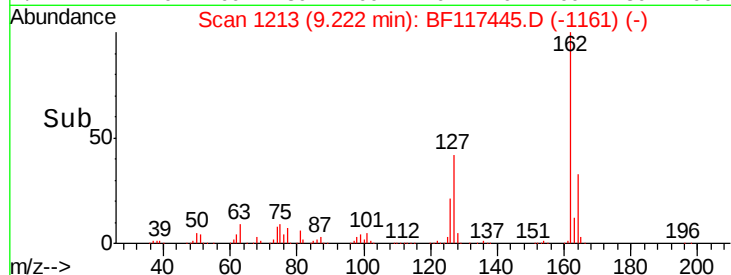
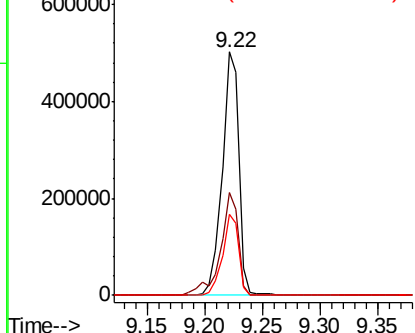
#47
 2-Chloronaphthalene
 Concen: 75.713 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	501392
Ion	Ratio	Lower	Upper
162	100		
127	42.3	34.2	51.4
164	33.4	26.4	39.6

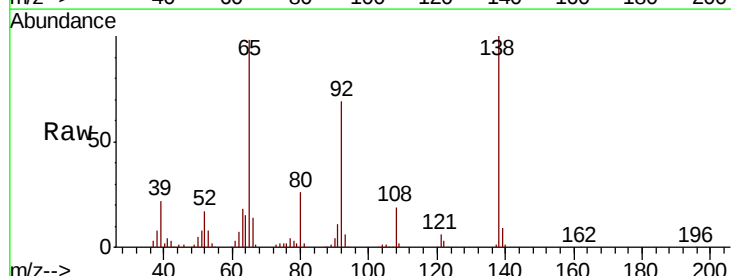


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

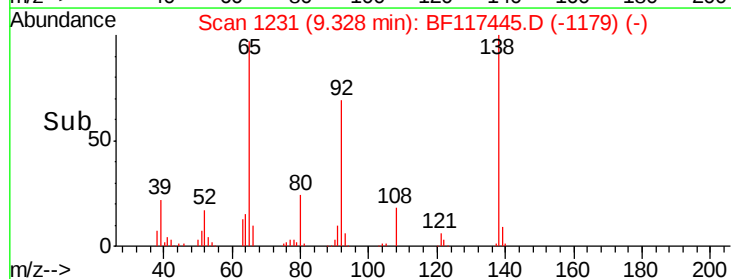
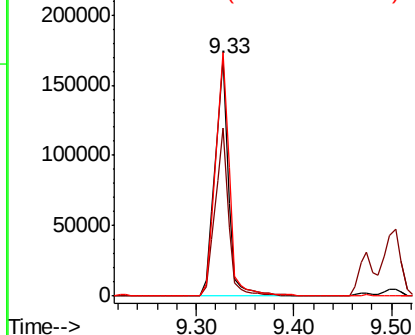


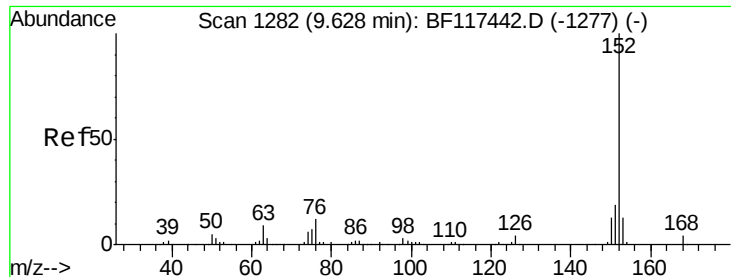
#48
 2-Nitroaniline
 Concen: 77.706 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion:	65	Resp:	164186
Ion	Ratio	Lower	Upper
65	100		
92	70.6	57.3	85.9
138	102.5	93.3	139.9



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 75.402 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

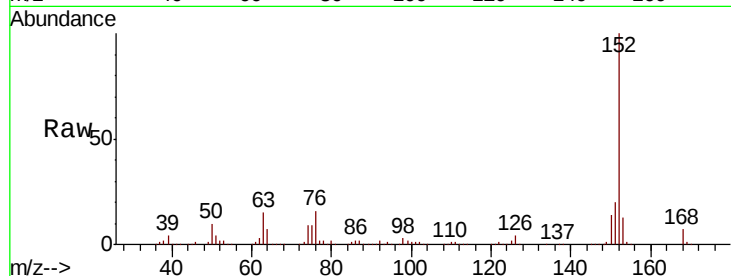
Tot Ion:152 Resp: 732015

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.0

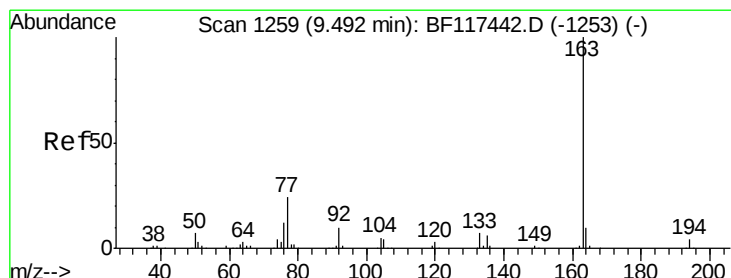
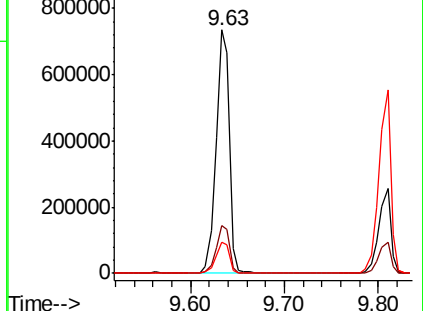
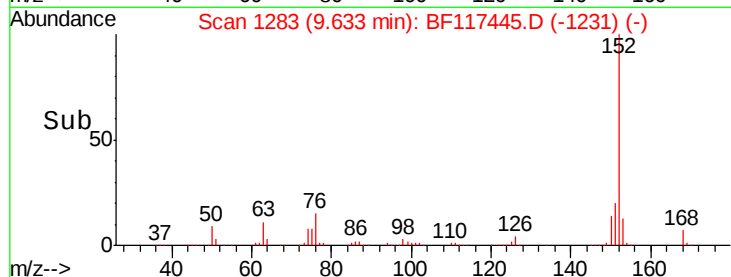
153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 76.211 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

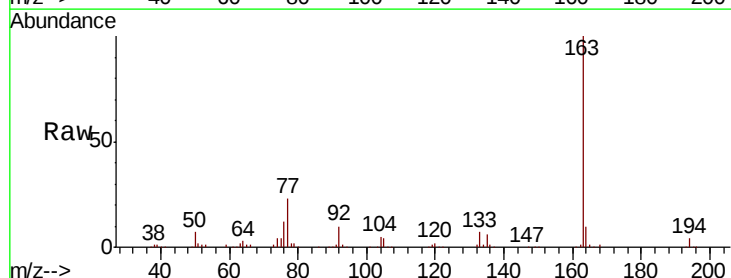
Tgt Ion:163 Resp: 569154

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

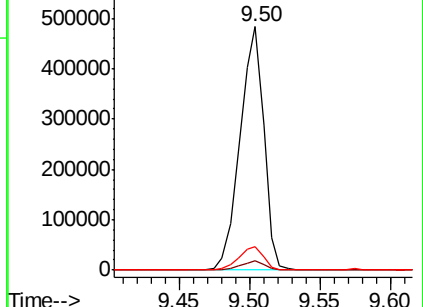
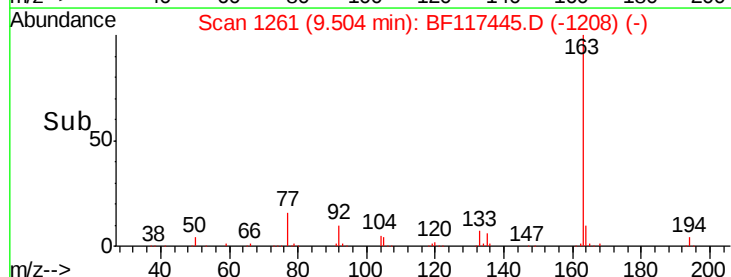
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

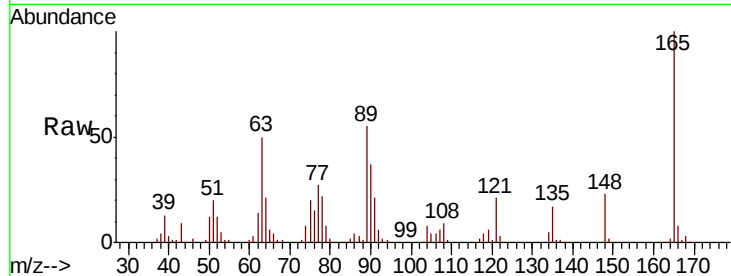




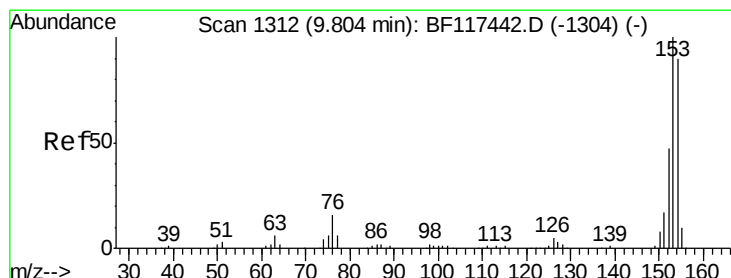
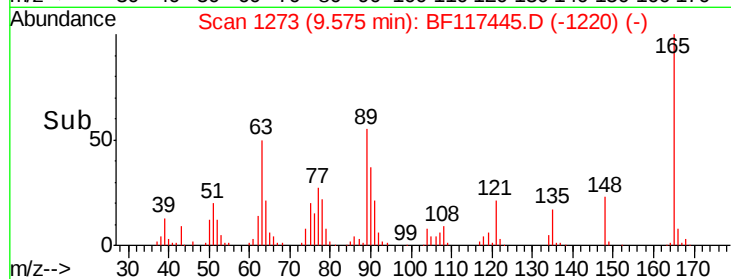
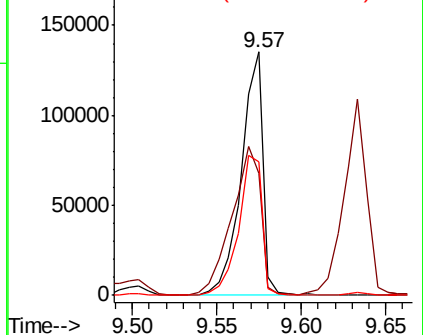
#51
 2,6-Dinitrotoluene
 Concen: 76.891 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.3	43.8	65.8
89	55.1	47.6	71.4

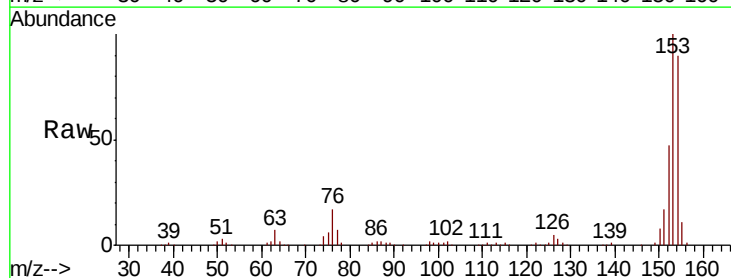


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

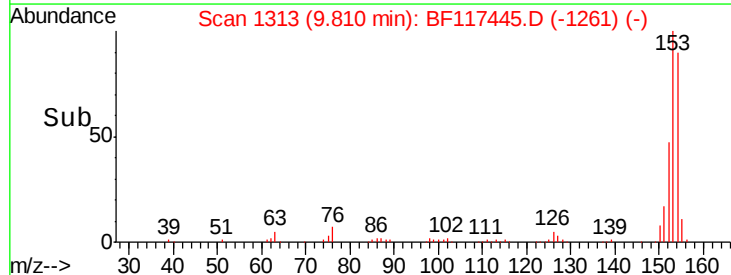
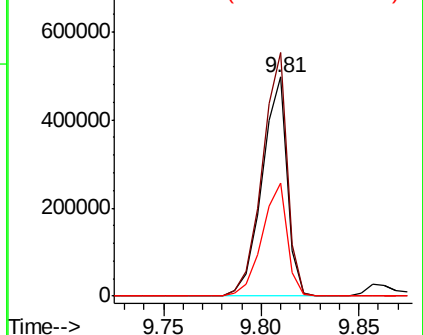


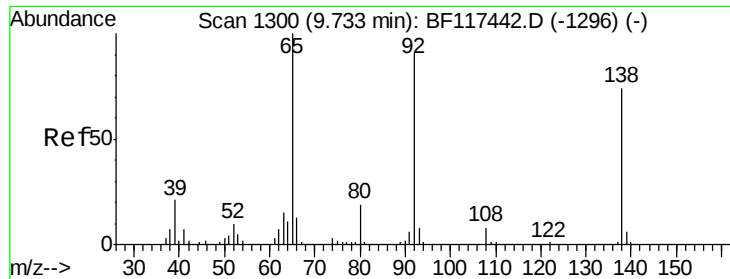
#52
 Acenaphthene
 Concen: 75.201 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.2	133.8
152	51.9	41.8	62.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

