

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116295.D
 Acq On : 15 Aug 2019 22:58
 Operator : HP/JU
 Sample : K4321-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:12:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	83459	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	335815	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	185928	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	347688	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	302512	20.00	ng	-0.03
87) Perylene-d12	15.44	264	323272	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	548860	110.09	ng	-0.03
7) Phenol-d6	6.46	99	702352	111.66	ng	-0.03
23) Nitrobenzene-d5	7.38	82	442920	76.13	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	209531	116.24	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	834389	84.06	ng	-0.04
79) Terphenyl-d14	12.92	244	1100760	76.67	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	88597	35.177	ng	98
3) Pyridine	3.29	79	207799	29.536	ng	99
6) Aniline	6.48	93	232593	25.821	ng	# 73
8) 2-Chlorophenol	6.61	128	253122	45.915	ng	99
9) Benzaldehyde	6.37	77	117192	27.003	ng	98
10) Phenol	6.47	94	328999	44.417	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	235644	43.271	ng	99
12) 1,3-Dichlorobenzene	6.76	146	266503	41.829	ng	99
13) 1,4-Dichlorobenzene	6.83	146	276506	43.345	ng	98
14) 1,2-Dichlorobenzene	6.99	146	258209	43.958	ng	99
15) Benzyl Alcohol	6.96	79	211511	44.310	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	316220	42.571	ng	88
17) 2-Methylphenol	7.08	107	208421	44.649	ng	98
18) Hexachloroethane	7.32	117	97175	41.374	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	175883	45.124	ng	97
20) 3+4-Methylphenols	7.23	107	274258	49.648	ng	93
22) Acetophenone	7.23	105	348135	47.270	ng	# 94
24) Nitrobenzene	7.40	77	279988	44.572	ng	97
25) Isophorone	7.64	82	502500	45.171	ng	99
26) 2-Nitrophenol	7.72	139	134278	45.347	ng	94
27) 2,4-Dimethylphenol	7.76	122	226219	50.779	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	309839	44.937	ng	99
29) 2,4-Dichlorophenol	7.97	162	220411	46.858	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	231241	43.127	ng	98
31) Naphthalene	8.12	128	736642	46.615	ng	98
32) Benzoic acid	7.90	122	106924	34.043	ng	95
33) 4-Chloroaniline	8.18	127	97409	13.796	ng	98
34) Hexachlorobutadiene	8.23	225	130643	42.301	ng	99
35) Caprolactam	8.58	113	38454	25.277	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	234834	47.989	ng	99
37) 2-Methylnaphthalene	8.81	142	497059	47.760	ng	98
38) 1-Methylnaphthalene	8.91	142	462136	46.937	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	225460	45.359	ng	99
41) Hexachlorocyclopentadiene	8.96	237	81910	39.912	ng	97

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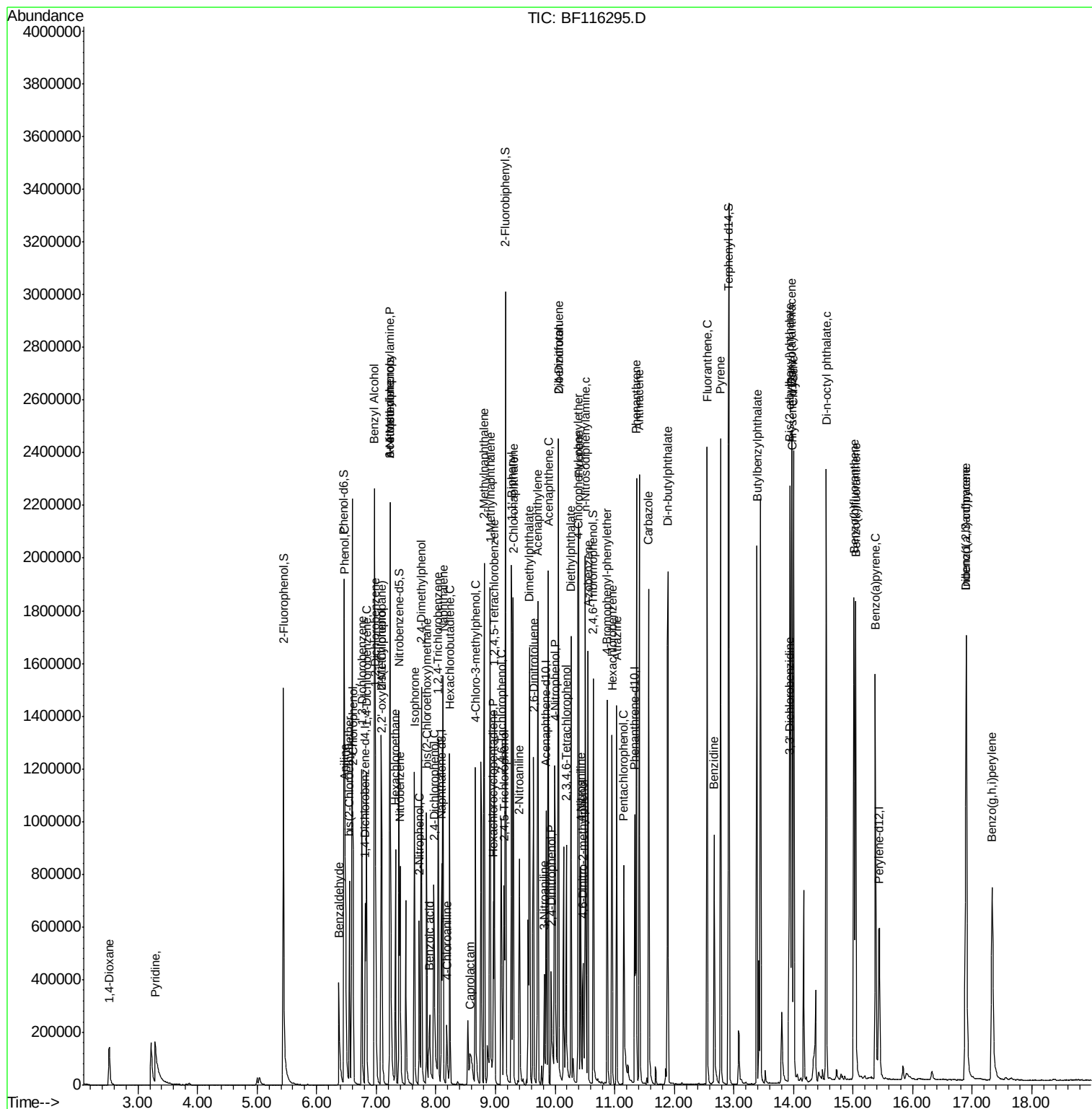
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.10	196	144376	42.199	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	154281	43.624	ng	98
46) 1,1'-Biphenyl	9.27	154	613368	46.728	ng	98
47) 2-Chloronaphthalene	9.30	162	473479	43.339	ng	100
48) 2-Nitroaniline	9.40	65	153085	42.392	ng	91
49) Acenaphthylene	9.71	152	739925	46.423	ng	99
50) Dimethylphthalate	9.57	163	679511	53.676	ng	100
51) 2,6-Dinitrotoluene	9.64	165	126652	46.036	ng	91
52) Acenaphthene	9.89	154	445086	45.518	ng	100
53) 3-Nitroaniline	9.82	138	84553	24.873	ng	93
54) 2,4-Dinitrophenol	9.93	184	84569	62.348	ng	97
55) Dibenzofuran	10.06	168	654623	46.036	ng	99
56) 4-Nitrophenol	9.99	139	165214	75.868	ng	93
57) 2,4-Dinitrotoluene	10.05	165	167441	45.712	ng	97
58) Fluorene	10.40	166	535582	48.954	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	138361	46.501	ng	99
60) Diethylphthalate	10.27	149	569567	48.189	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	266889	48.168	ng	97
62) 4-Nitroaniline	10.43	138	145872	41.523	ng	98
63) Azobenzene	10.55	77	583807	48.023	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	80425	43.650	ng	95
66) n-Nitrosodiphenylamine	10.51	169	479450	45.814	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	166000	44.600	ng	96
68) Hexachlorobenzene	10.96	284	185558	43.114	ng	93
69) Atrazine	11.03	200	157970	45.884	ng	98
70) Pentachlorophenol	11.16	266	144857	69.325	ng	98
71) Phenanthrene	11.36	178	825063	46.418	ng	100
72) Anthracene	11.42	178	862202	47.930	ng	99
73) Carbazole	11.57	167	801625	49.119	ng	99
74) Di-n-butylphthalate	11.89	149	961528	50.505	ng	98
75) Fluoranthene	12.55	202	932359	50.105	ng	98
77) Benzidine	12.67	184	405494	39.676	ng	98
78) Pyrene	12.78	202	959285	42.067	ng	100
80) Butylbenzylphthalate	13.39	149	443057	45.931	ng	97
81) Benzo(a)anthracene	13.97	228	868647	44.925	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	152586	22.715	ng	98
83) Chrysene	14.00	228	875481	46.638	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	638476	50.935	ng	# 98
85) Di-n-octyl phthalate	14.55	149	1068936	53.688	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	824714	52.309	ng	100
88) Benzo(b)fluoranthene	15.02	252	834278	44.633	ng	100
89) Benzo(k)fluoranthene	15.04	252	839677	46.120	ng	100
90) Benzo(a)pyrene	15.37	252	799830	47.868	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	695392	48.079	ng	98
92) Benzo(g,h,i)perylene	17.33	276	683095	48.090	ng	98

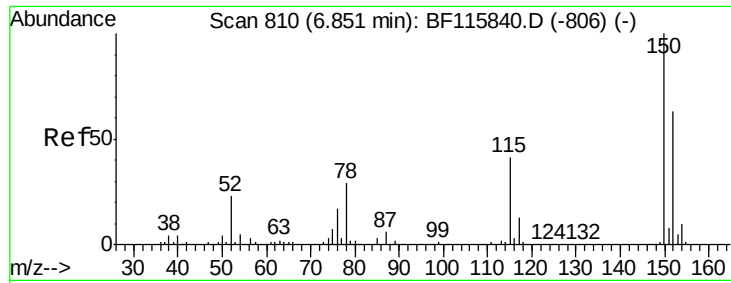
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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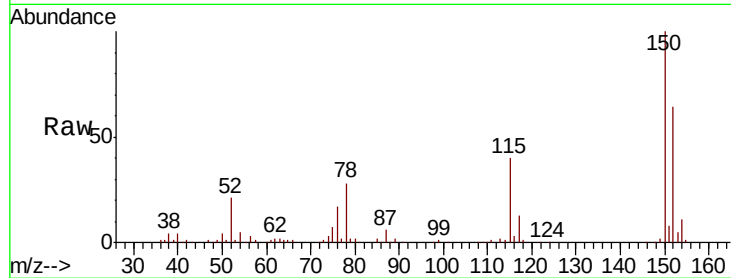


#1

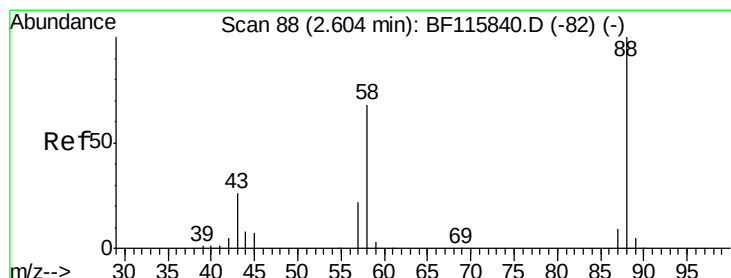
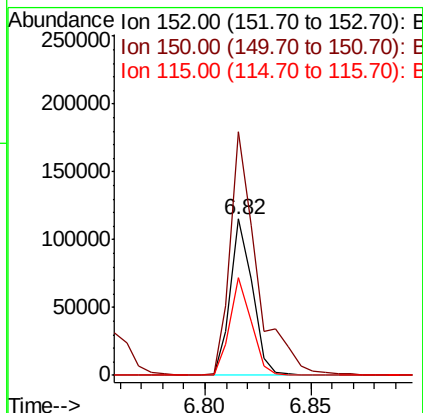
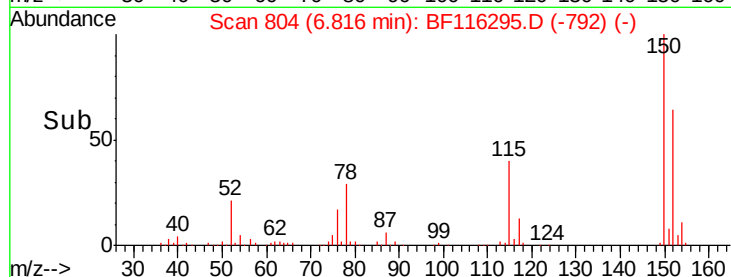
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83459
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 62.5 49.9 74.9