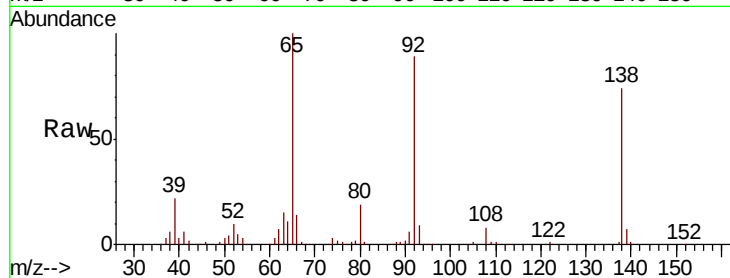




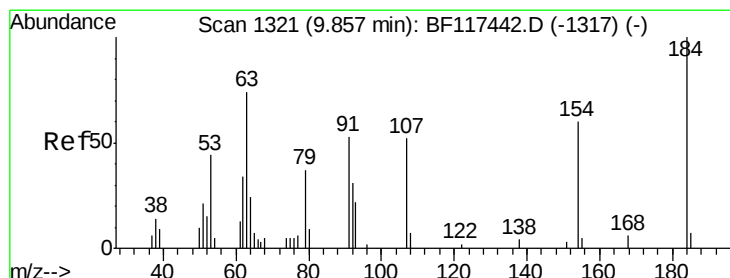
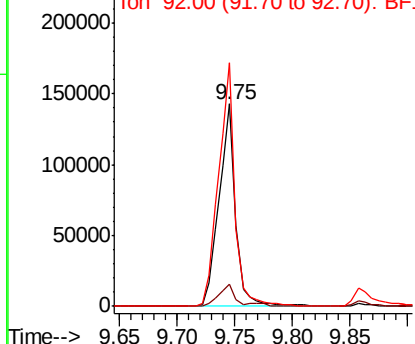
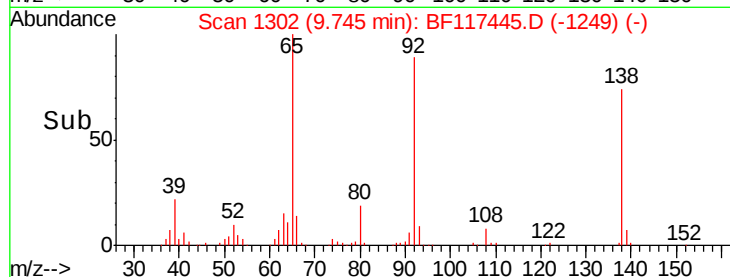
#53
3-Nitroaniline
Concen: 74.645 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 143086
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 120.3 98.4 147.6

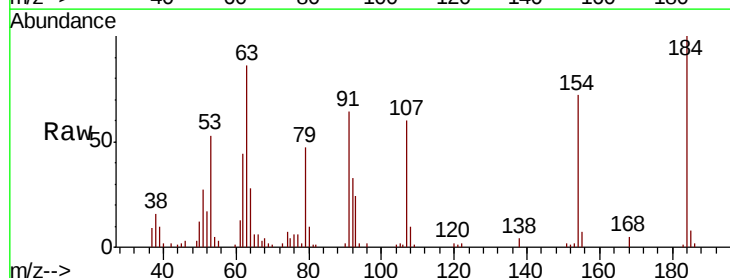


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

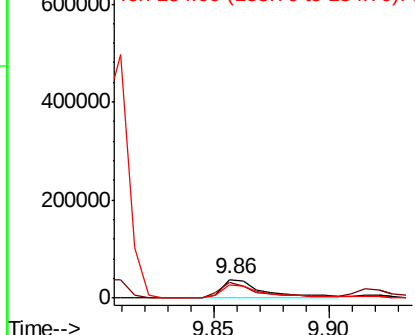
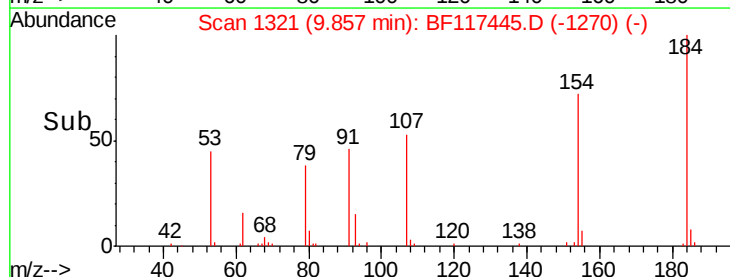


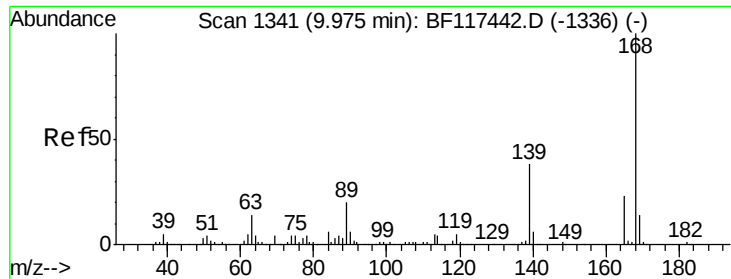
#54
2,4-Dinitrophenol
Concen: 81.649 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:184 Resp: 49106
Ion Ratio Lower Upper
184 100
63 85.6 59.2 88.8
154 72.5 53.4 80.0



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

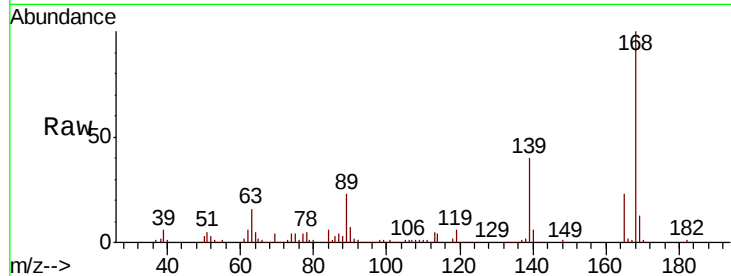




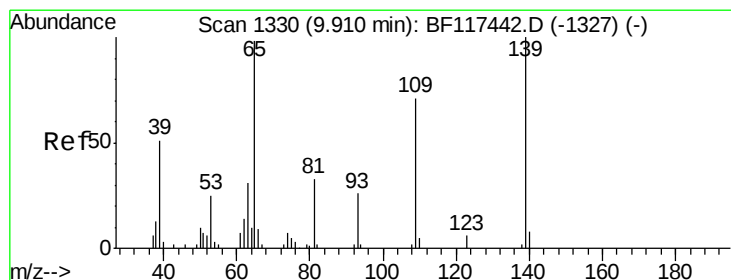
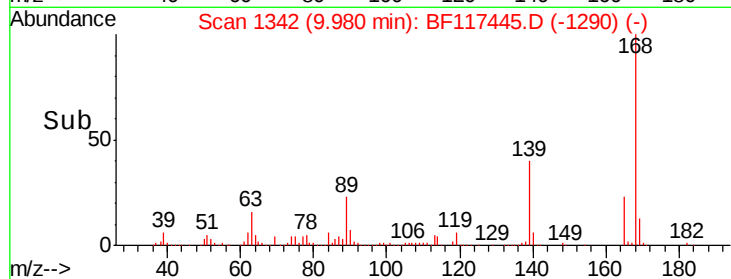
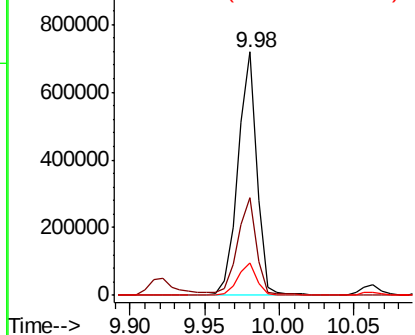
#55
Dibenzofuran
Concen: 74.193 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 638450
Ion Ratio Lower Upper
168 100
139 40.0 31.8 47.6
169 13.2 11.2 16.8

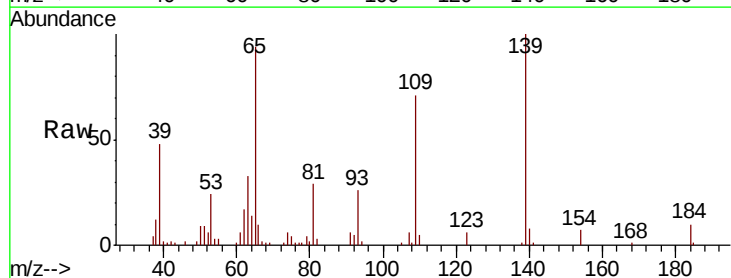


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

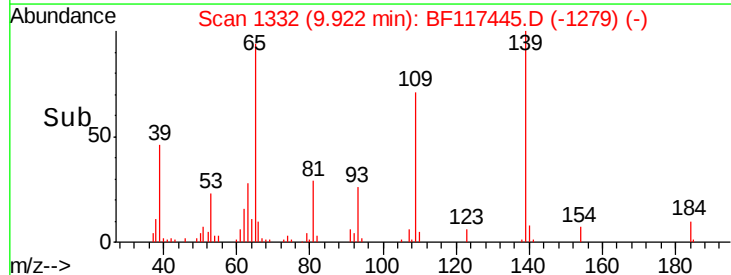
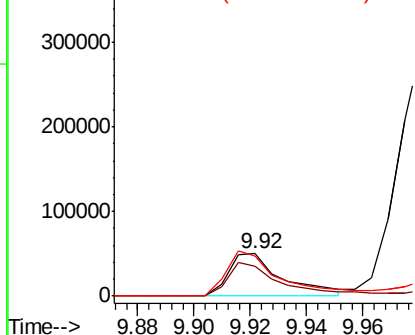


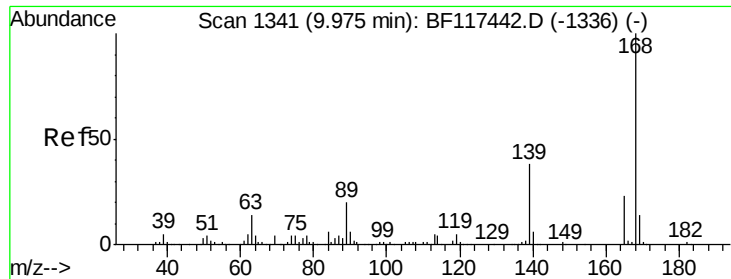
#56
4-Nitrophenol
Concen: 87.209 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:139 Resp: 66528
Ion Ratio Lower Upper
139 100
109 70.6 51.4 91.4
65 93.5 79.4 119.4



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

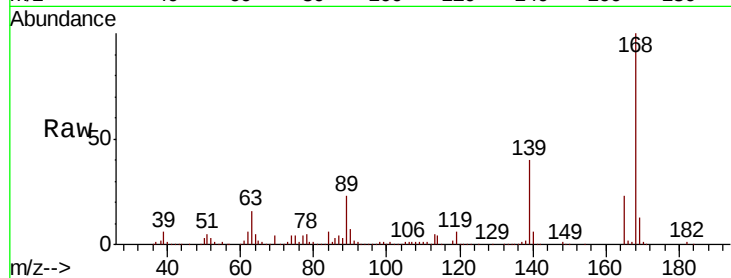




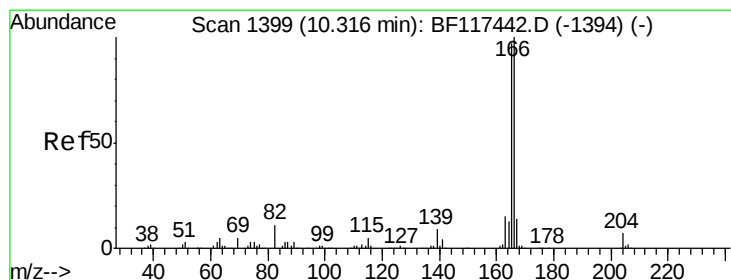
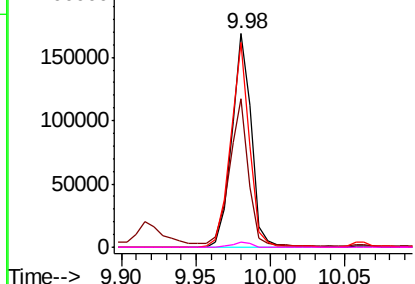
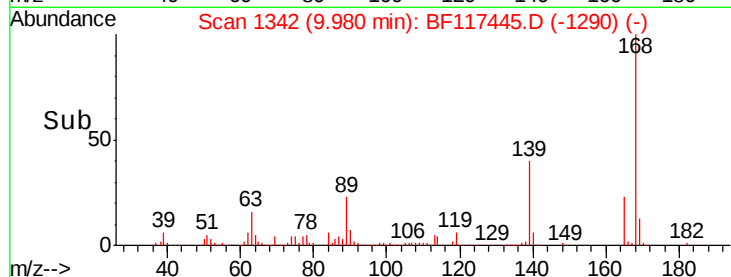
#57
2,4-Dinitrotoluene
Concen: 75.535 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 156451
Ion Ratio Lower Upper
165 100
63 69.5 51.4 77.0
89 96.0 69.9 104.9
182 2.4 1.9 2.9

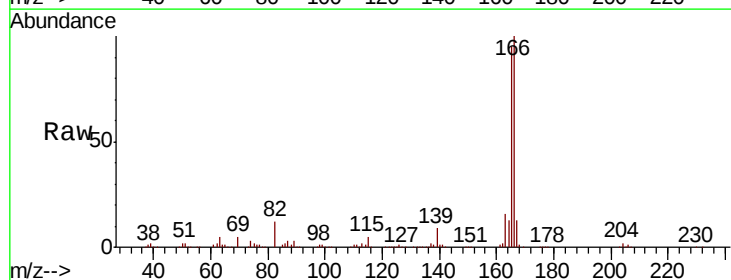


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

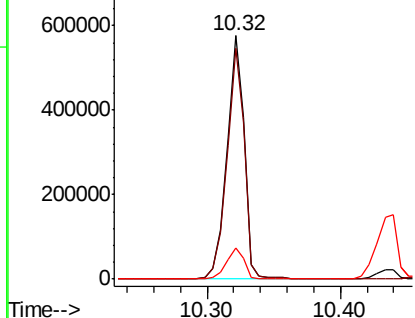
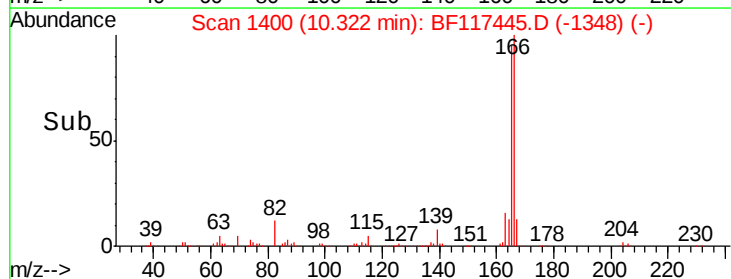


#58
Fluorene
Concen: 73.862 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:166 Resp: 529225
Ion Ratio Lower Upper
166 100
165 94.8 77.6 116.4
167 13.0 11.0 16.4