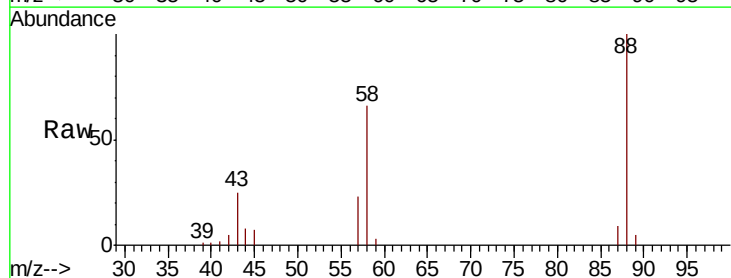
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



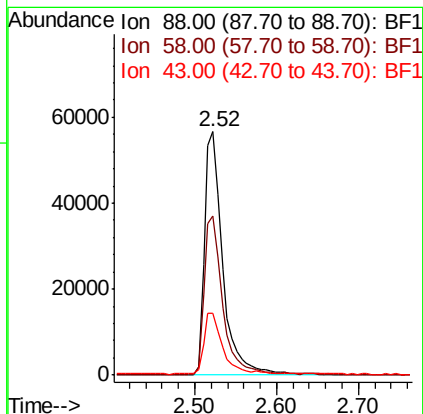
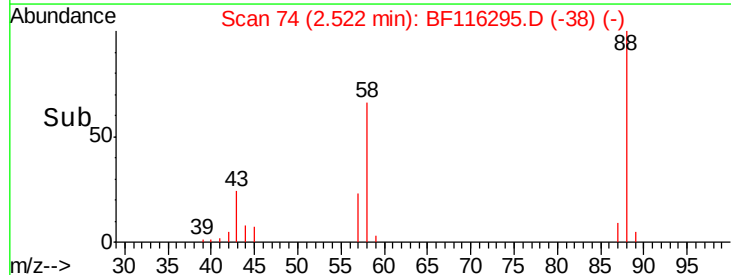
#2

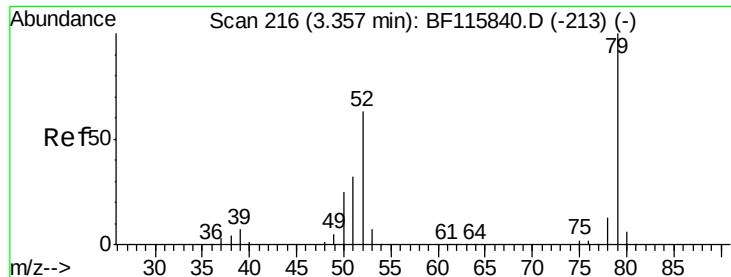
1,4-Dioxane
Concen: 35.177 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.09 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion: 88 Resp: 88597
Ion Ratio Lower Upper
88 100
58 66.4 53.7 80.5
43 28.1 21.0 31.4



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: 29.536 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.08 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

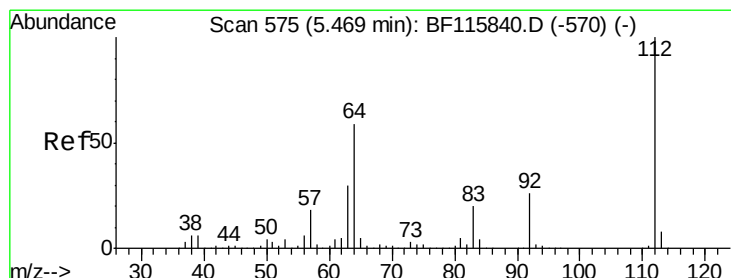
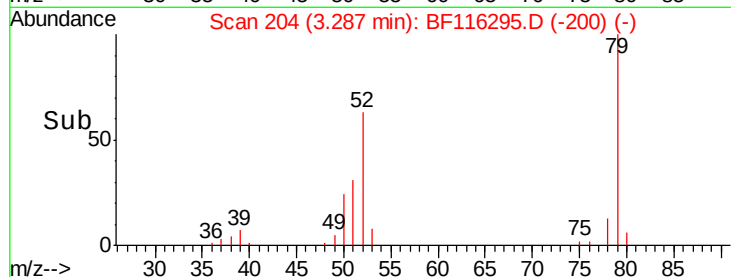
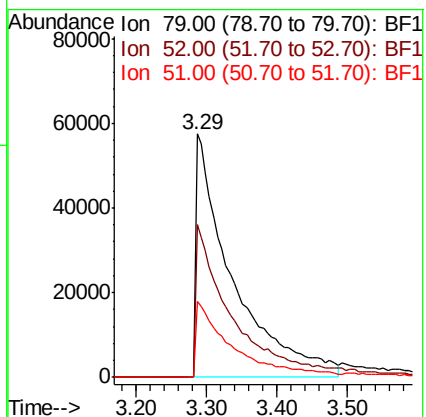
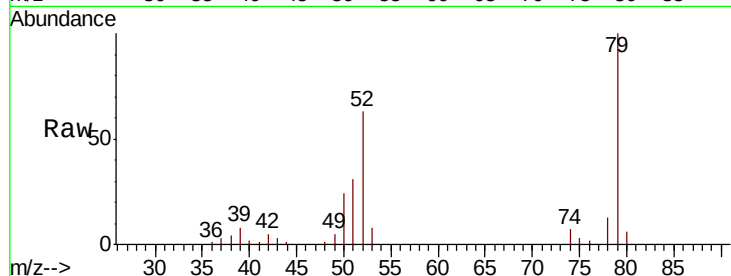
Tot Ion: 79 Resp: 207799

Ion Ratio Lower Upper

79 100

52 62.6 49.8 74.8

51 31.0 25.2 37.8



#5

2-Fluorophenol

Concen: 110.093 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

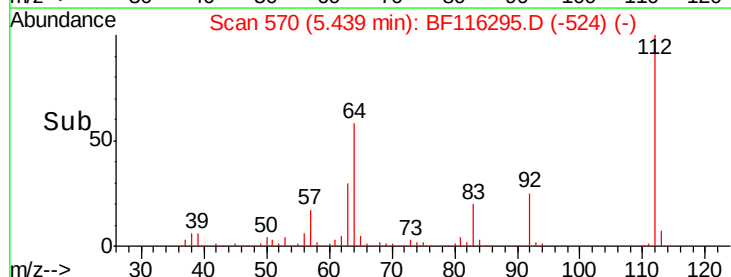
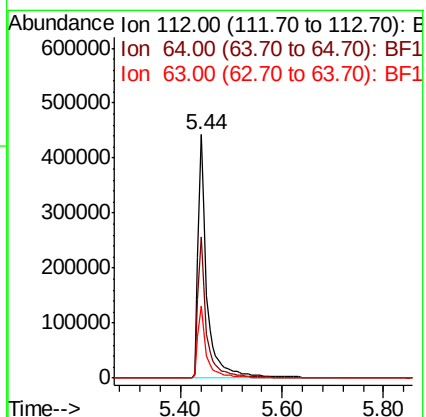
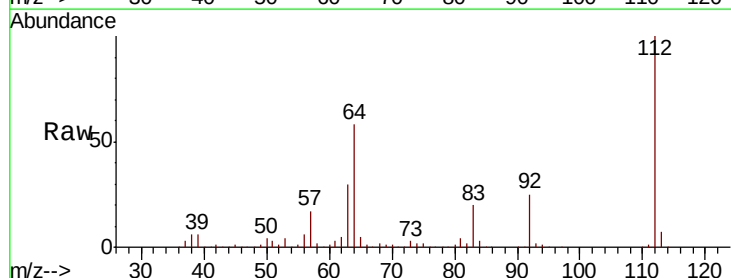
Tgt Ion: 112 Resp: 548860

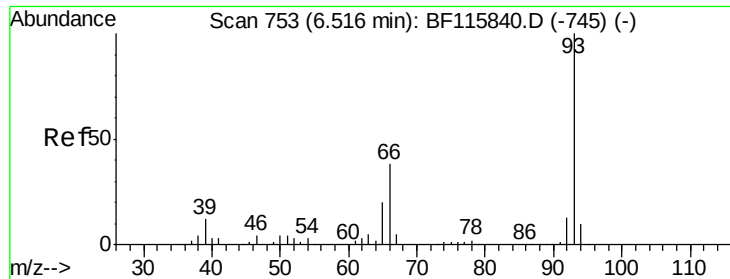
Ion Ratio Lower Upper

112 100

64 58.0 45.4 68.2

63 29.6 23.7 35.5





#6

Aniline

Concen: 25.821 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

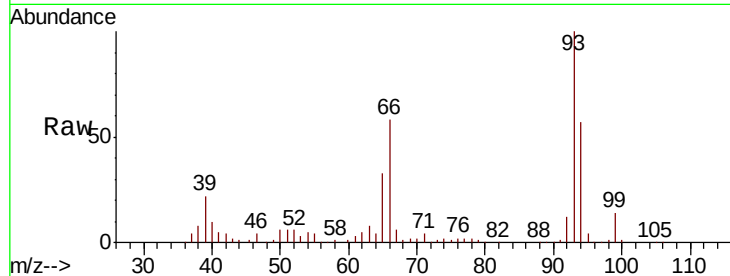
Tot Ion: 93 Resp: 232593

Ion Ratio Lower Upper

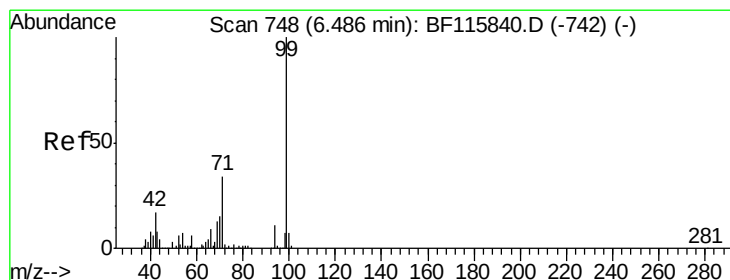
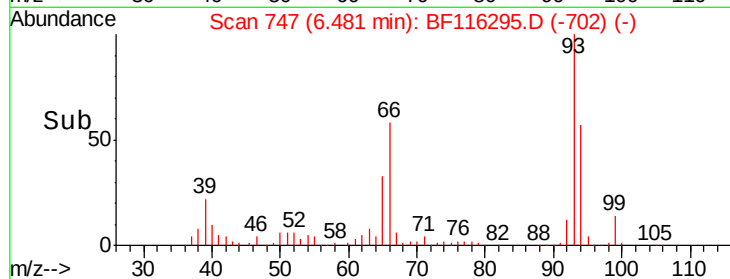
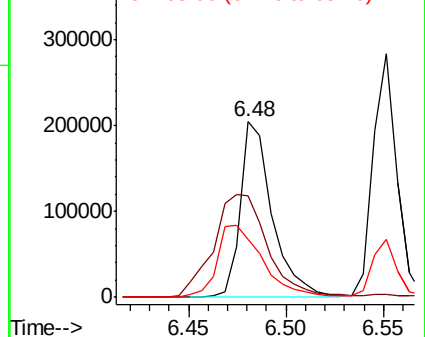
93 100

66 57.6 32.2 48.4#

65 33.1 17.0 25.6#



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: 111.662 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

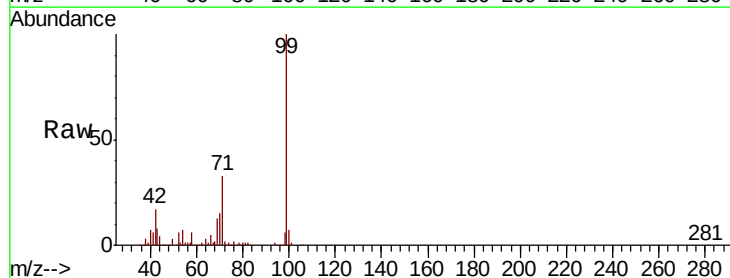
Tgt Ion: 99 Resp: 702352

Ion Ratio Lower Upper

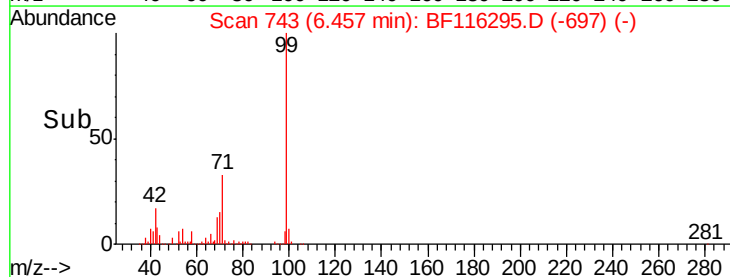
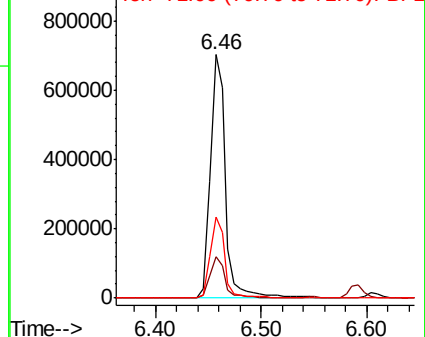
99 100

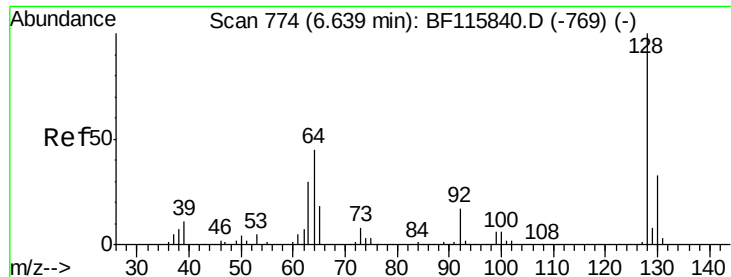
42 17.2 13.8 20.8

71 33.2 27.3 40.9



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: 45.915 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF116295.D

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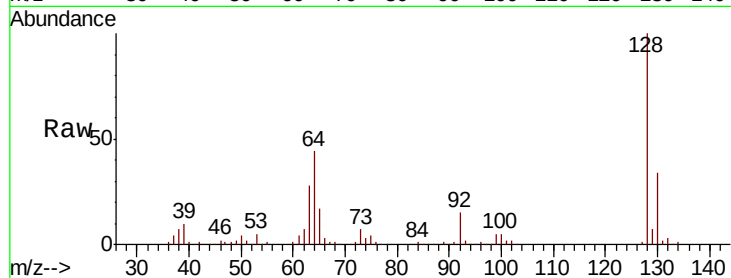
Tot Ion:128 Resp: 253122

Ion Ratio Lower Upper

128 100

130 33.7 12.9 52.9

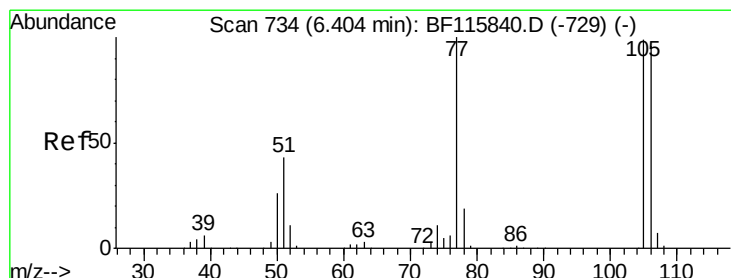
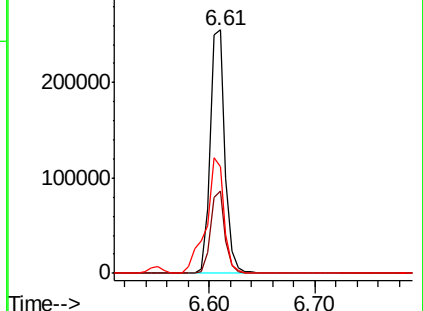
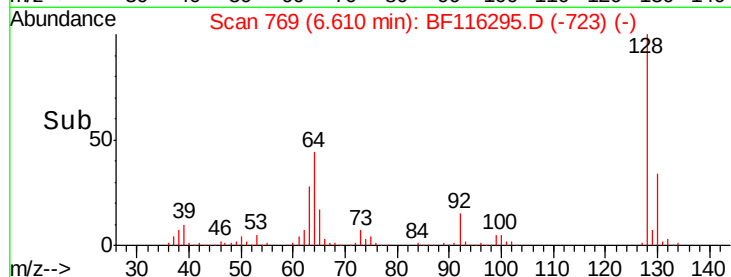
64 43.6 24.3 64.3



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: 27.003 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

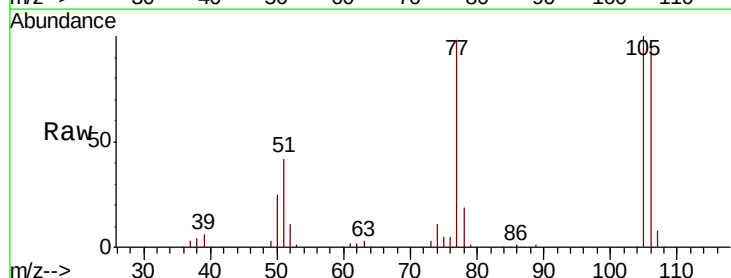
Tgt Ion: 77 Resp: 117192

Ion Ratio Lower Upper

77 100

105 101.6 79.2 119.2

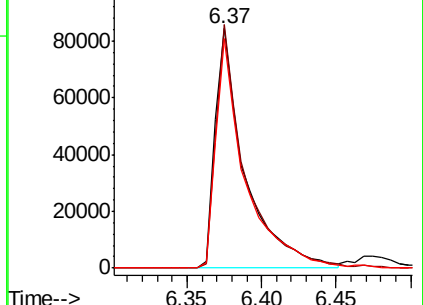
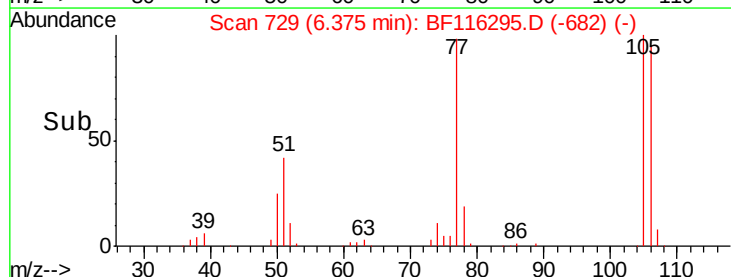
106 96.1 74.3 114.3

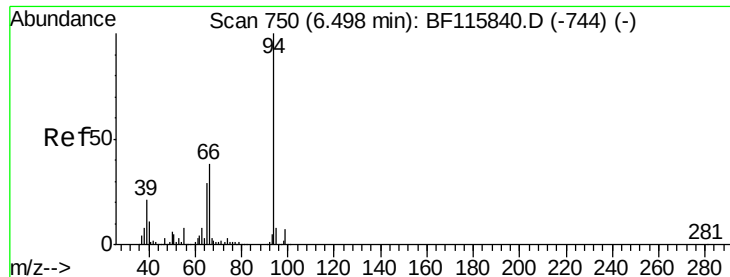


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 44.417 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

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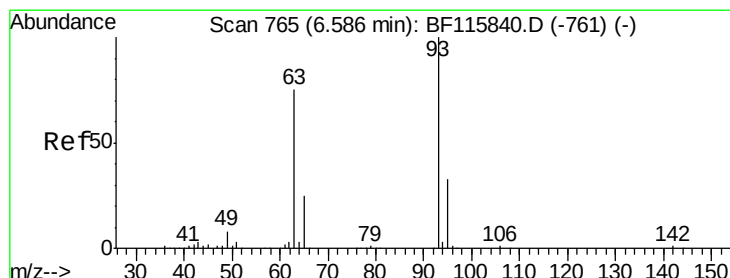
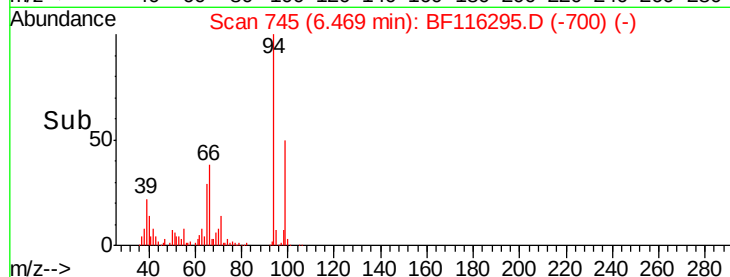
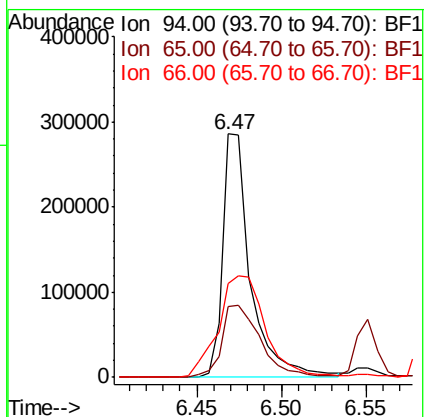
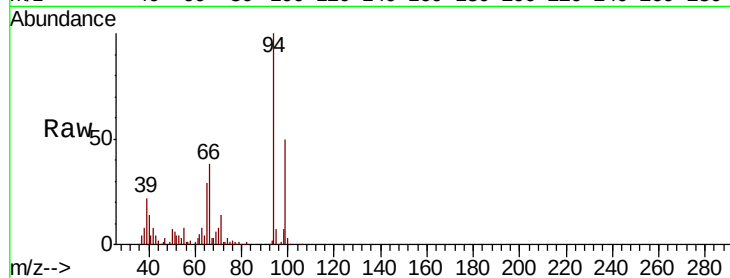
Tot Ion: 94 Resp: 328999

Ion Ratio Lower Upper

94 100

65 28.8 16.8 56.8

66 38.3 34.2 74.2



#11

bis(2-Chloroethyl)ether

Concen: 43.271 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.04 min

Lab File: BF116295.D

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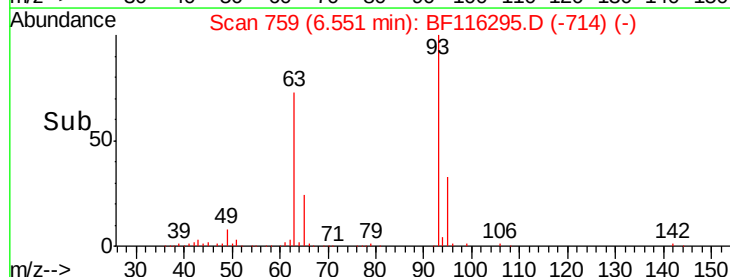
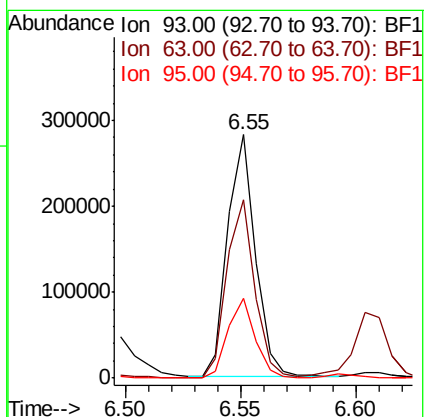
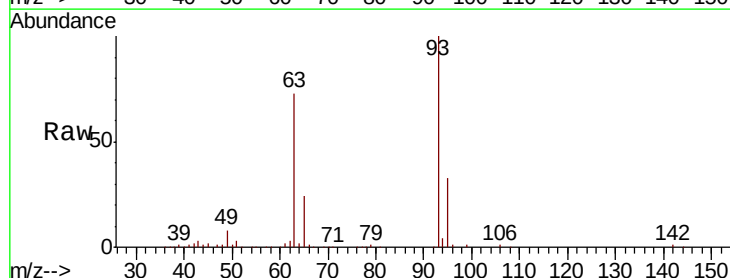
Tgt Ion: 93 Resp: 235644