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

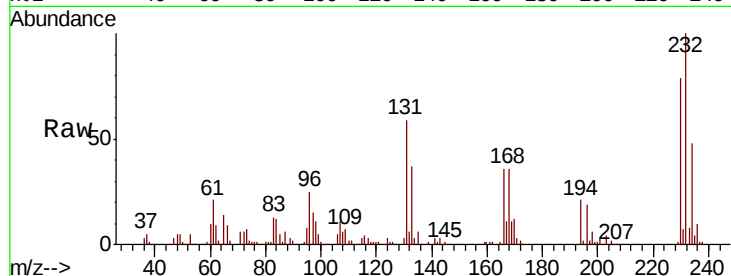




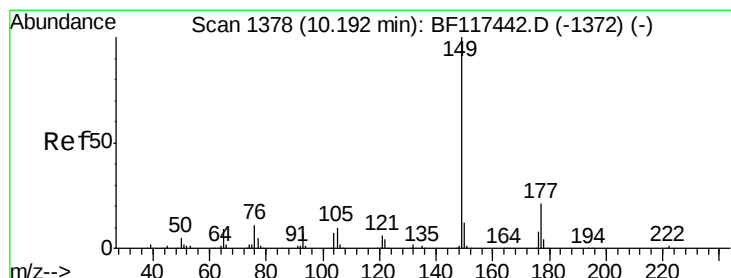
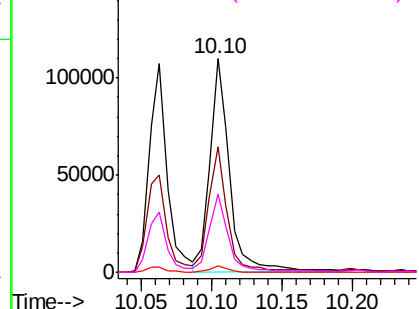
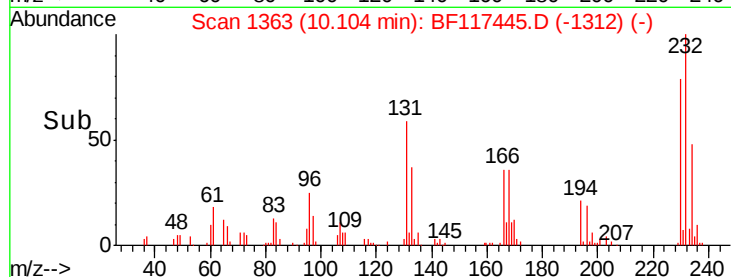
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 74.885 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	55.6	42.6	63.8
130	2.7	2.2	3.4
166	36.0	27.5	41.3

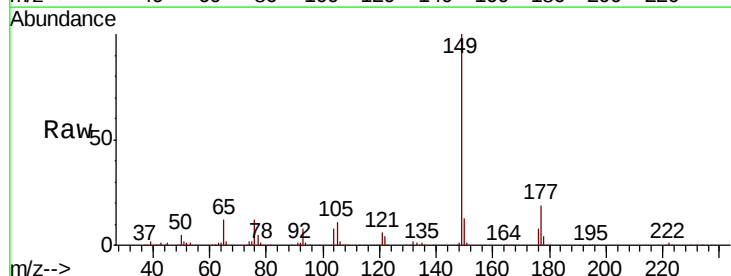


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

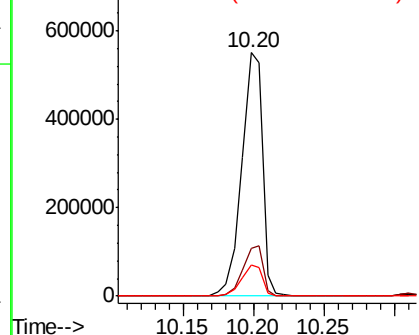
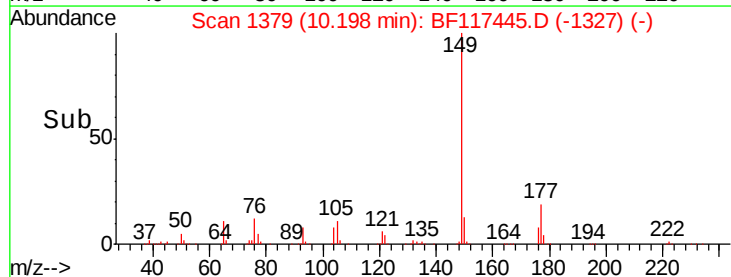


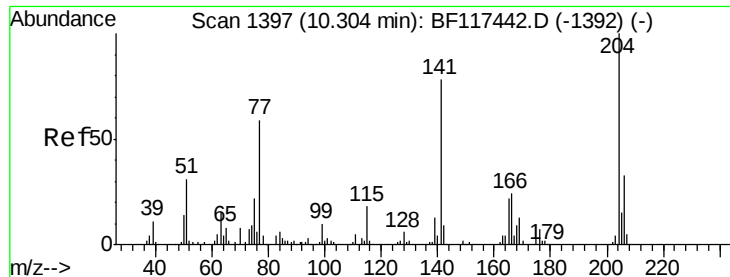
#60
 Diethylphthalate
 Concen: 75.075 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.4	17.0	25.4
150	12.8	9.8	14.6



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

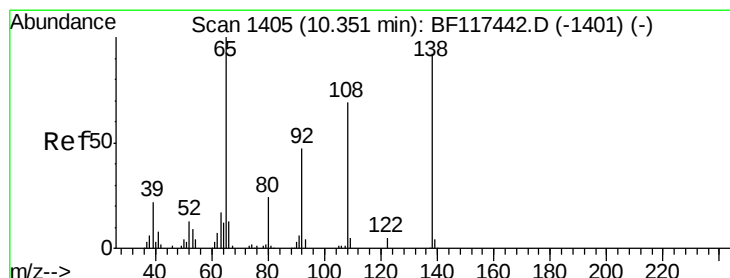
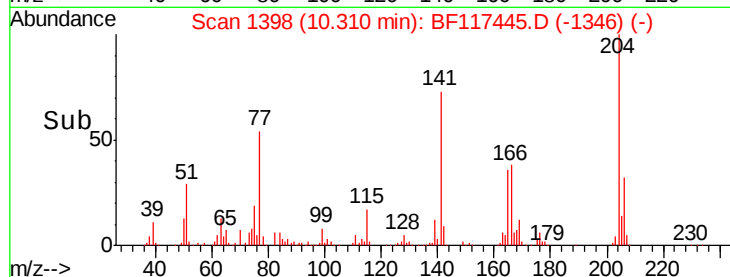
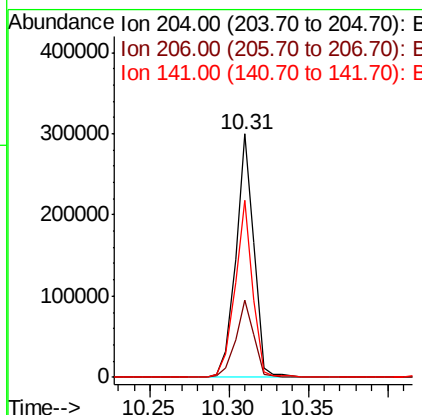
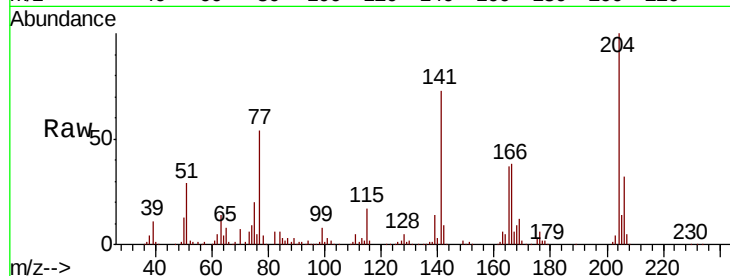




#61
4-Chlorophenyl-phenylether
Concen: 74.610 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

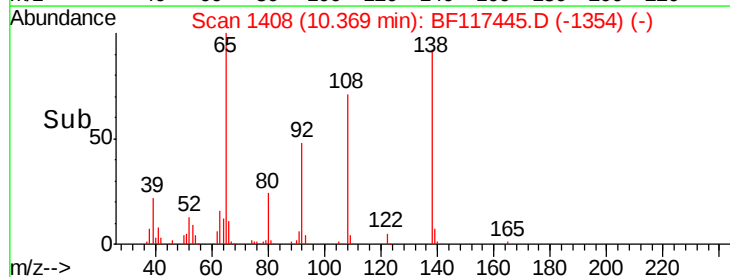
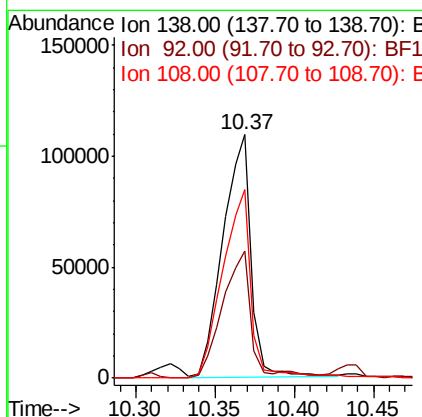
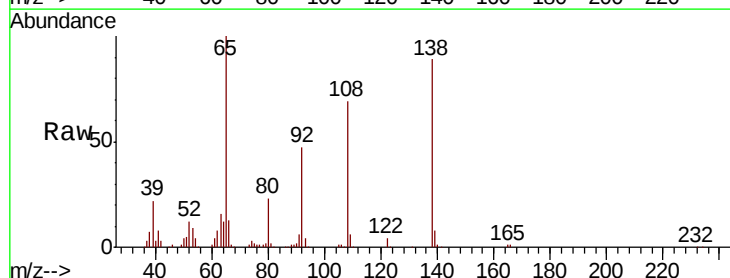
Instrument :
BNA_F
ClientSampleId :

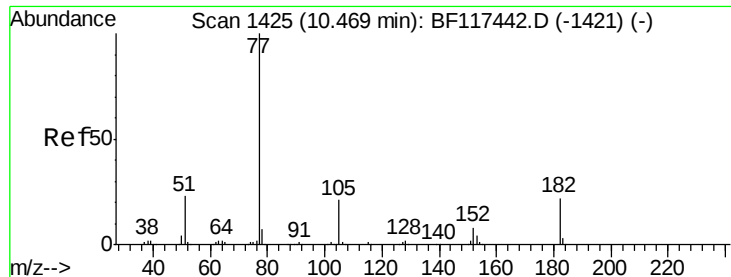
Tot Ion:204 Resp: 236682
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 72.6 62.2 93.4



#62
4-Nitroaniline
Concen: 74.428 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.02 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:138 Resp: 135618
Ion Ratio Lower Upper
138 100
92 52.2 30.3 70.3
108 77.7 54.9 94.9

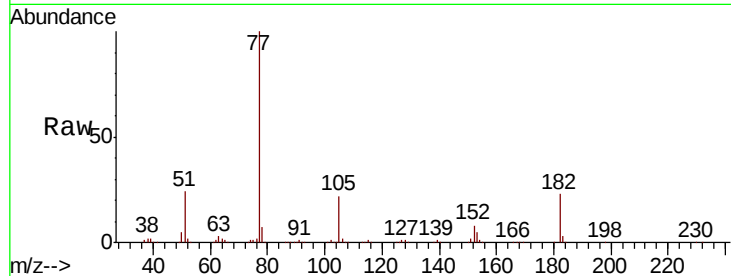




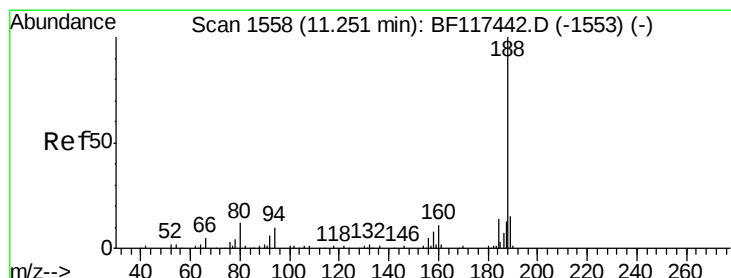
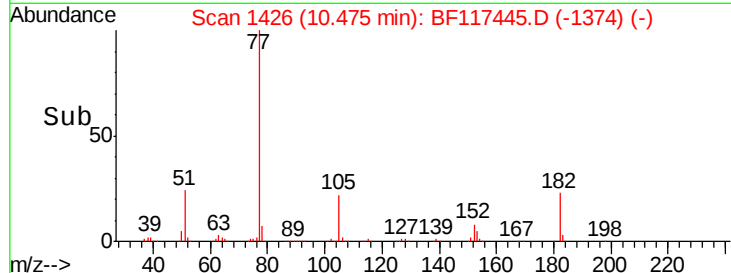
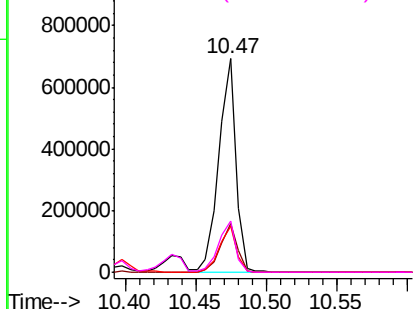
#63
Azobenzene
Concen: 75.607 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	583997
Ion	Ratio	Lower	Upper
77	100		
182	22.6	2.3	42.3
105	21.8	1.3	41.3
51	24.0	3.5	43.5

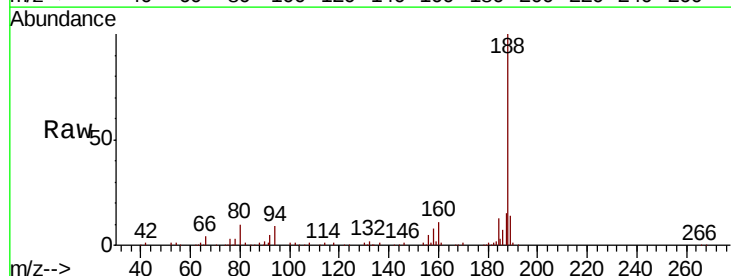


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

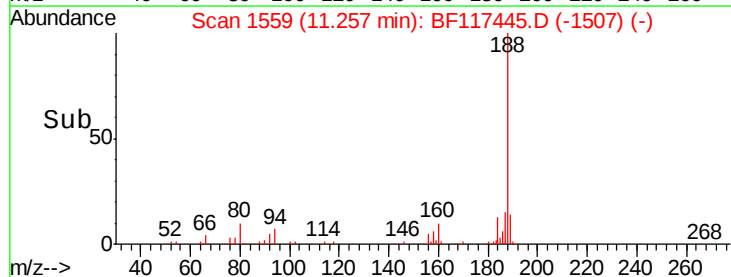
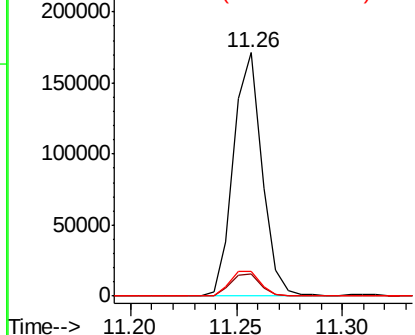


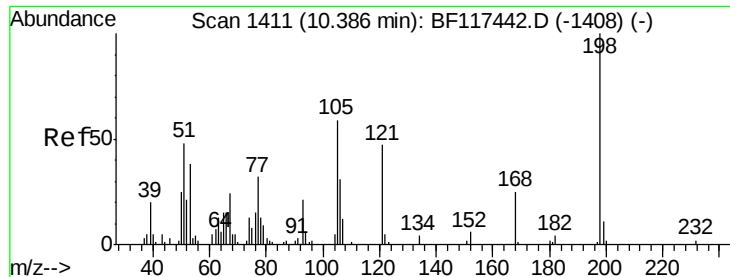
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:	188	Resp:	160037
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	10.1	9.5	14.3