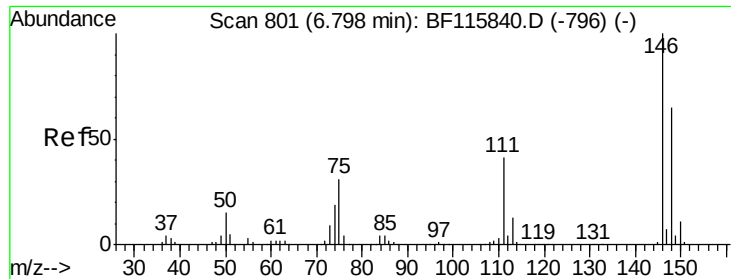
Ion Ratio Lower Upper

93 100

63 73.1 51.9 91.9

95 32.7 13.0 53.0

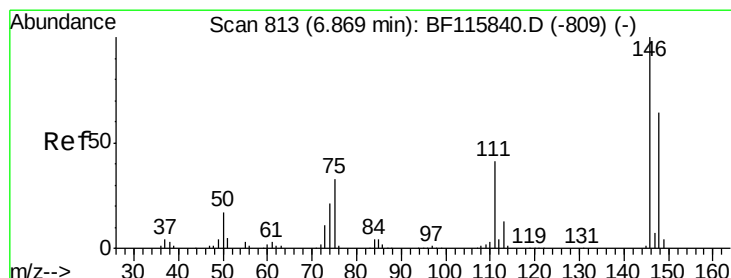
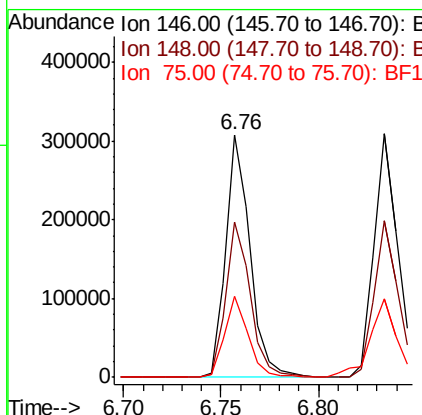
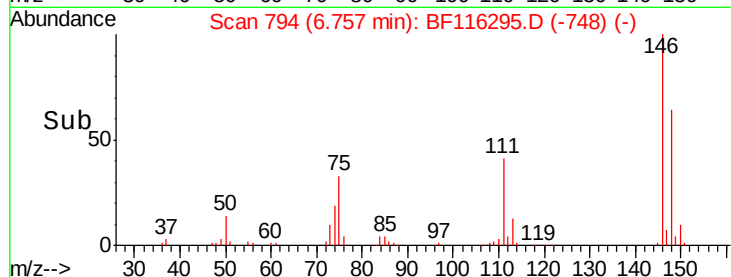
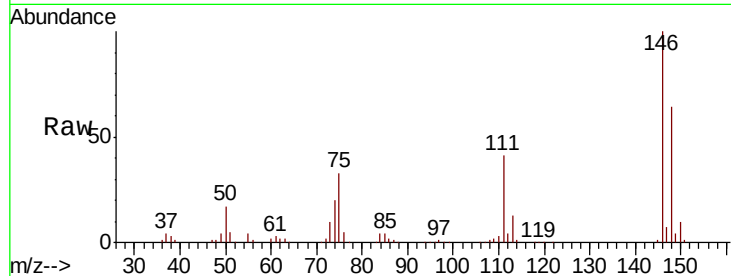




#12
 1,3-Dichlorobenzene
 Concen: 41.829 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

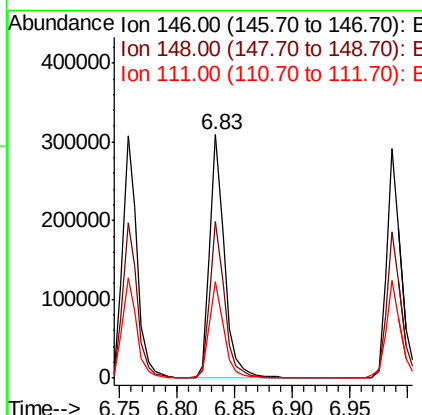
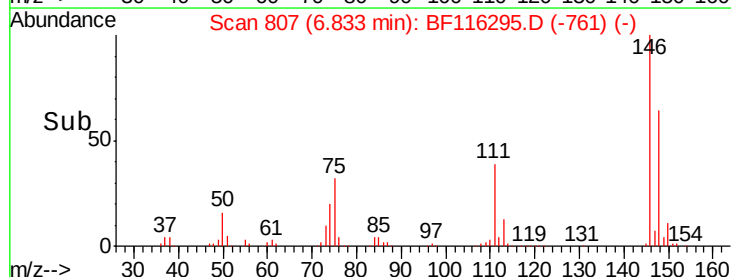
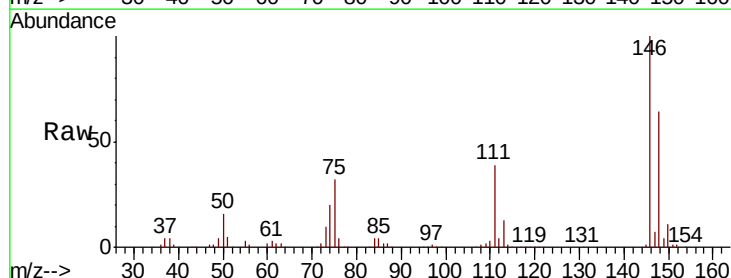
Instrument :
 BNA_F
 ClientSampleId :

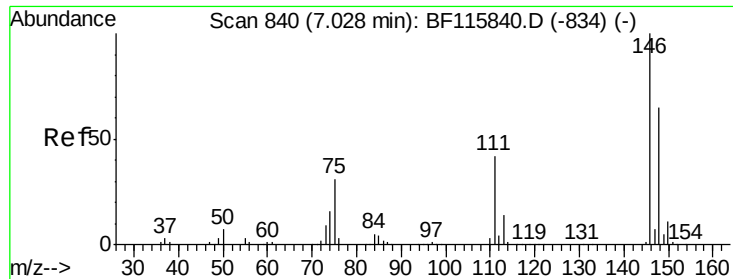
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.3	76.9
75	33.4	27.4	41.2



#13
 1,4-Dichlorobenzene
 Concen: 43.345 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	39.4	34.0	51.0

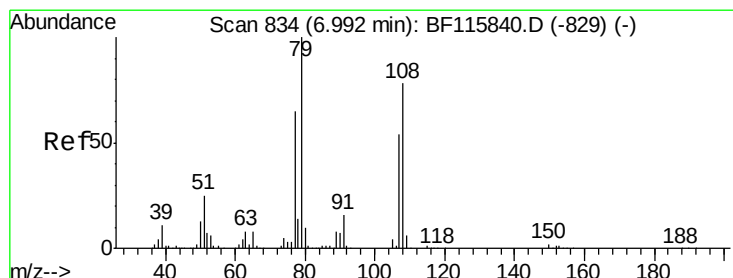
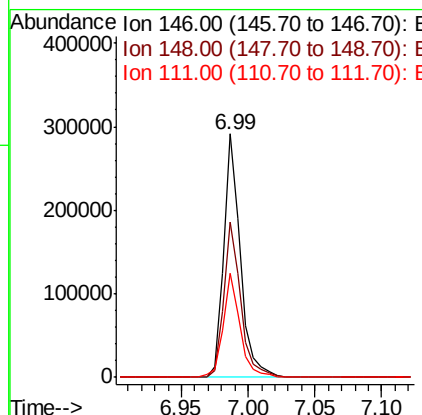
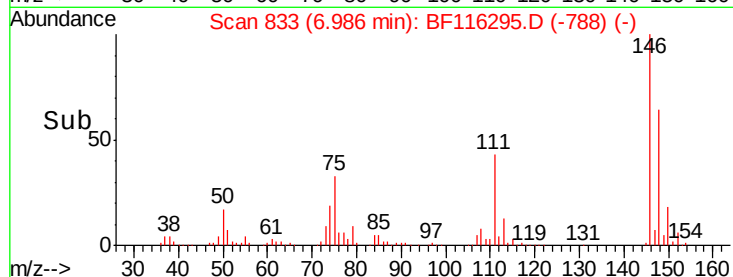
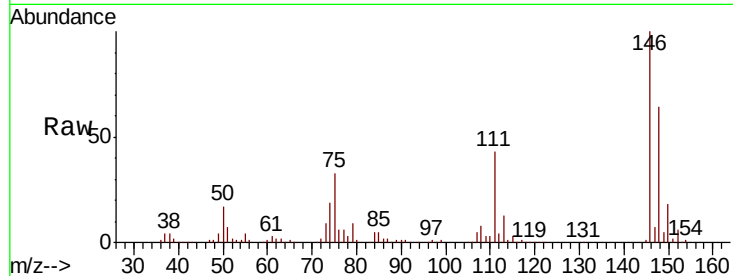




#14
 1,2-Dichlorobenzene
 Concen: 43.958 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

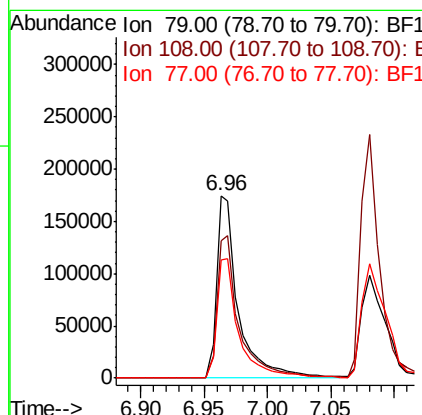
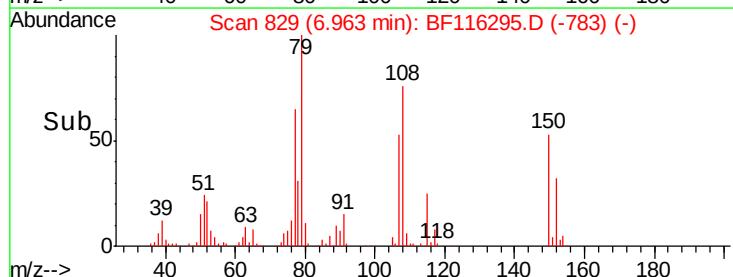
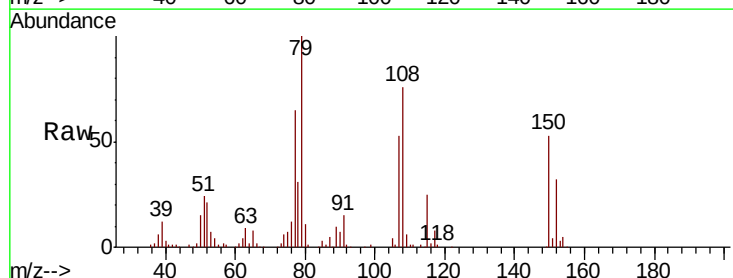
Instrument :
 BNA_F
 ClientSampleId :

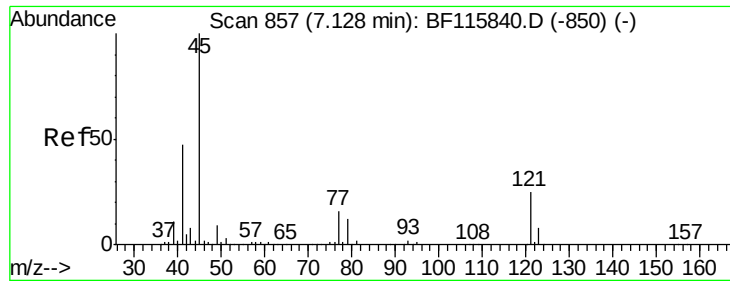
Tot Ion:146 Resp: 258209
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.2 76.8
 111 42.8 33.5 50.3



#15
 Benzyl Alcohol
 Concen: 44.310 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion: 79 Resp: 211511
 Ion Ratio Lower Upper
 79 100
 108 75.5 62.7 94.1
 77 64.8 52.2 78.2

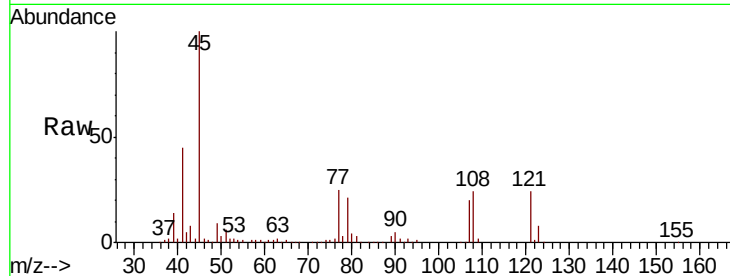




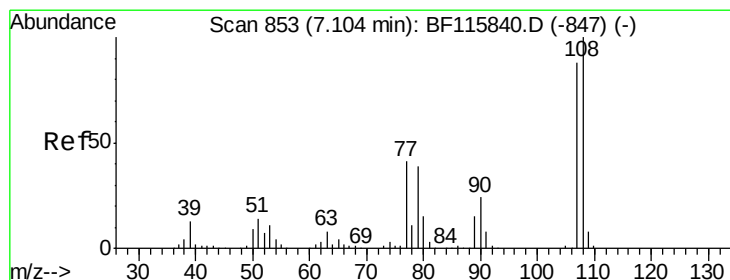
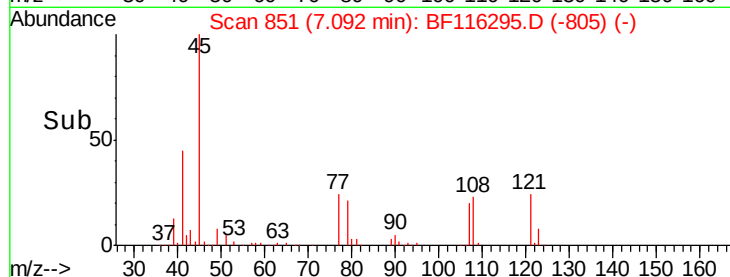
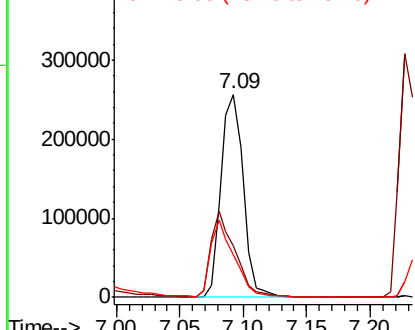
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 42.571 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	45	Resp:	316220
Ion	Ratio	Lower	Upper
45	100		
77	25.1	0.0	40.0
79	21.3	0.0	35.9

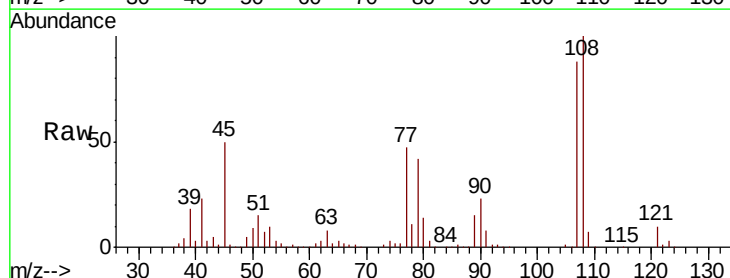


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

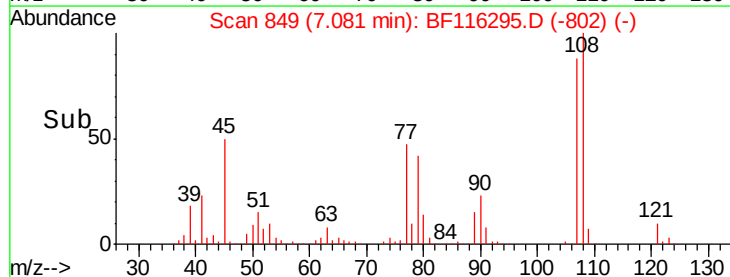
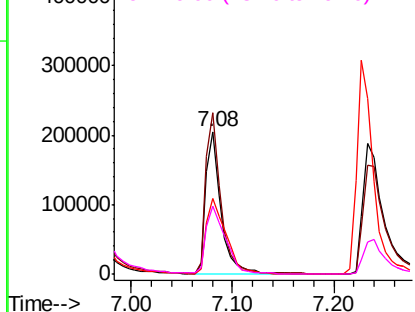


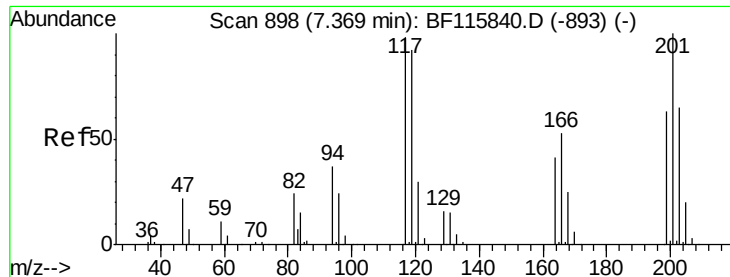
#17
2-Methylphenol
Concen: 44.649 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion:	107	Resp:	208421
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.2	136.8
77	53.6	40.3	60.5
79	48.1	37.6	56.4



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

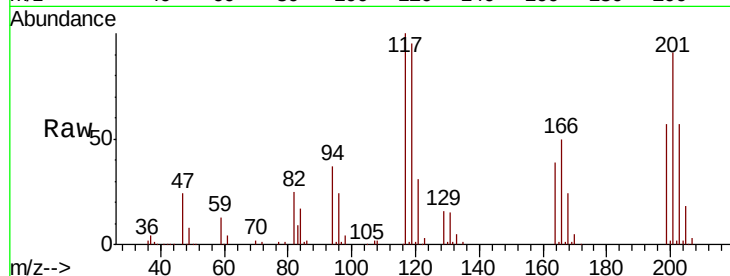




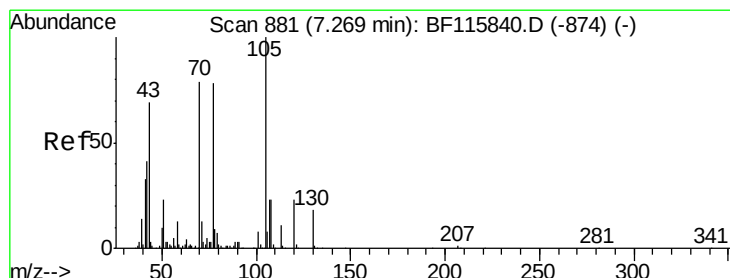
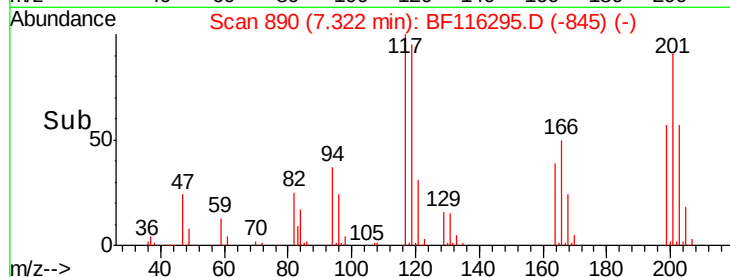
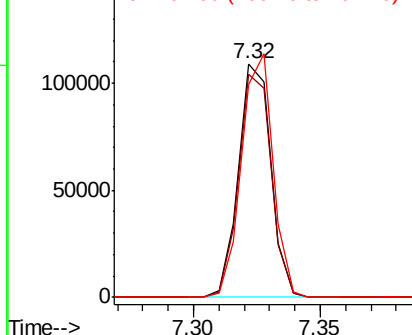
#18
Hexachloroethane
Concen: 41.374 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 97175
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1
201 90.9 77.0 115.4

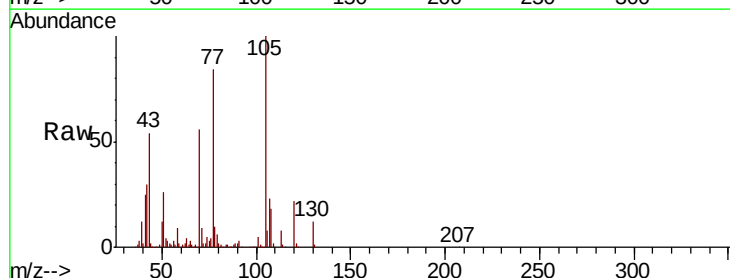


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

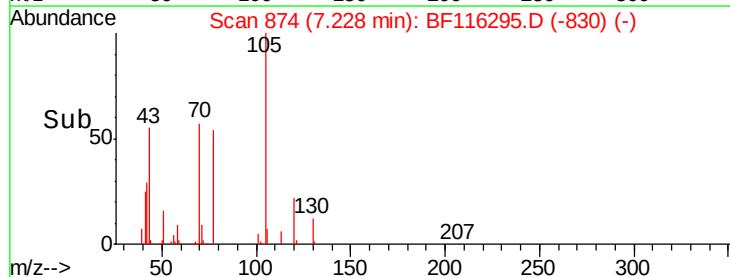
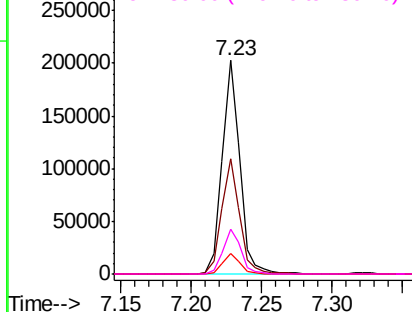


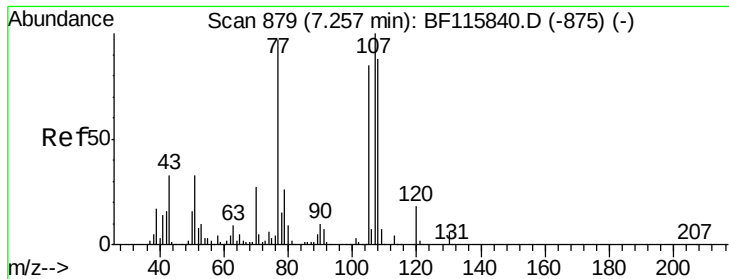
#19
n-Nitroso-di-n-propylamine
Concen: 45.124 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion: 70 Resp: 175883
Ion Ratio Lower Upper
70 100
42 54.1 40.9 61.3
101 9.6 7.9 11.9
130 20.8 16.9 25.3



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





#20

3+4-Methylphenols

Concen: 49.648 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 274258

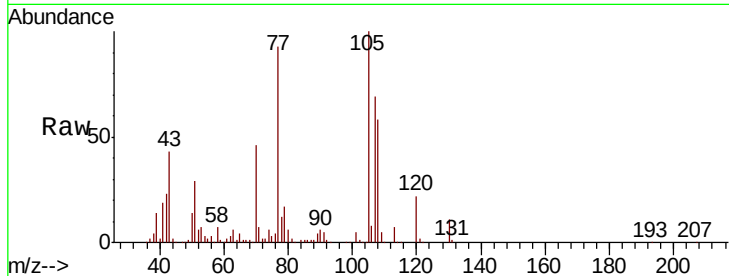
Ion Ratio Lower Upper

107 100

108 83.5 67.6 107.6

77 134.5 104.4 144.4

79 25.0 7.4 47.4

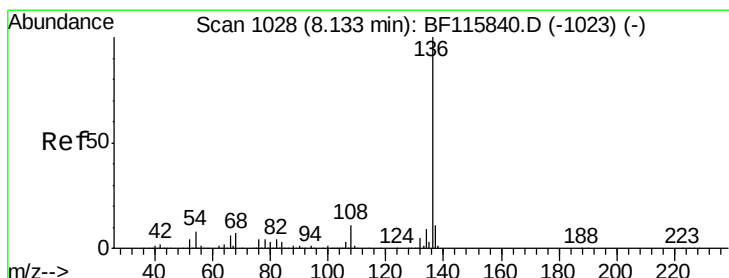
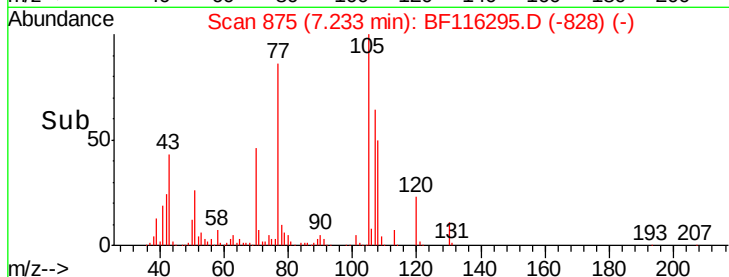
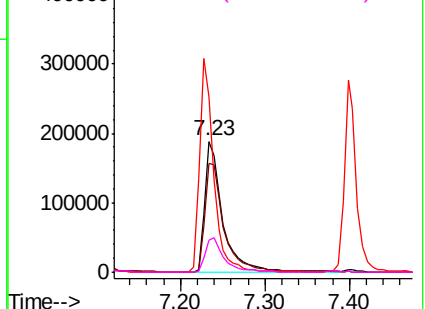


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Tgt Ion:136 Resp: 335815

Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 6.6 5.8 8.6

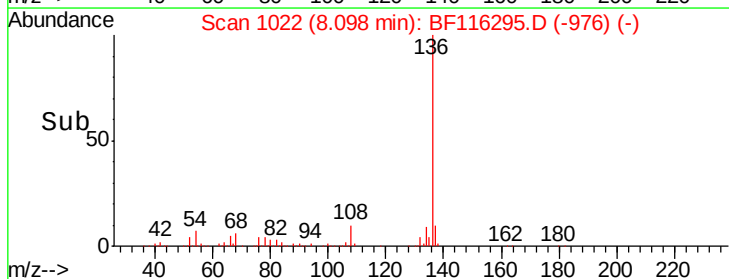
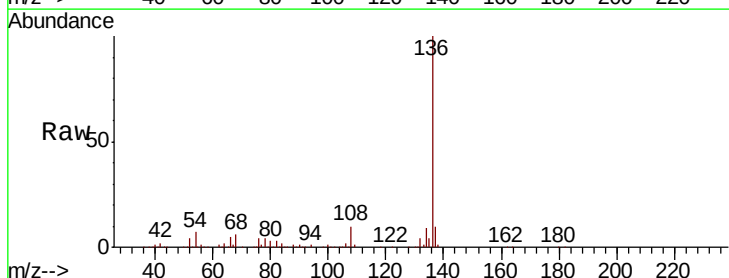
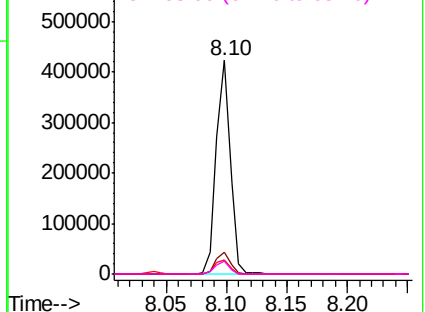
68 5.8 5.2 7.8