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

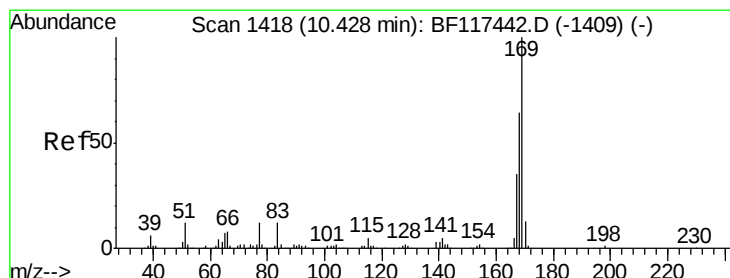
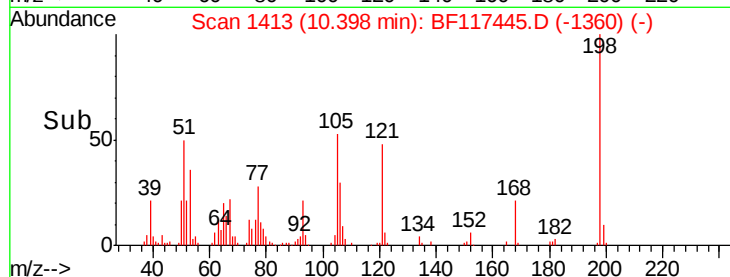
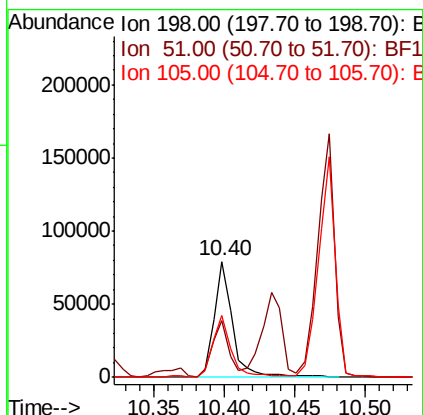
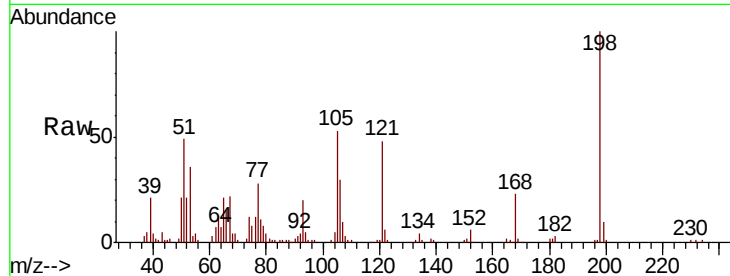




#65
 4,6-Dinitro-2-methylphenol
 Concen: 89.171 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

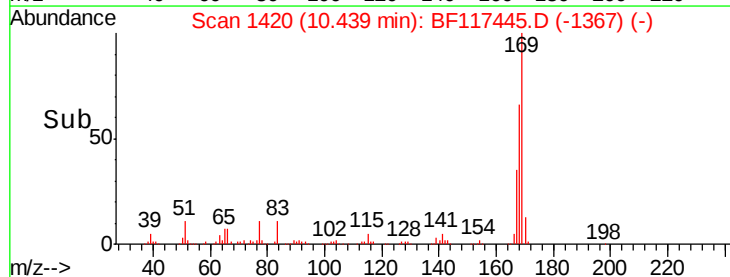
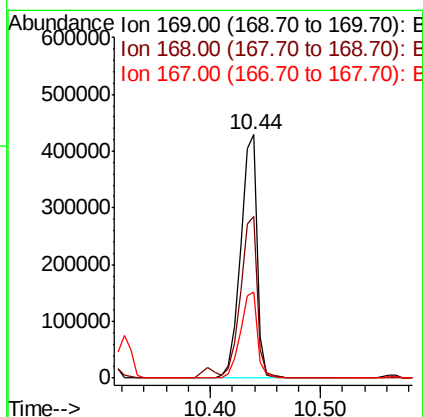
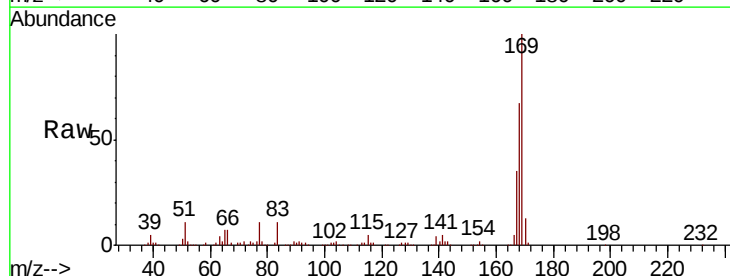
Instrument :
 BNA_F
 ClientSampled :

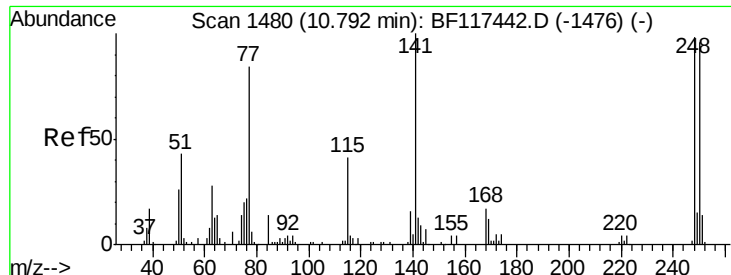
Tot Ion:198 Resp: 71686
 Ion Ratio Lower Upper
 198 100
 51 49.2 29.1 69.1
 105 53.0 39.4 79.4



#66
 n-Nitrosodiphenylamine
 Concen: 75.660 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion:169 Resp: 452337
 Ion Ratio Lower Upper
 169 100
 168 66.5 51.3 76.9
 167 35.3 28.2 42.4





#67

4-Bromophenyl-phenylether

Concen: 76.639 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

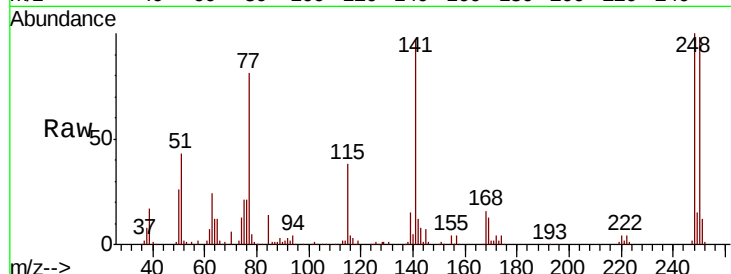
Tot Ion:248 Resp: 134527

Ion Ratio Lower Upper

248 100

250 98.3 78.0 117.0

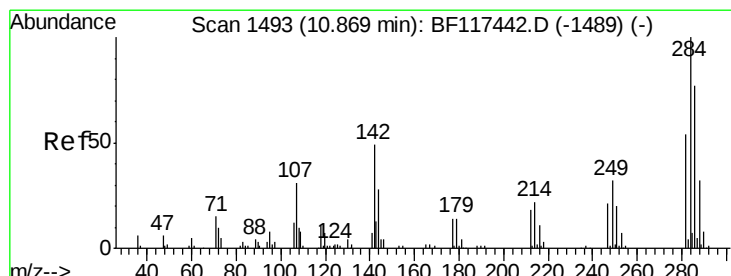
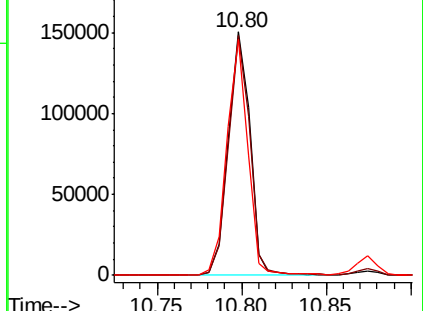
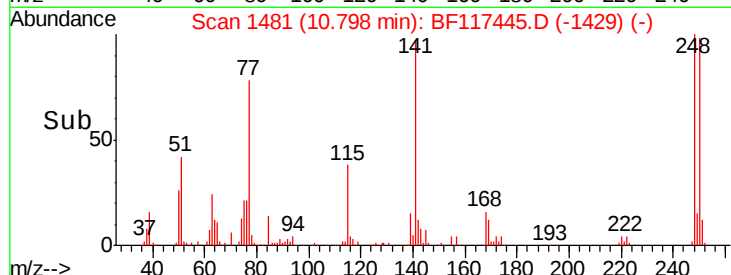
141 96.8 81.7 122.5



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 76.473 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

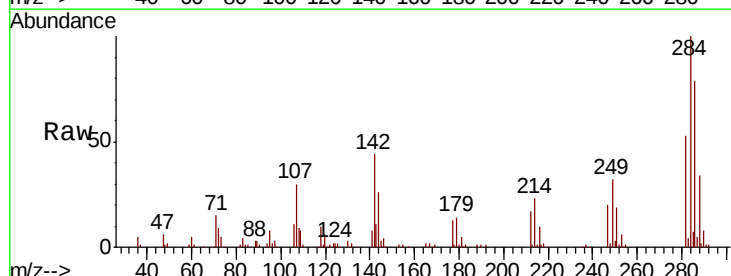
Tgt Ion:284 Resp: 144161

Ion Ratio Lower Upper

284 100

142 44.1 39.0 58.6

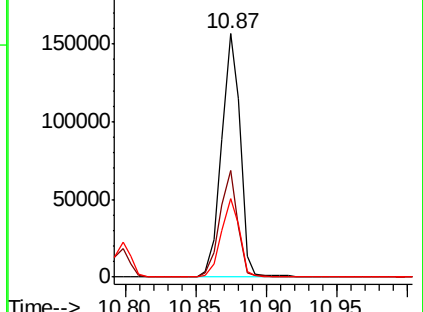
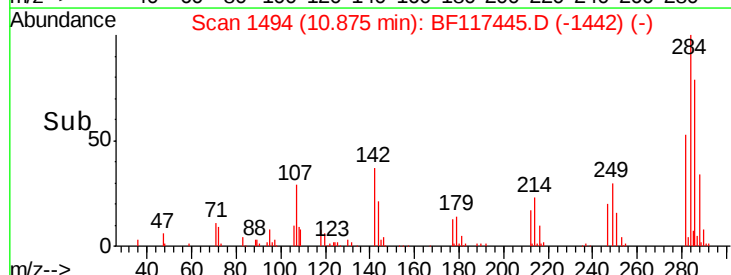
249 32.2 25.7 38.5

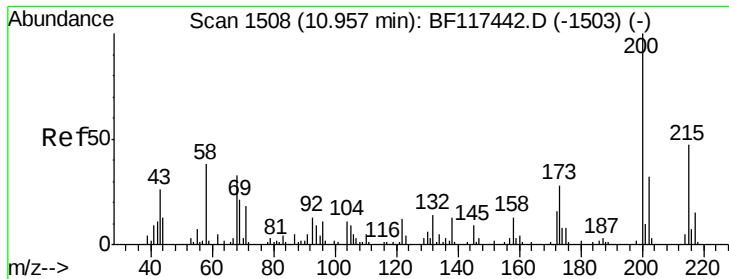


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

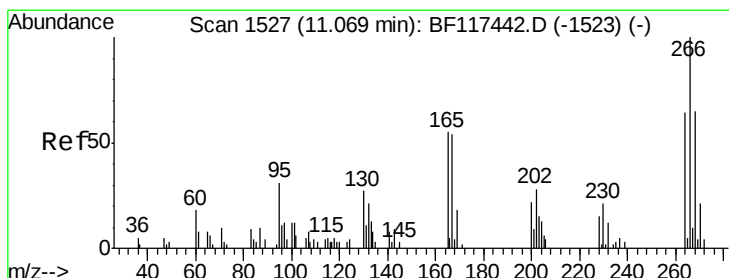
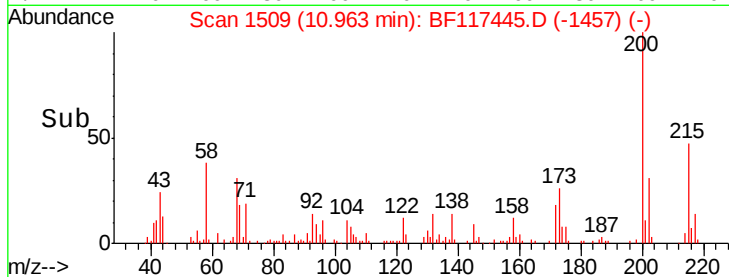
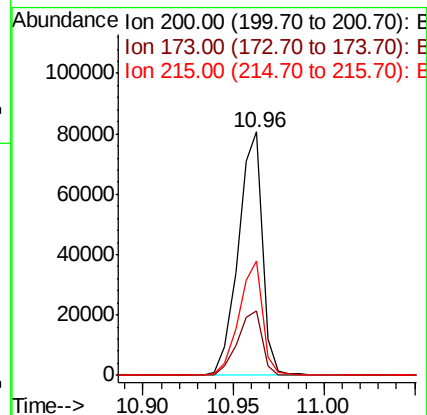
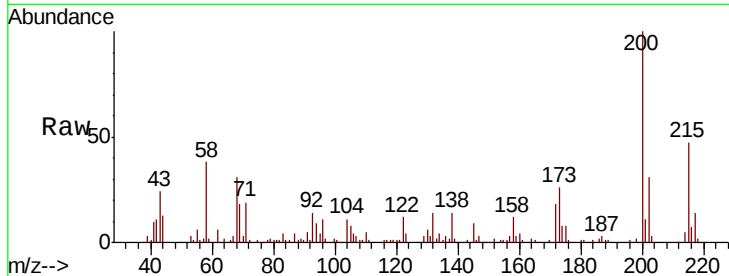




#69
Atrazine
Concen: 76.730 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