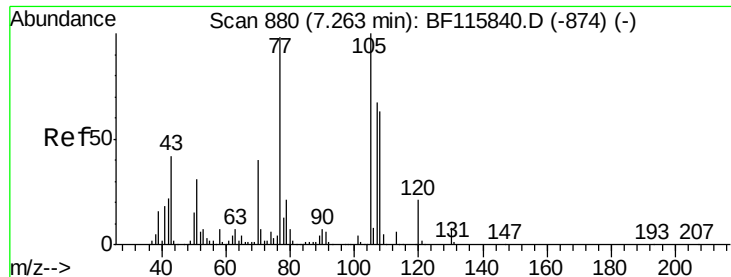
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 47.270 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 348135

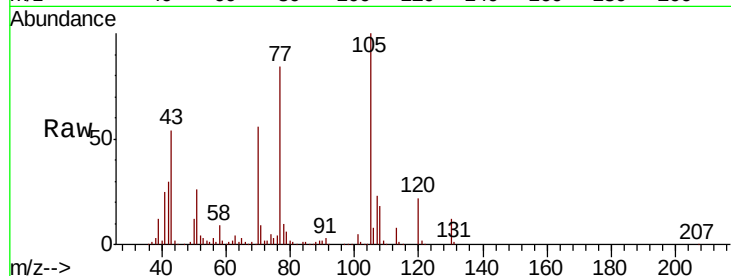
Ion Ratio Lower Upper

105 100

71 9.4 5.9 8.9#

51 26.4 25.3 37.9

120 21.7 17.9 26.9

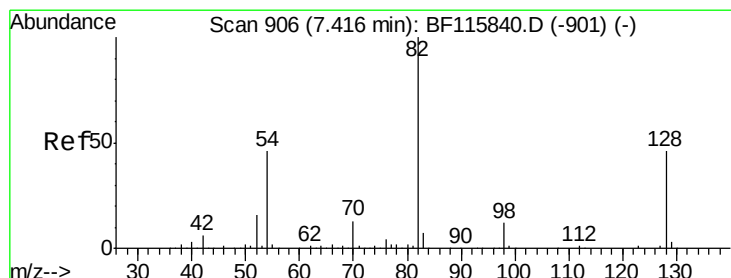
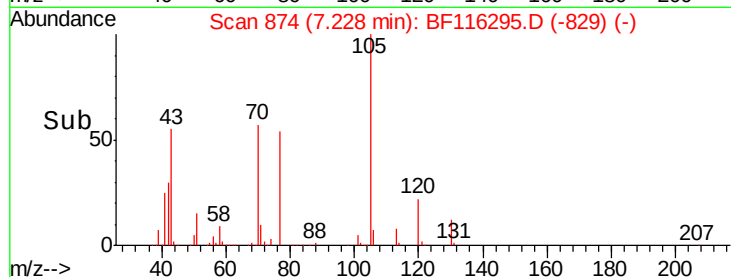
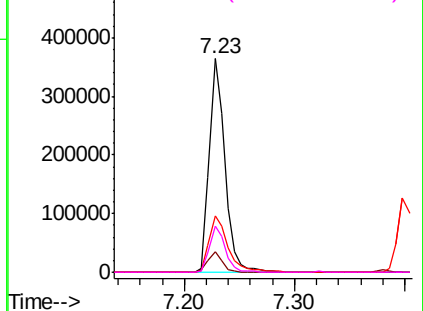


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 76.133 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

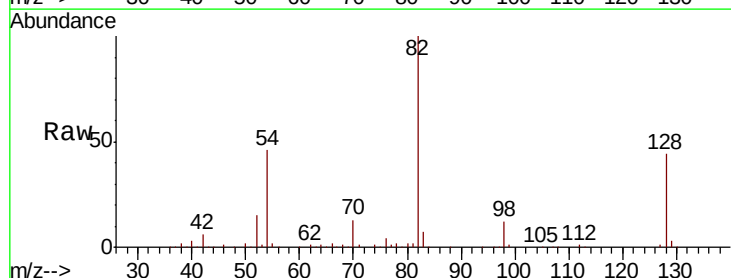
Tgt Ion: 82 Resp: 442920

Ion Ratio Lower Upper

82 100

128 43.8 36.5 54.7

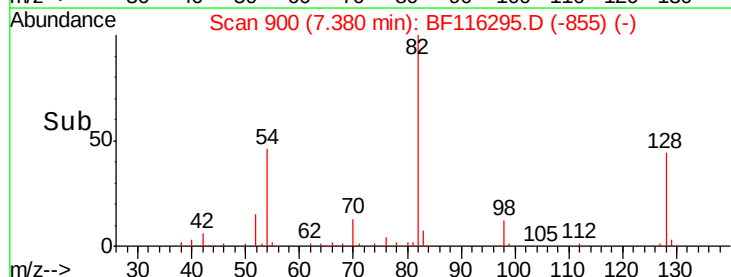
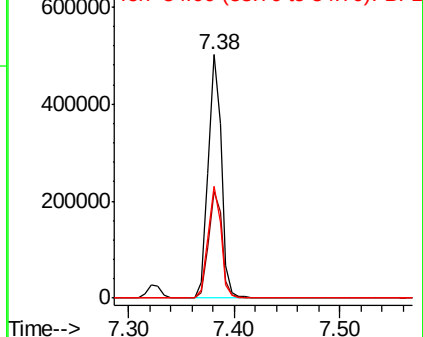
54 45.7 36.0 54.0

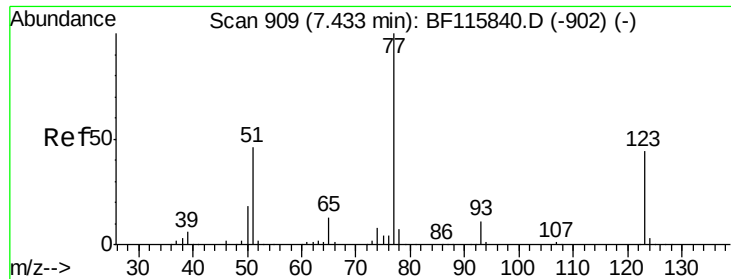


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

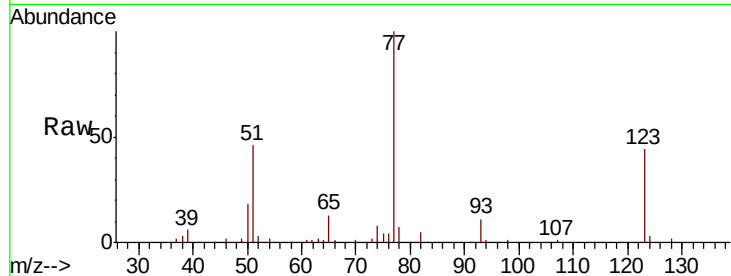




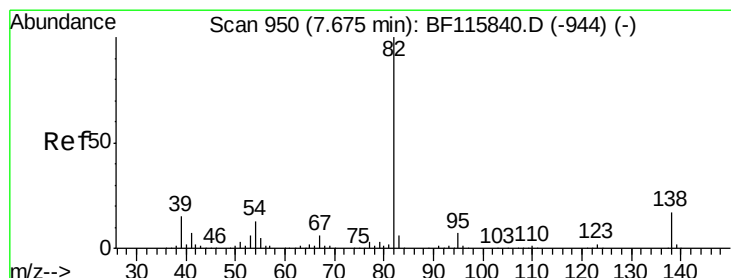
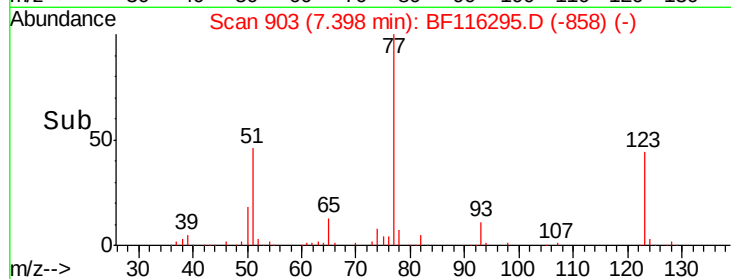
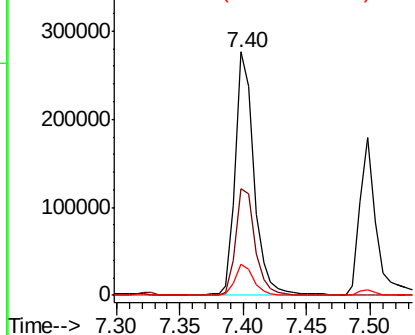
#24
Nitrobenzene
Concen: 44.572 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	43.7	36.7	55.1
65	12.9	10.6	16.0

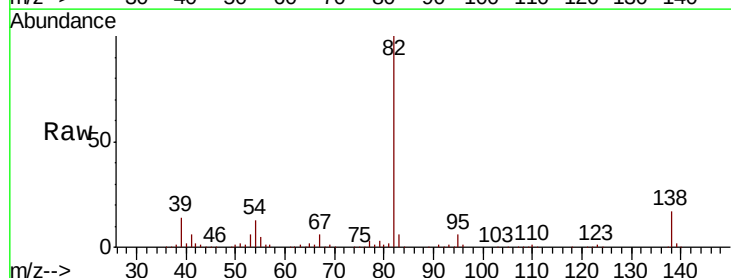


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

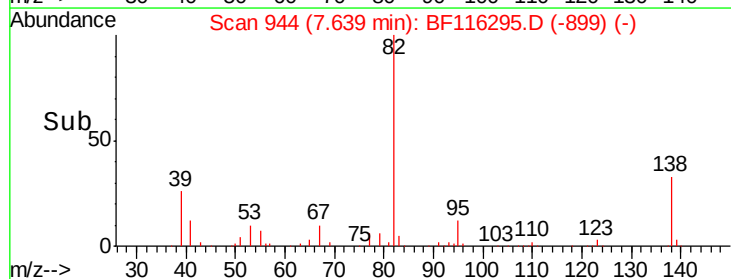
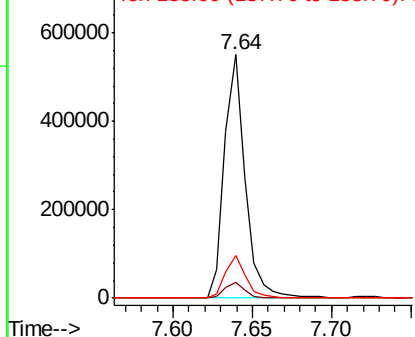


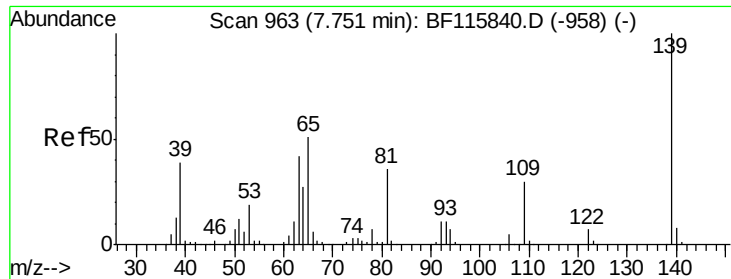
#25
Isophorone
Concen: 45.171 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.4	8.0
138	17.4	14.5	21.7



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

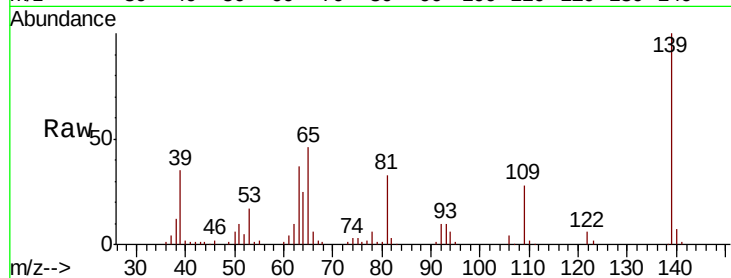




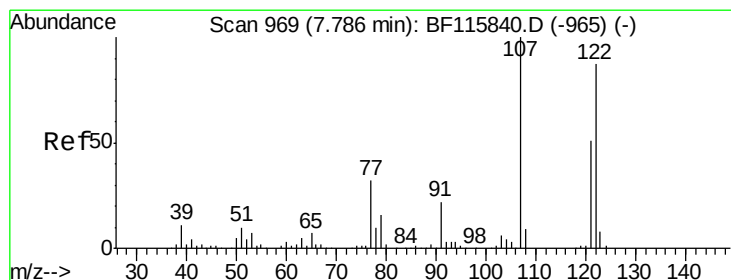
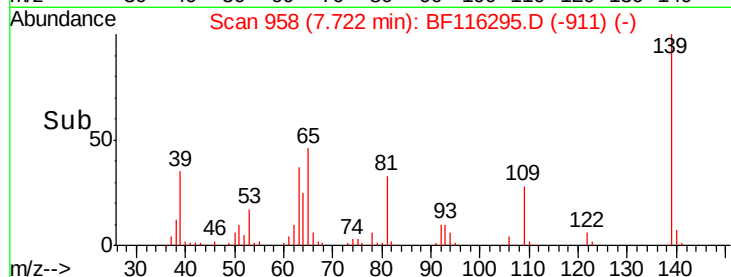
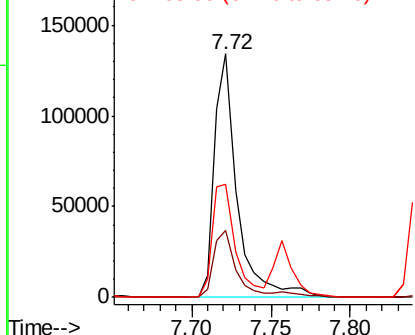
#26
2-Nitrophenol
Concen: 45.347 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	27.6	23.4	35.2
65	46.3	41.1	61.7

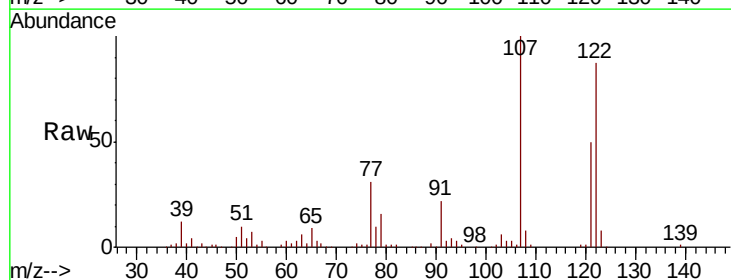


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

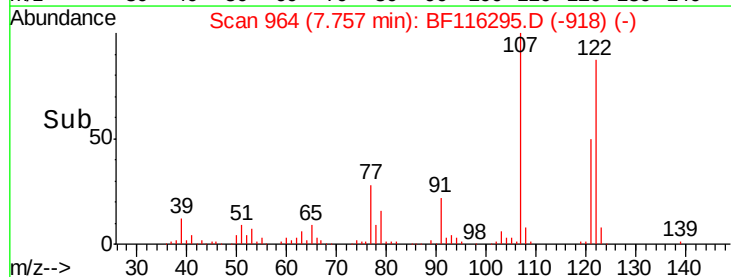
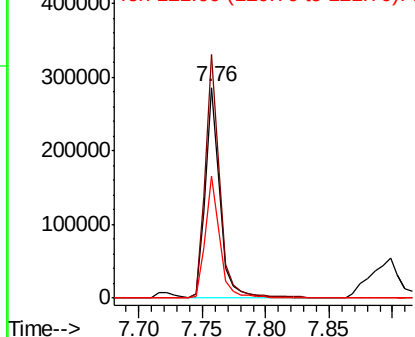


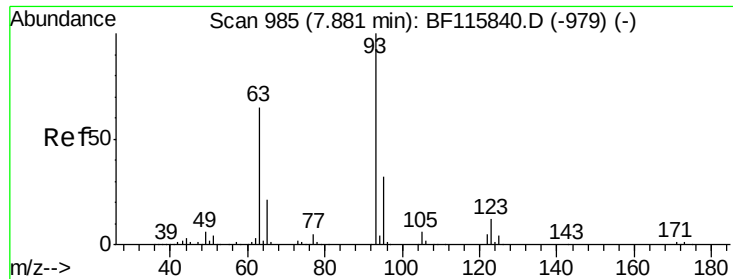
#27
2,4-Dimethylphenol
Concen: 50.779 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.4	93.0	139.6
121	57.8	47.6	71.4



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

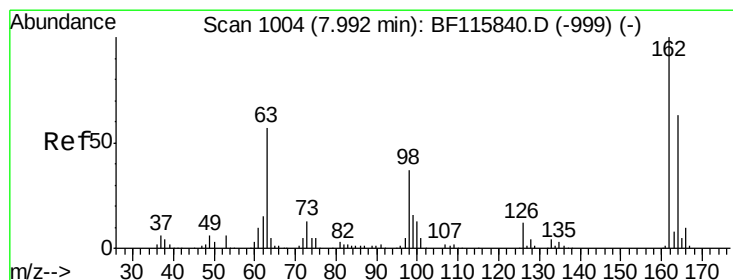
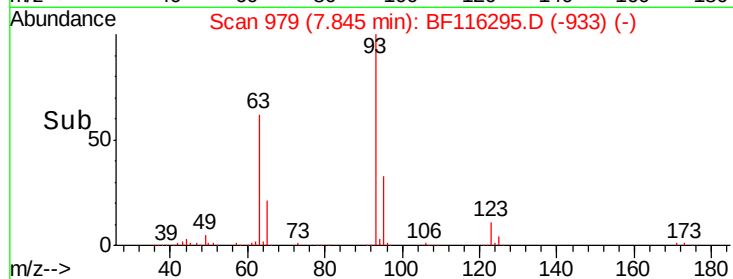
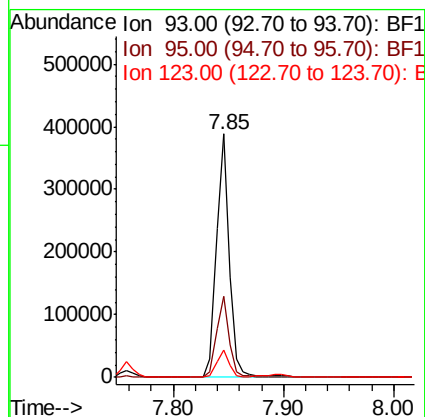
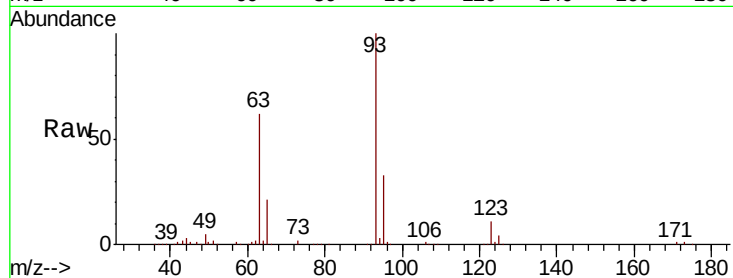




#28
bis(2-Chloroethoxy)methane
Concen: 44.937 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

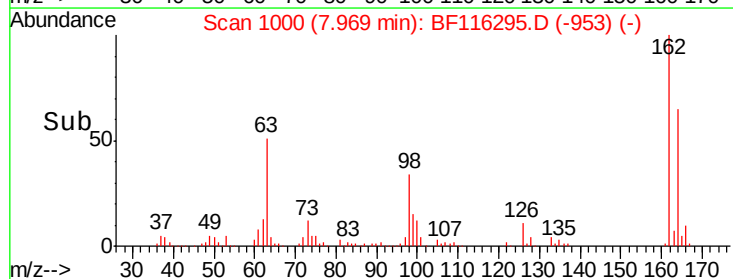
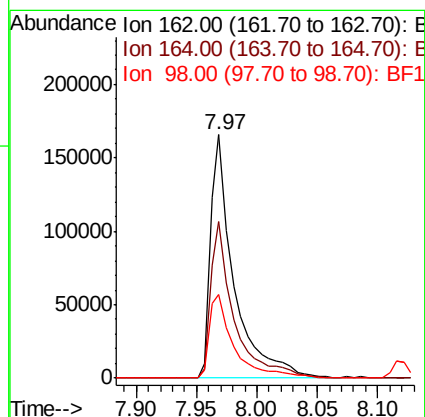
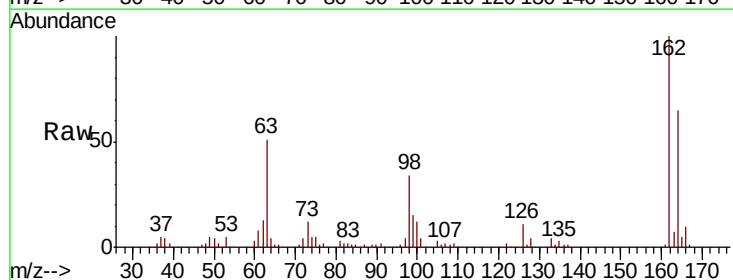
Instrument :
BNA_F
ClientSampled :

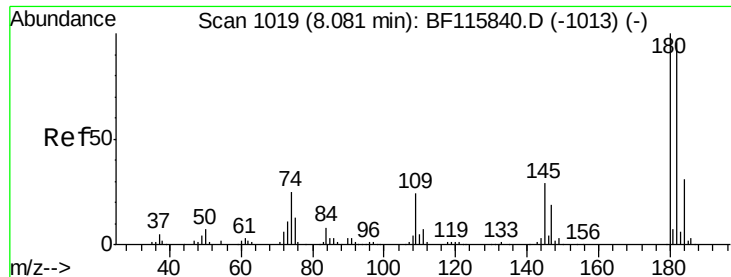
Tot Ion	93	Resp	309839
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.2	39.4
123	11.3	9.2	13.8



#29
2,4-Dichlorophenol
Concen: 46.858 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	162	Resp	220411
Ion Ratio	Lower	Upper	
162	100		
164	64.5	45.1	85.1
98	34.3	15.8	55.8

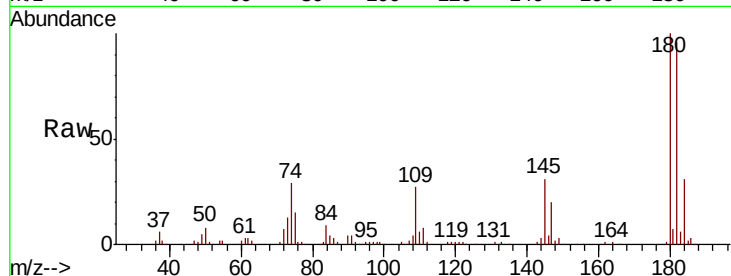




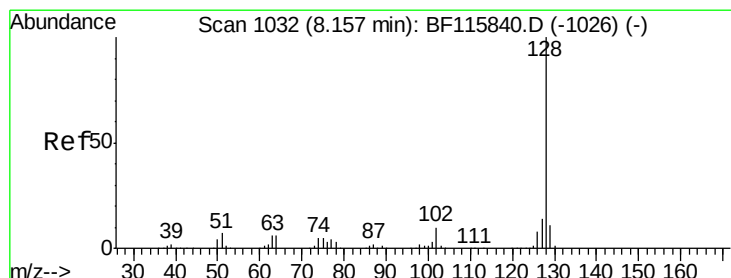
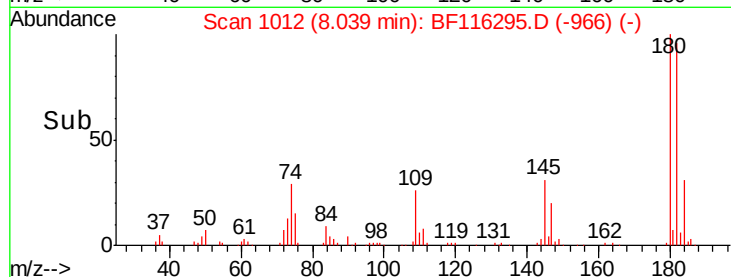
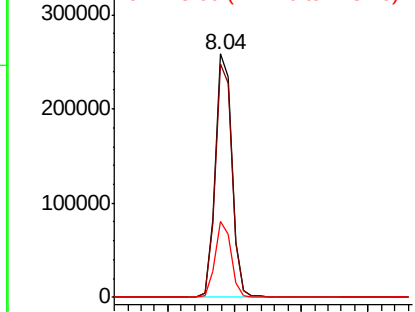
#30
 1,2,4-Trichlorobenzene
 Concen: 43.127 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 231241
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.7 113.5
 145 31.4 24.3 36.5