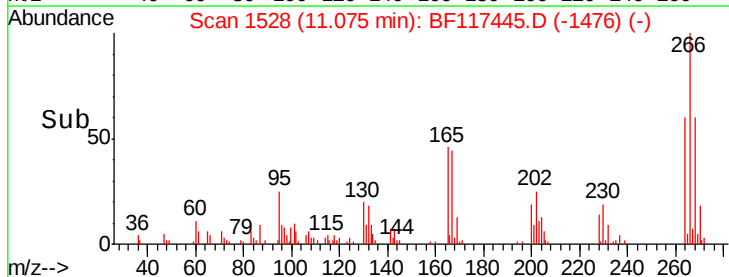
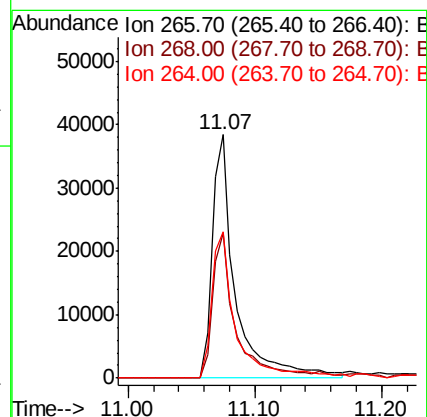
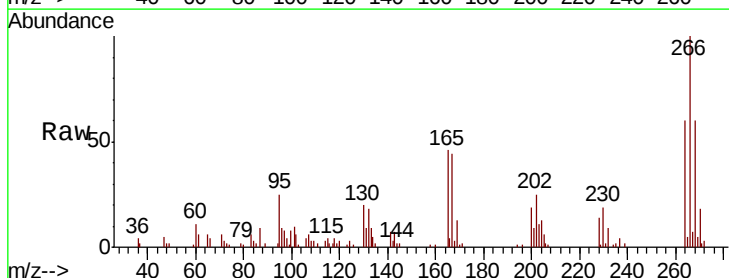
Instrument :
BNA_F
ClientSampled :

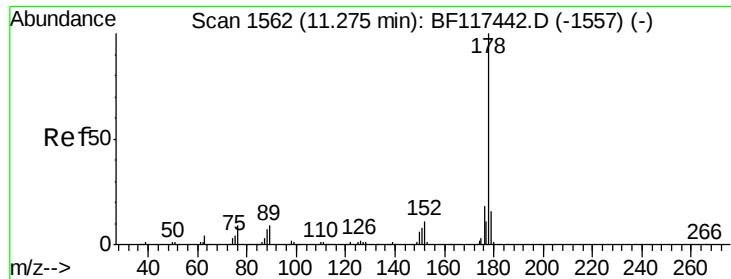
Tot Ion:200 Resp: 74385
Ion Ratio Lower Upper
200 100
173 26.2 8.2 48.2
215 46.7 26.8 66.8



#70
Pentachlorophenol
Concen: 86.950 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:266 Resp: 49037
Ion Ratio Lower Upper
266 100
268 59.8 51.6 77.4
264 60.1 51.4 77.2

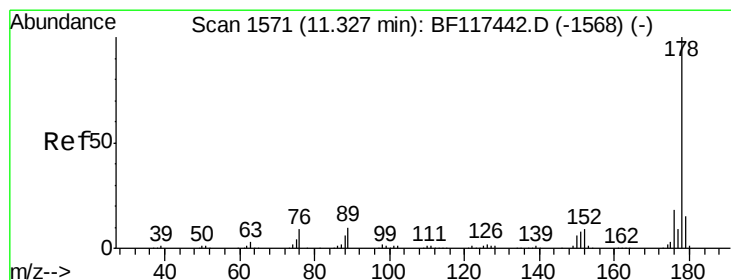
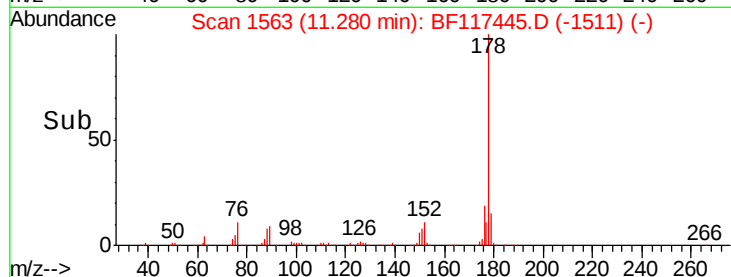
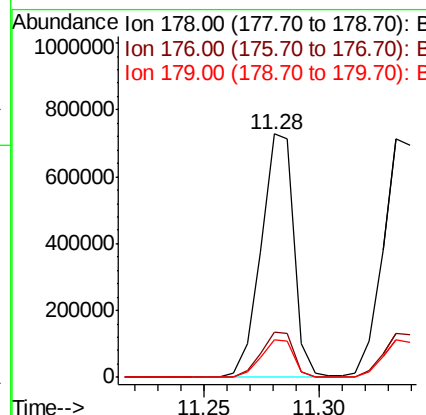
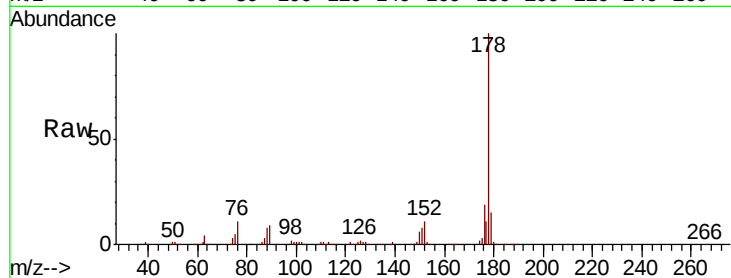




#71
Phenanthrene
Concen: 76.453 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

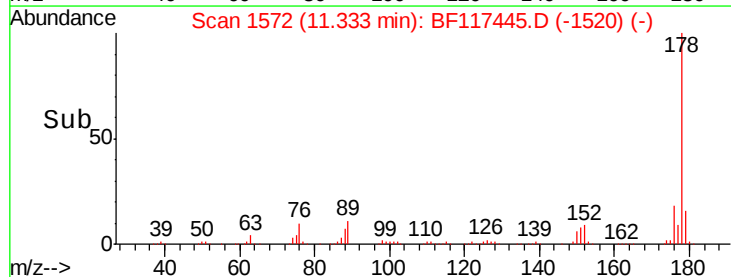
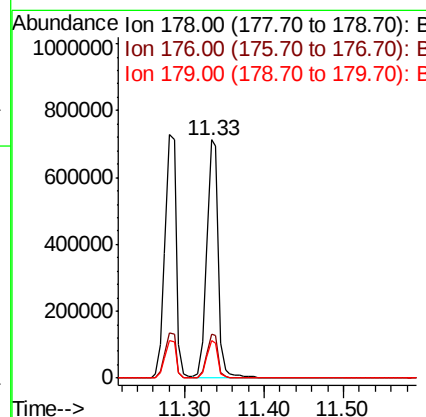
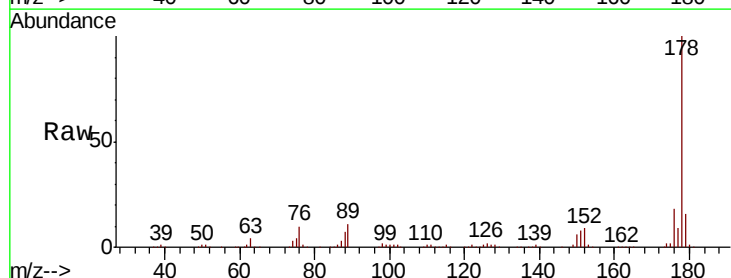
Instrument :
BNA_F
ClientSampleId :

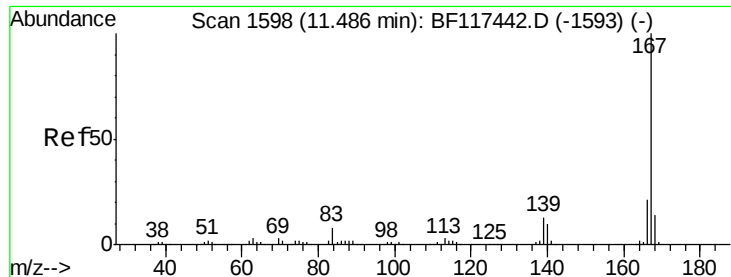
Tot Ion:178 Resp: 723279
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 15.5 12.6 19.0



#72
Anthracene
Concen: 75.832 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:178 Resp: 740592
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.7 12.2 18.2





#73

Carbazole

Concen: 74.786 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

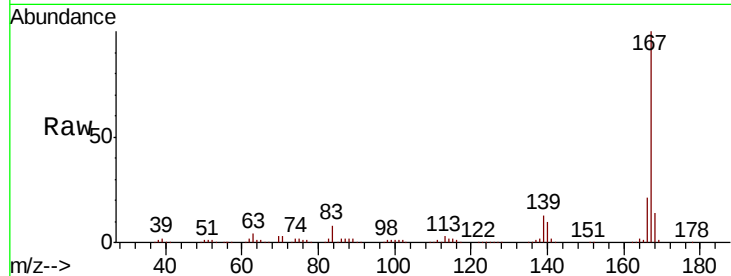
Tot Ion:167 Resp: 663448

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

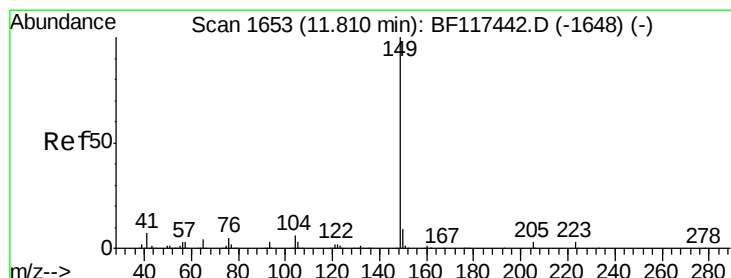
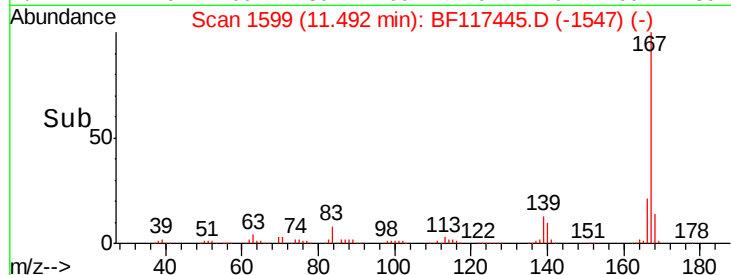
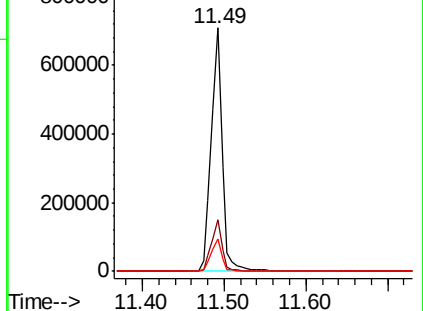
139 13.4 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 73.601 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

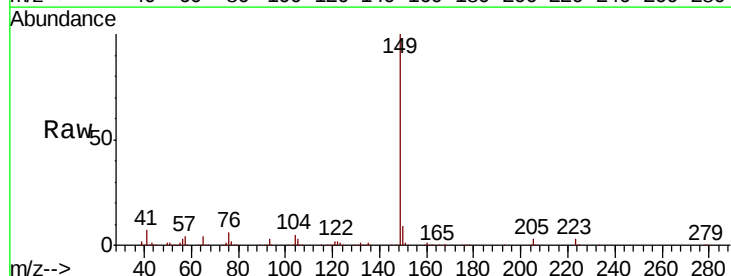
Tgt Ion:149 Resp: 884134

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

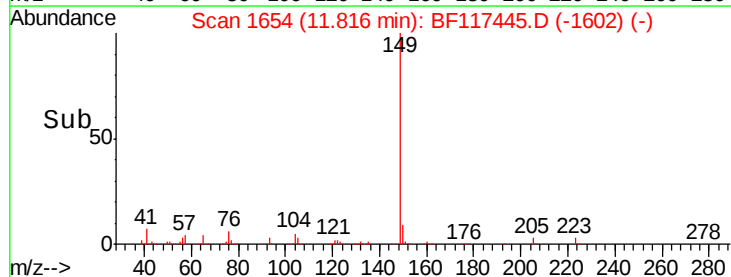
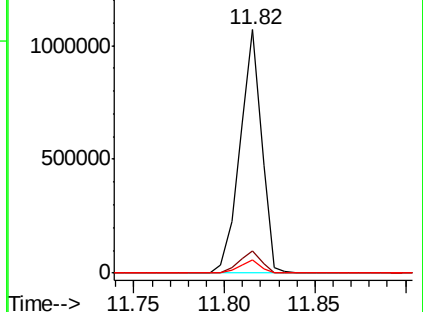
104 5.4 4.6 6.8

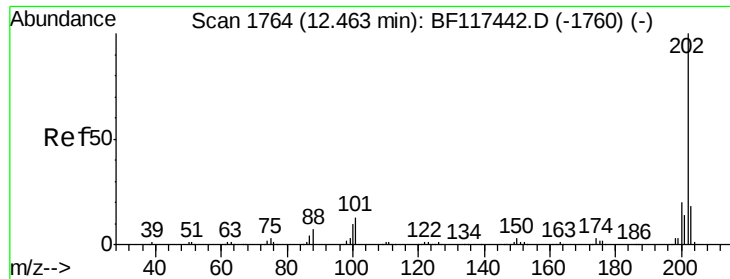


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

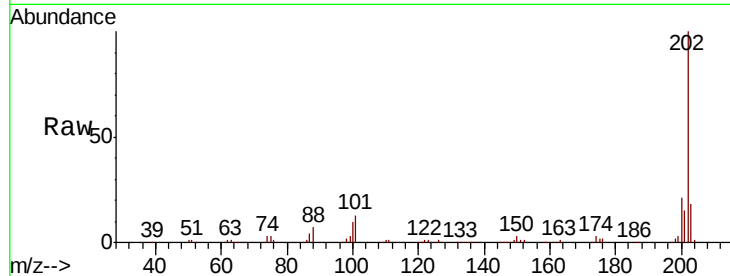




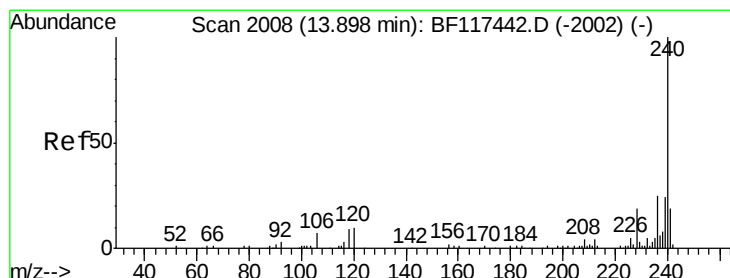
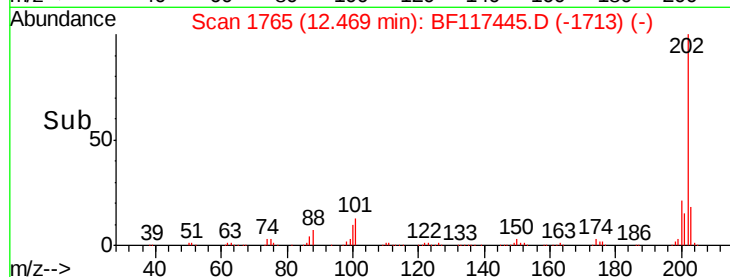
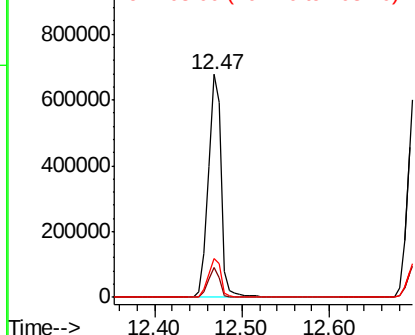
#75
 Fluoranthene
 Concen: 73.997 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.7
203	17.5	0.0	37.6

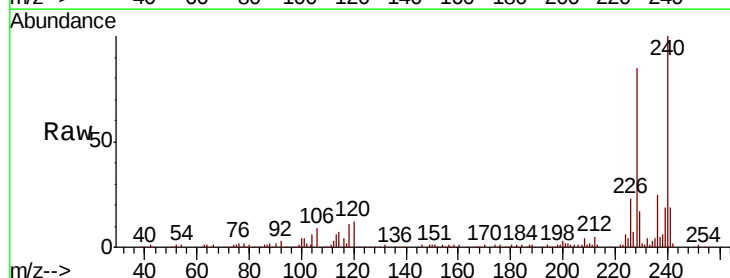


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

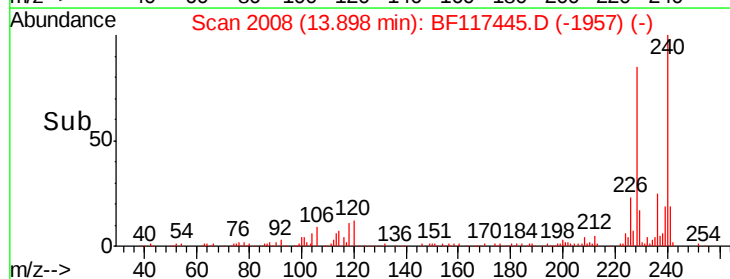
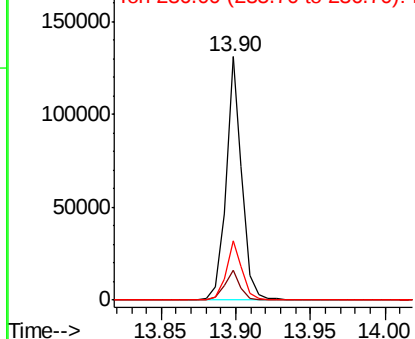


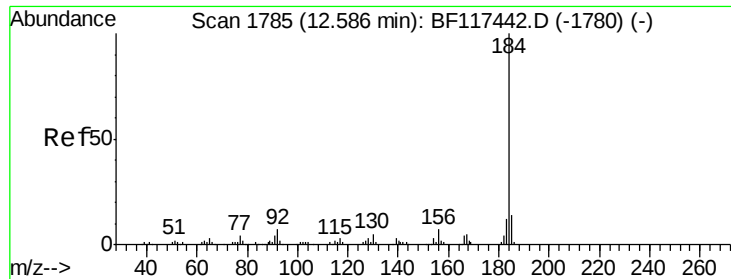
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.4	12.6
236	24.5	20.0	30.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

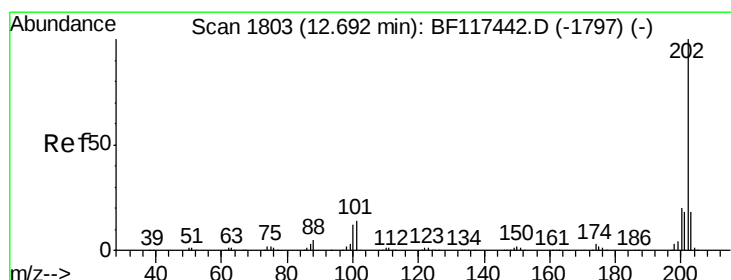
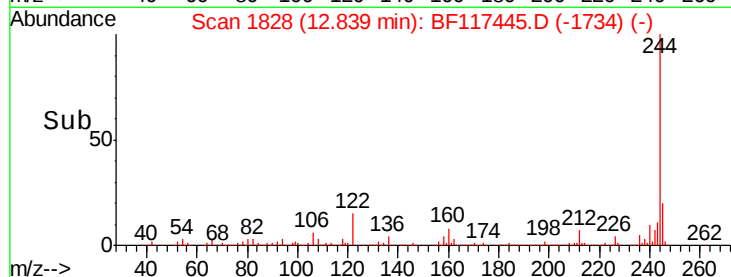
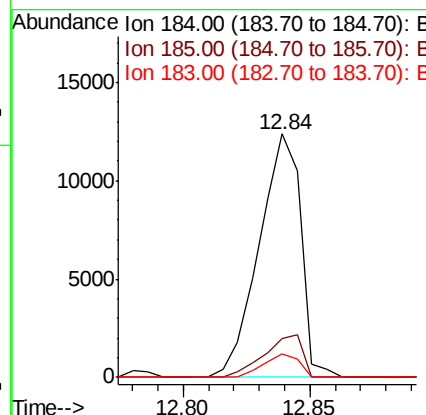
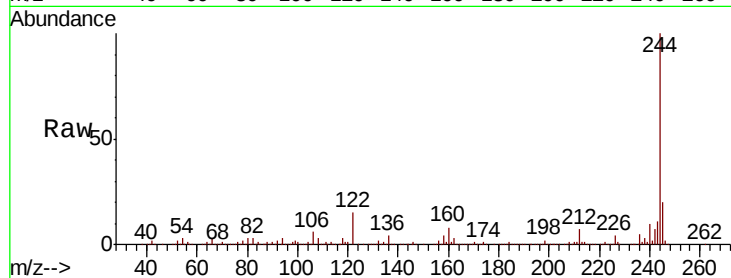




#77
Benzidine
Concen: 5.901 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.25 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

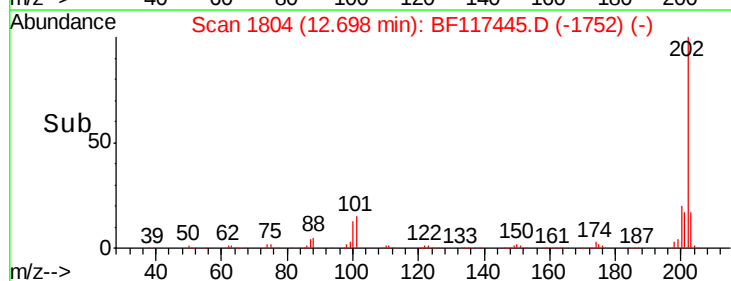
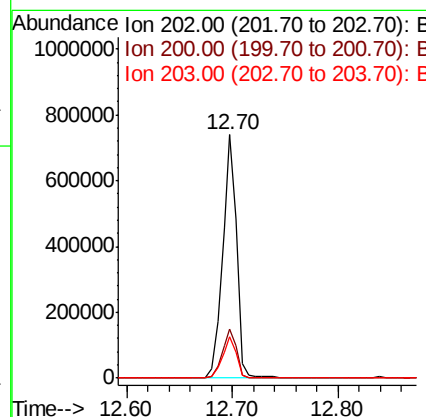
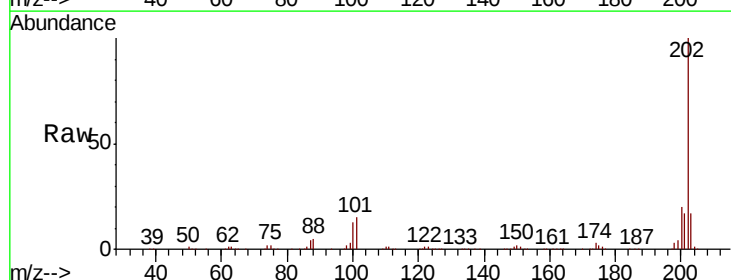
Instrument :
BNA_F
ClientSampleId :

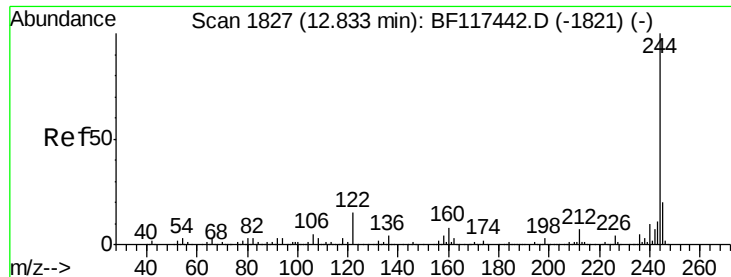
Tot Ion:184 Resp: 14266
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.0
183 9.6 9.6 14.4



#78
Pyrene
Concen: 80.428 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:202 Resp: 694971
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.1 14.0 21.0

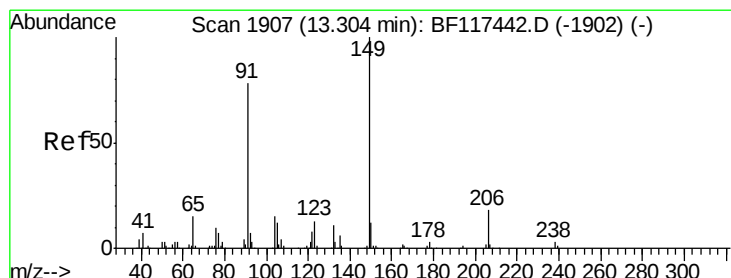
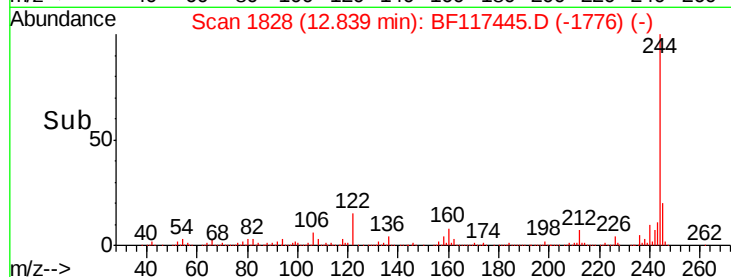
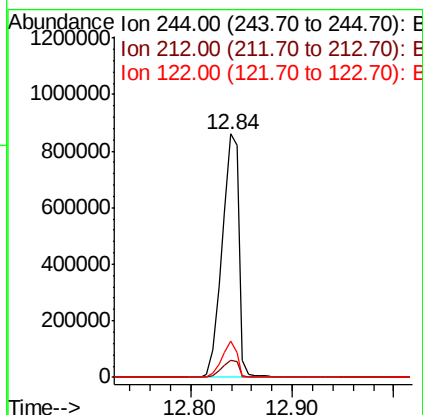
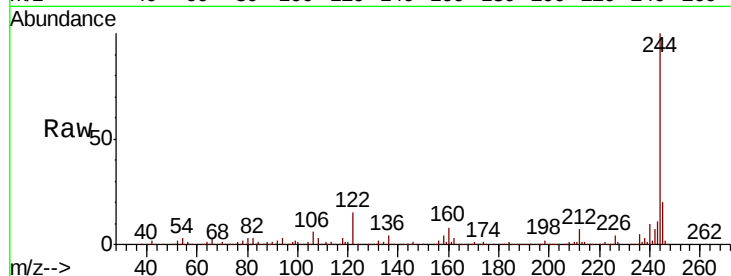




#79
 Terphenyl-d14
 Concen: 164.971 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

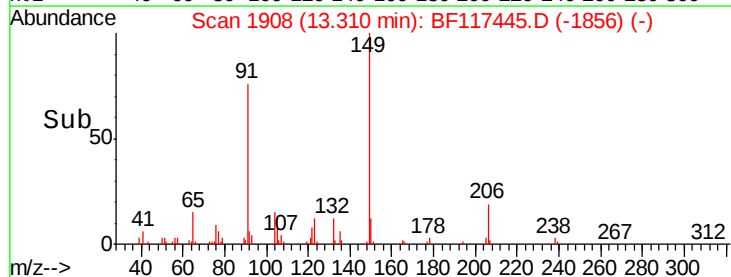
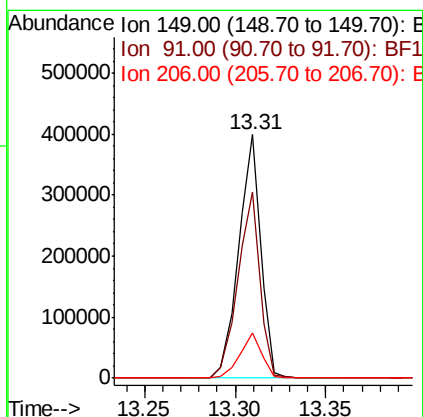
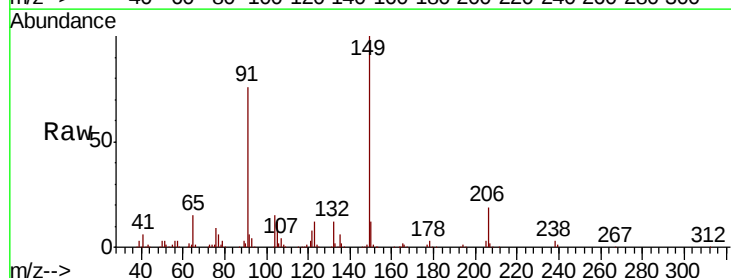
Instrument :
 BNA_F
 ClientSampled :

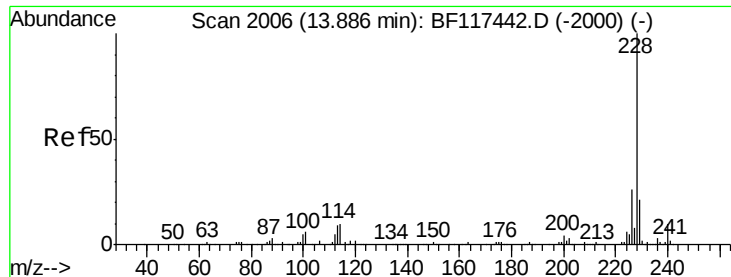
Tot Ion:244 Resp: 989262
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 15.1 11.8 17.8



#80
 Butylbenzylphthalate
 Concen: 77.910 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion:149 Resp: 338523
 Ion Ratio Lower Upper
 149 100
 91 76.4 62.1 93.1
 206 18.7 14.3 21.5

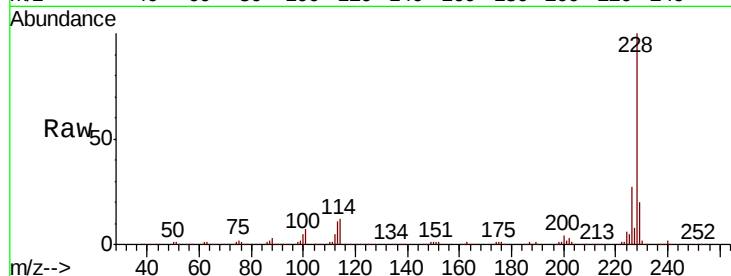




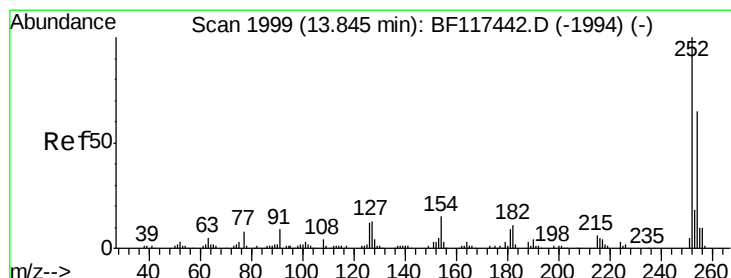
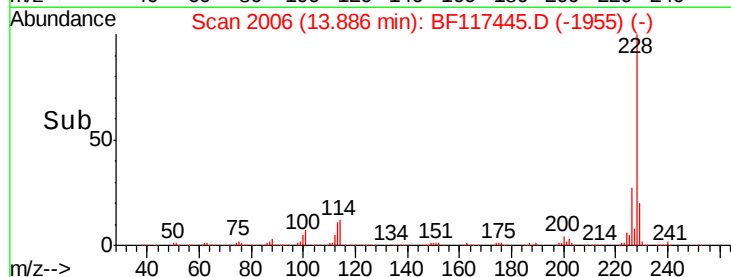
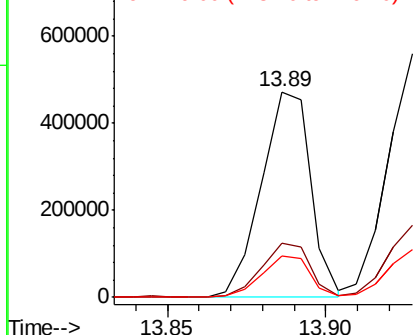
#81
Benzo(a)anthracene
Concen: 76.383 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 512324
Ion Ratio Lower Upper
228 100
226 26.6 21.0 31.4
229 19.9 16.4 24.6

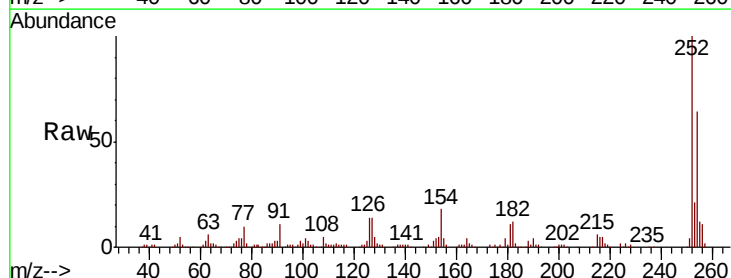


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

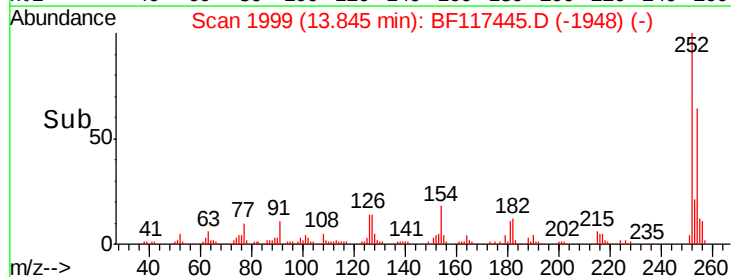
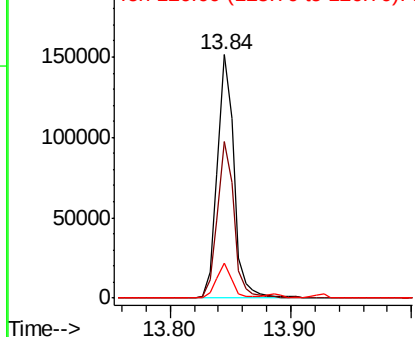


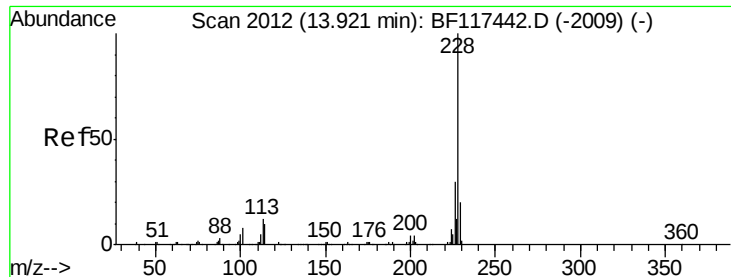
#82
3,3'-Dichlorobenzidine
Concen: 67.902 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:252 Resp: 143997
Ion Ratio Lower Upper
252 100
254 64.4 52.2 78.4
126 14.2 9.2 13.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 75.779 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

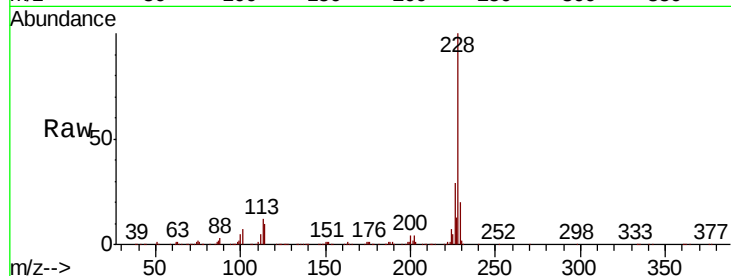
Tot Ion:228 Resp: 501242

Ion Ratio Lower Upper

228 100

226 29.4 23.9 35.9

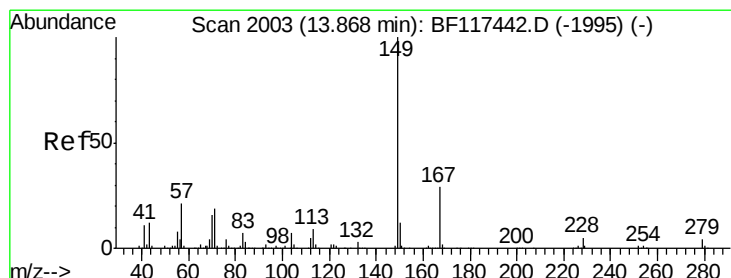
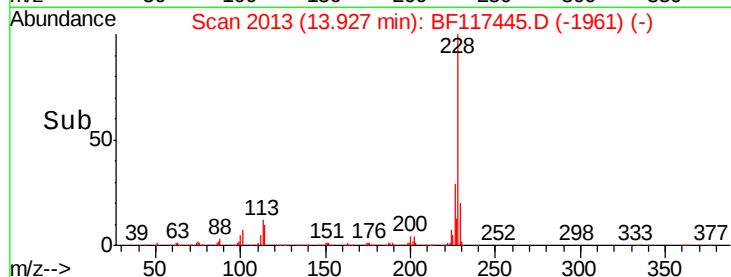
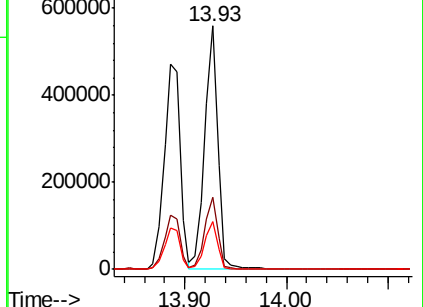
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 76.817 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

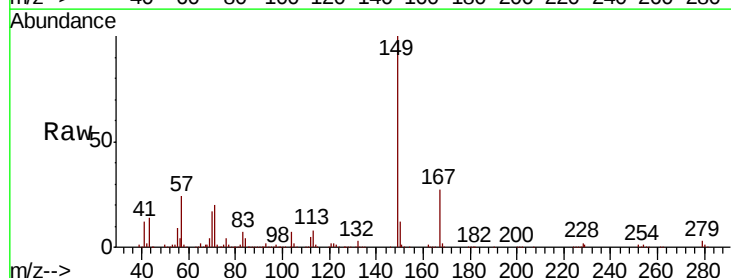
Tgt Ion:149 Resp: 470613

Ion Ratio Lower Upper

149 100

167 27.0 23.3 34.9

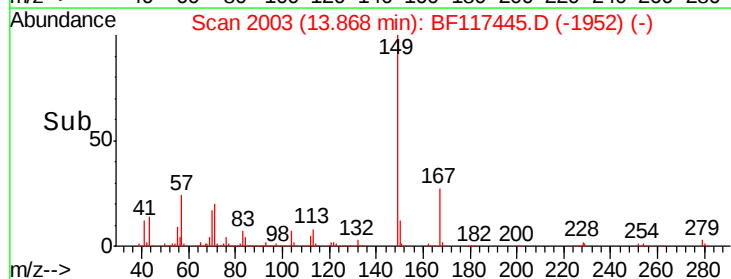
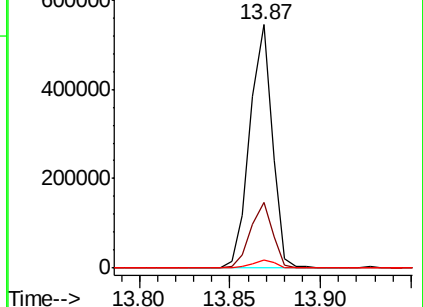
279 3.5 3.2 4.8

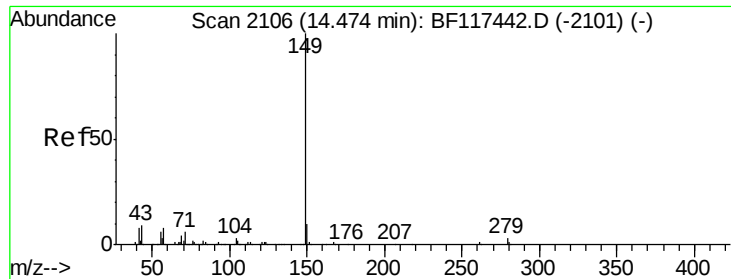


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 75.226 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

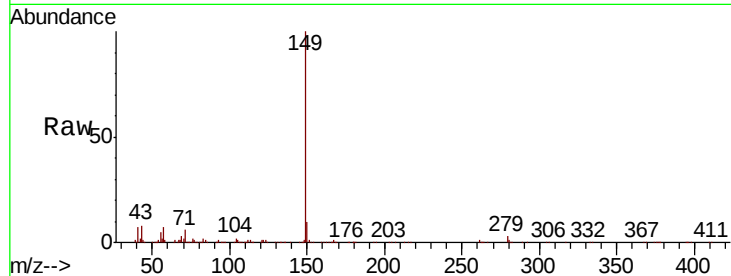
Tot Ion:149 Resp: 701636

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

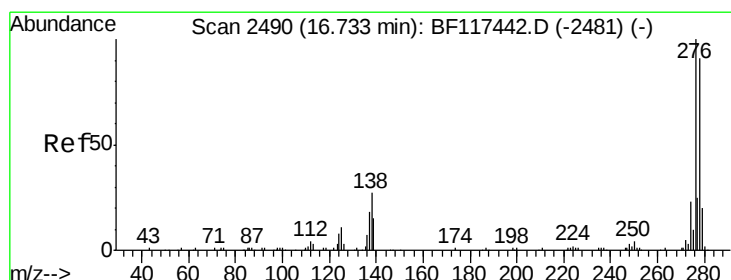
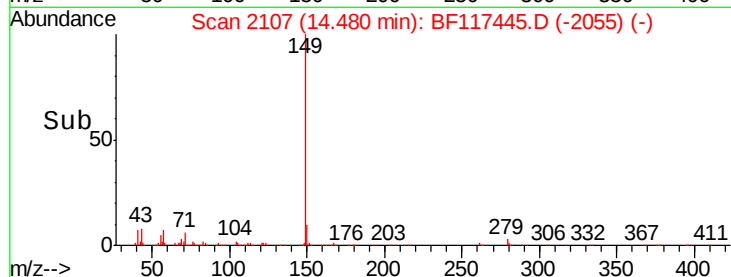
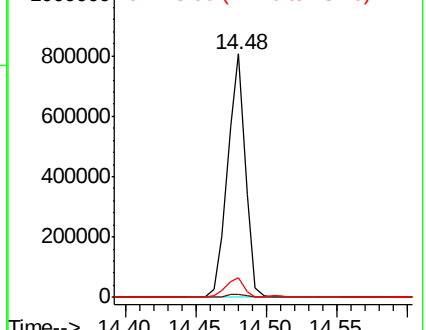
43 8.5 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 88.185 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

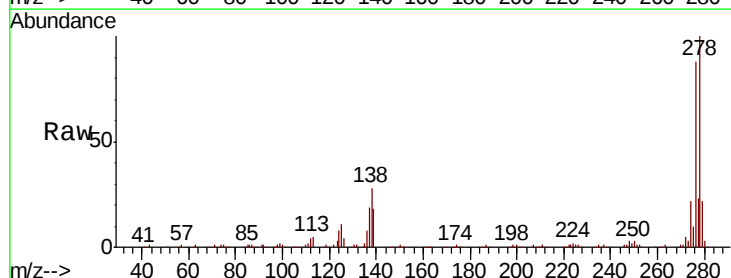
Tgt Ion:276 Resp: 407859

Ion Ratio Lower Upper

276 100

138 27.9 21.8 32.8

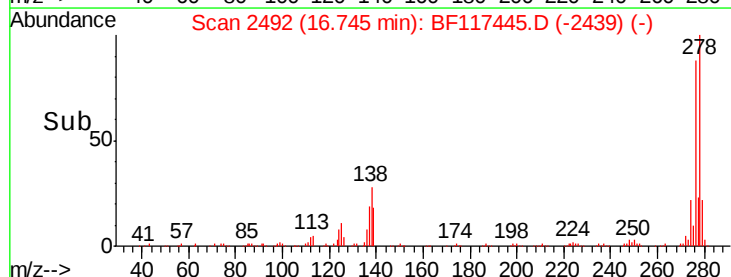
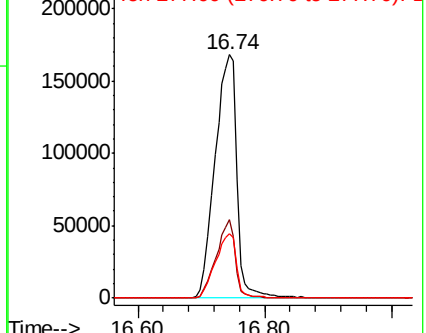
277 25.5 20.0 30.0

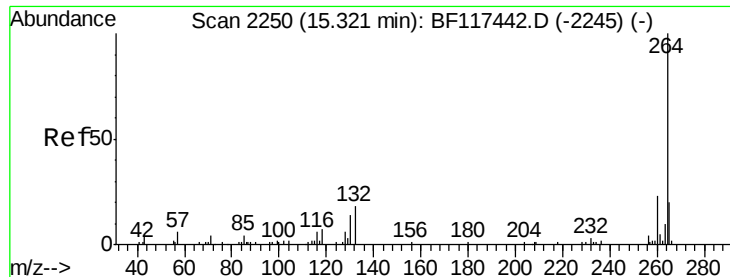


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

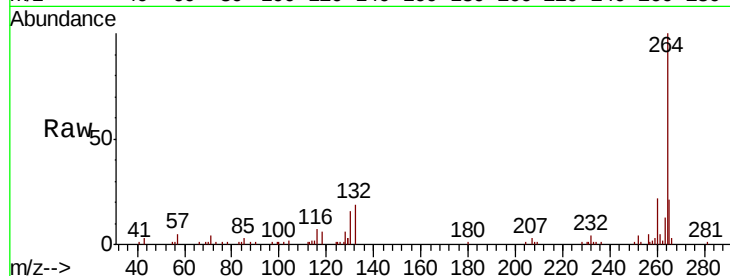




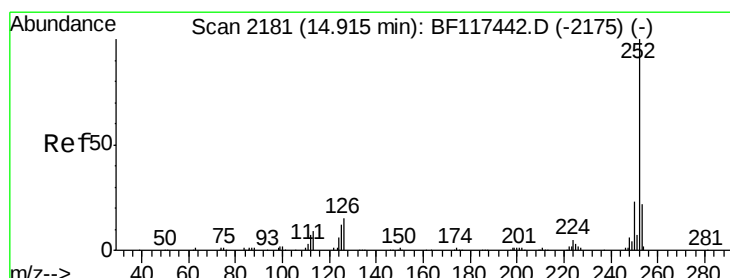
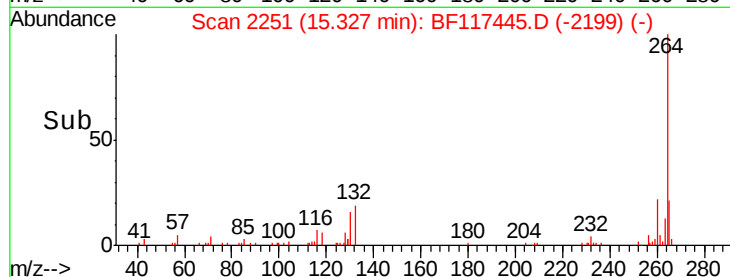
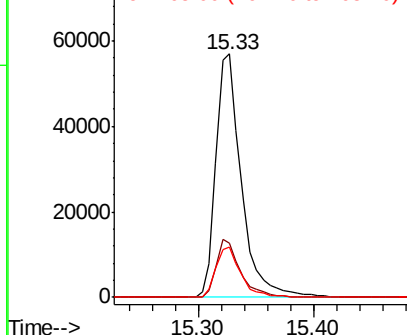
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 87049
Ion Ratio Lower Upper
264 100
260 22.4 18.4 27.6
265 20.8 16.1 24.1

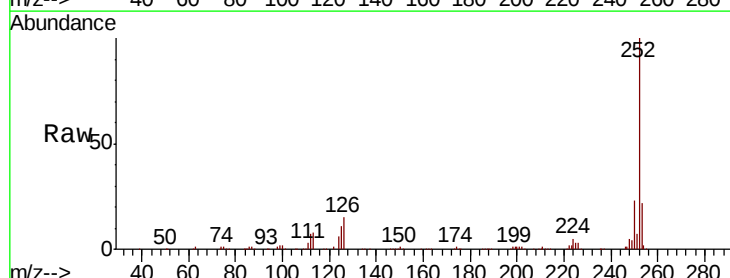


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

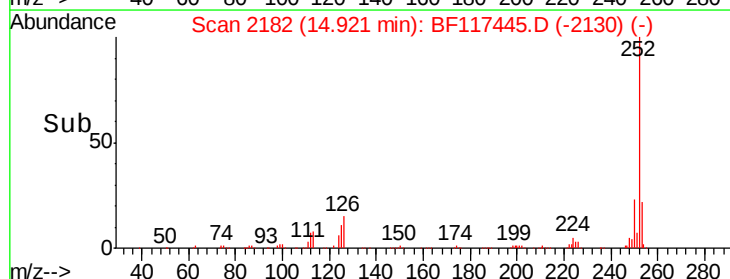
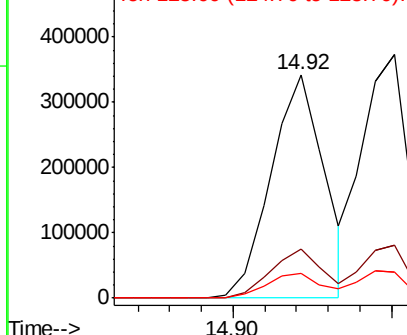


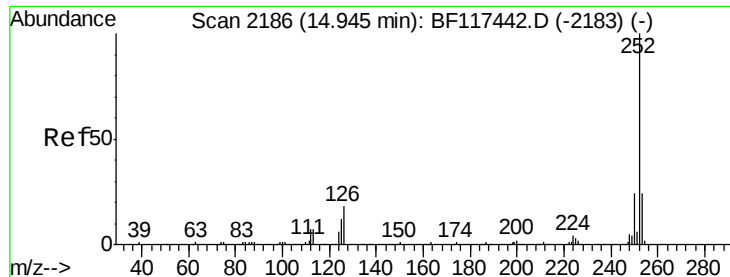
#88
Benzo(b)fluoranthene
Concen: 73.632 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:252 Resp: 399026
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.3 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

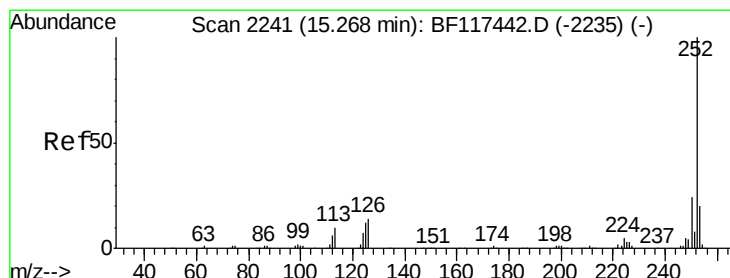
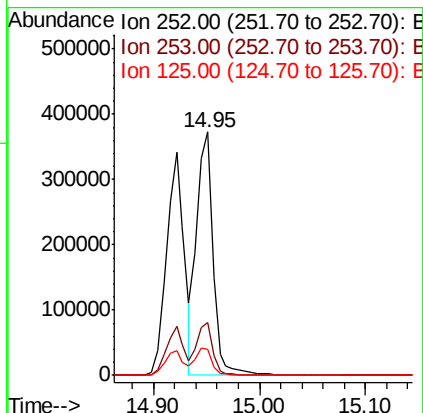
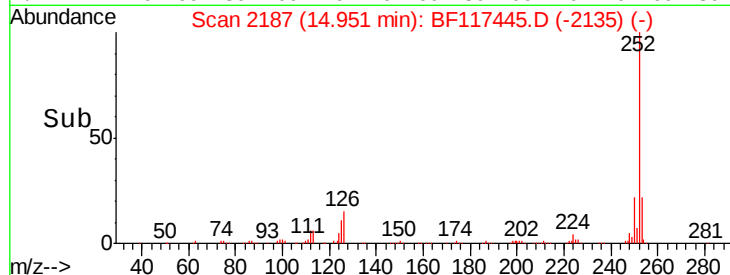
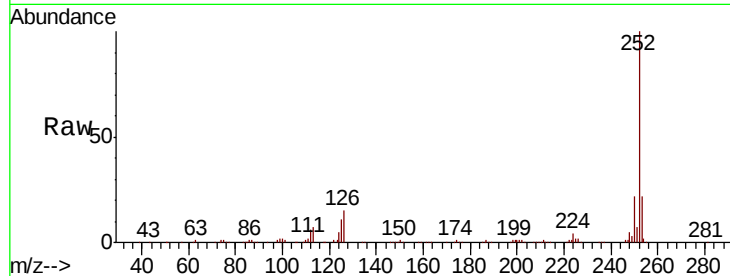




#89
Benzo(k)fluoranthene
Concen: 73.816 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

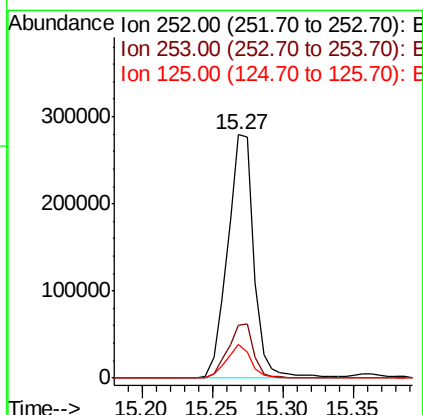
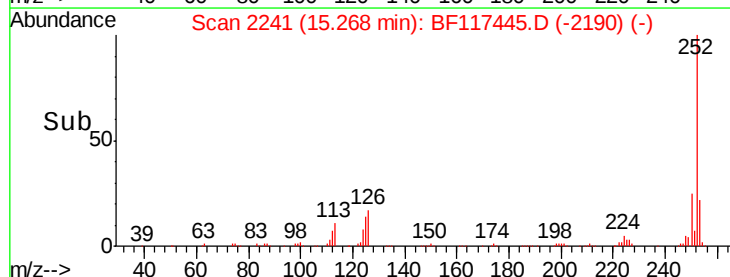
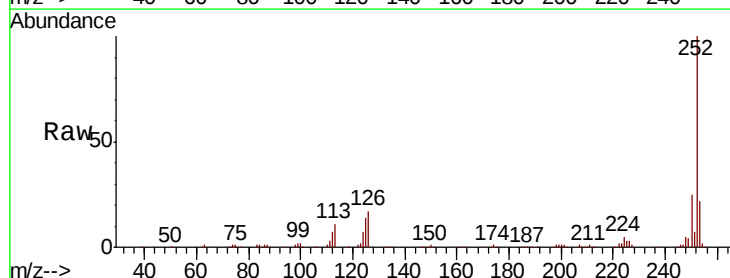
Instrument :
BNA_F
ClientSampleId :

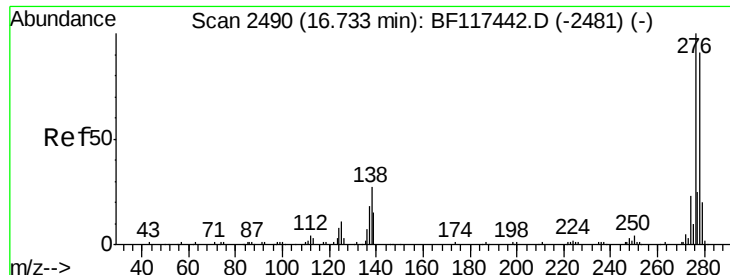
Tot Ion:252 Resp: 397543
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.5 8.9 13.3



#90
Benzo(a)pyrene
Concen: 75.693 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:252 Resp: 363235
Ion Ratio Lower Upper
252 100
253 21.9 16.3 24.5
125 13.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 83.478 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

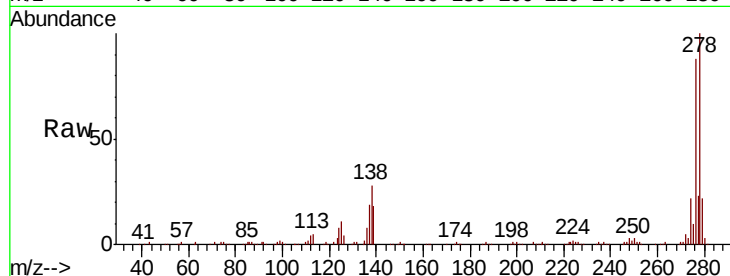
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 343266

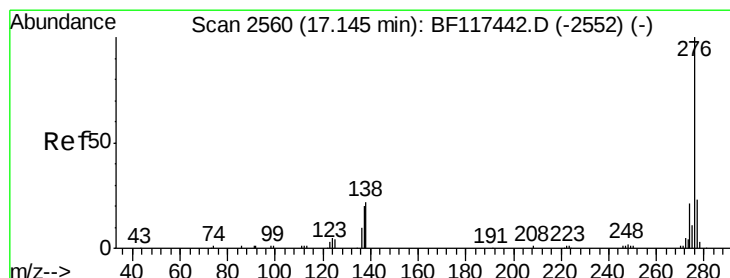
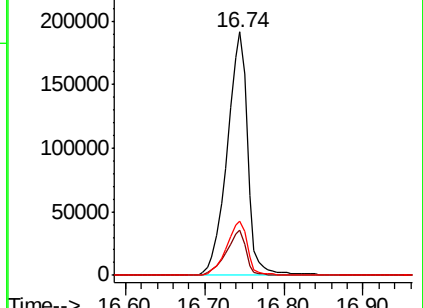
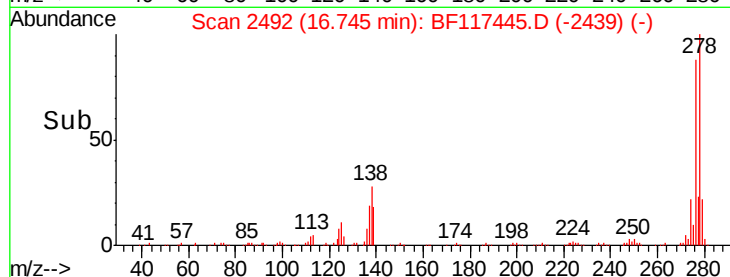
Ion	Ratio	Lower	Upper
278	100		
139	18.5	13.4	20.0
279	22.3	17.8	26.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 85.336 ng

RT: 17.16 min Scan# 2562

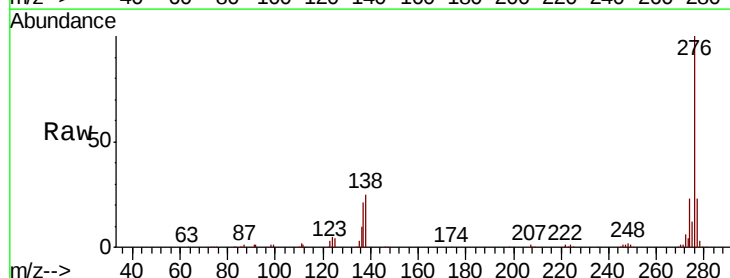
Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Tgt Ion:276 Resp: 334017

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	24.9	17.8	26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