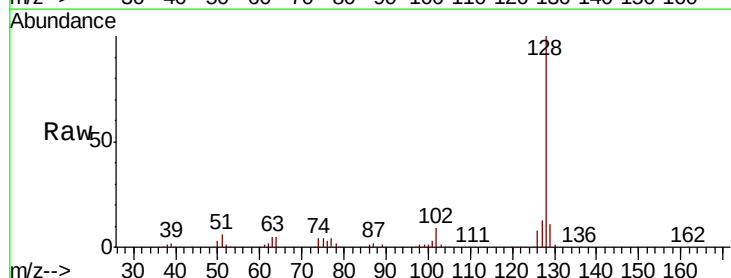


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

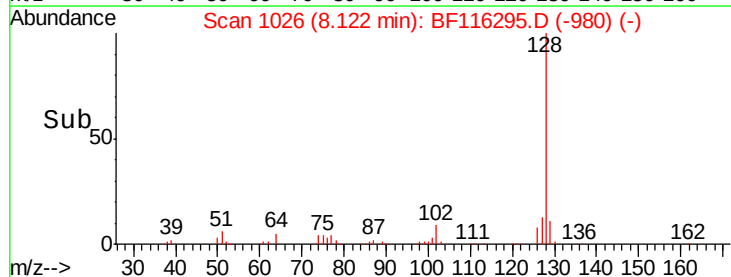
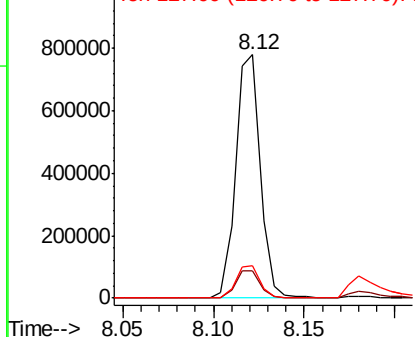


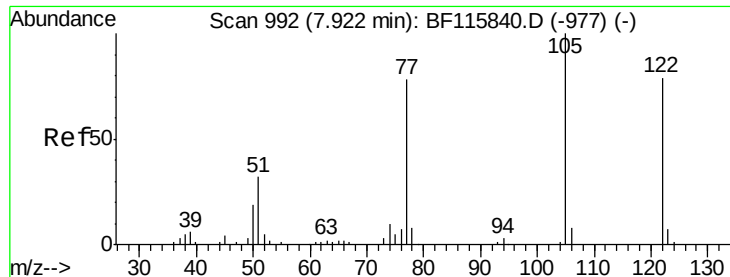
#31
 Naphthalene
 Concen: 46.615 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion:128 Resp: 736642
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.3 13.9
 127 13.2 11.4 17.0



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: 34.043 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

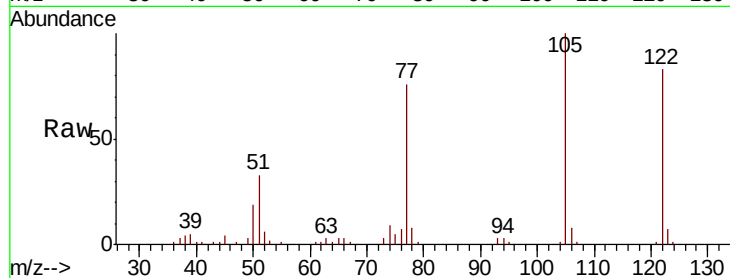
Tot Ion:122 Resp: 106924

Ion Ratio Lower Upper

122 100

105 120.5 106.1 146.1

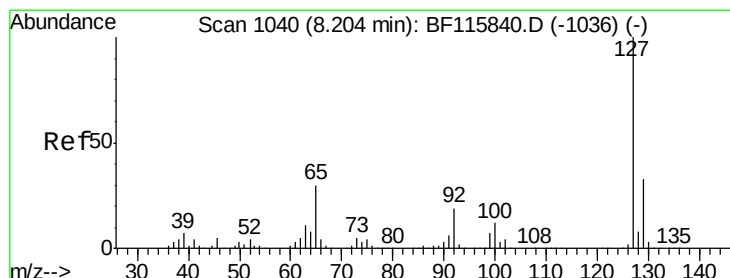
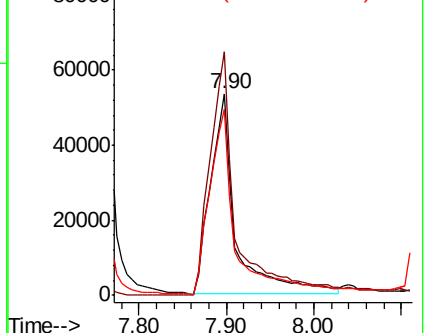
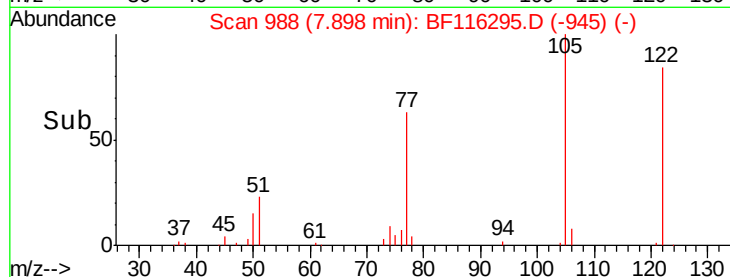
77 91.8 76.7 116.7



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: 13.796 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Tgt Ion:127 Resp: 97409

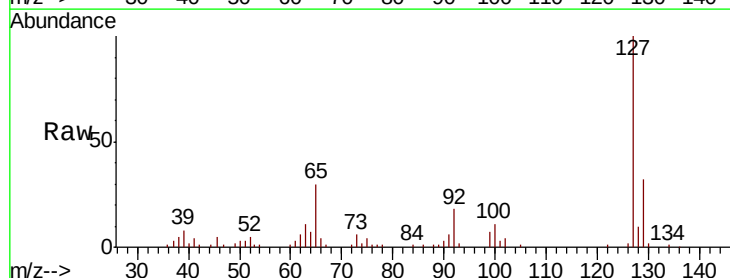
Ion Ratio Lower Upper

127 100

129 32.1 26.1 39.1

65 29.6 24.9 37.3

92 18.3 15.7 23.5

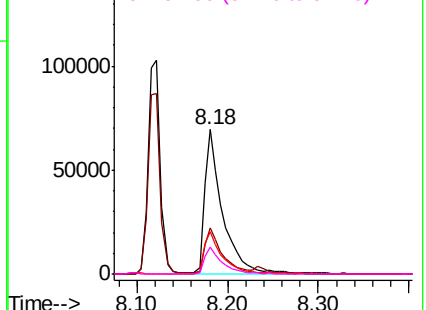
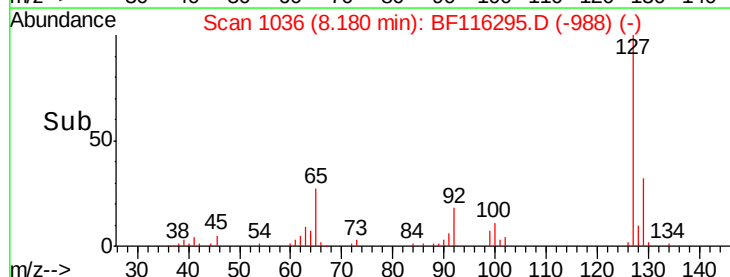


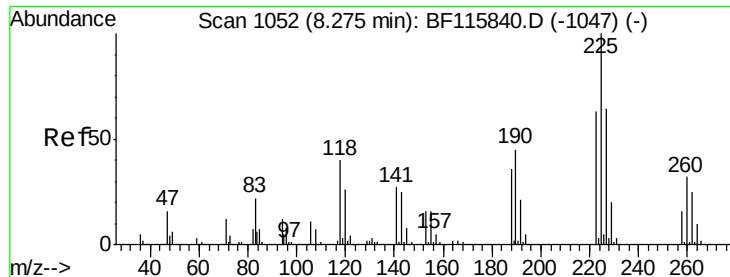
Abundance Ion 127.00 (126.70 to 127.70): E

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

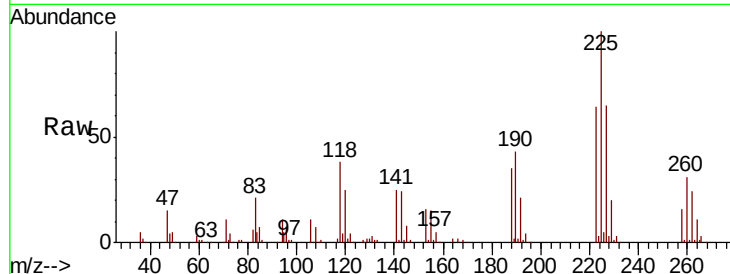




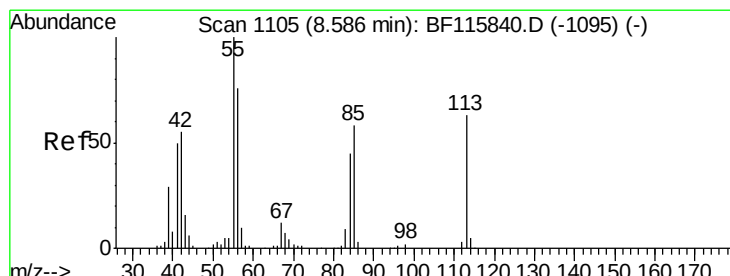
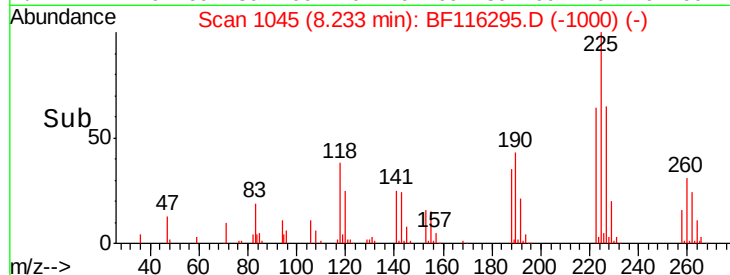
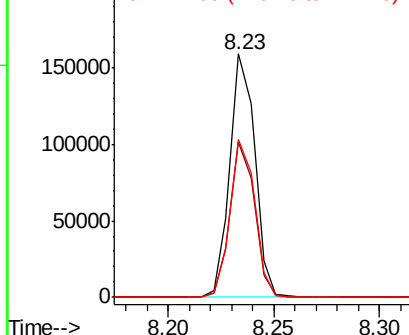
#34
 Hexachlorobutadiene
 Concen: 42.301 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	64.6	51.0	76.4

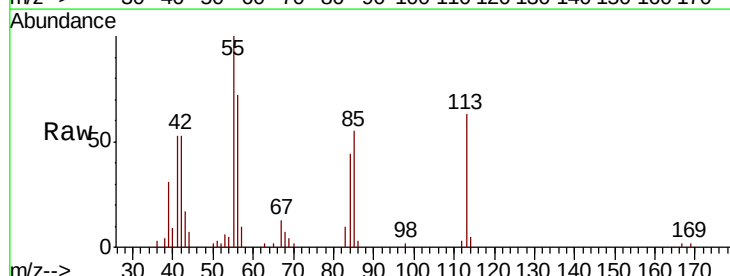


Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

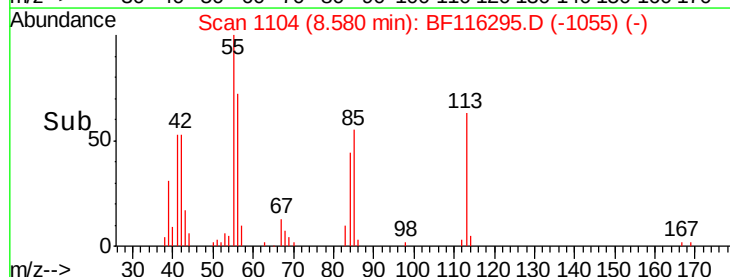
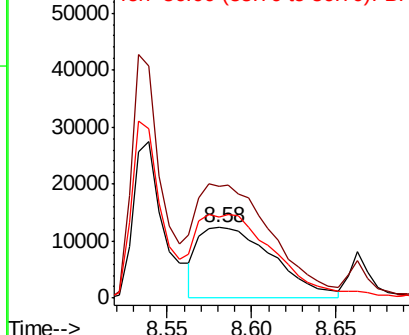


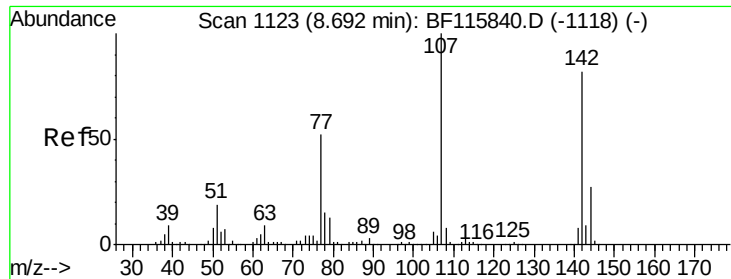
#35
 Caprolactam
 Concen: 25.277 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
113	100		
55	158.9	144.3	184.3
56	114.4	97.1	137.1



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

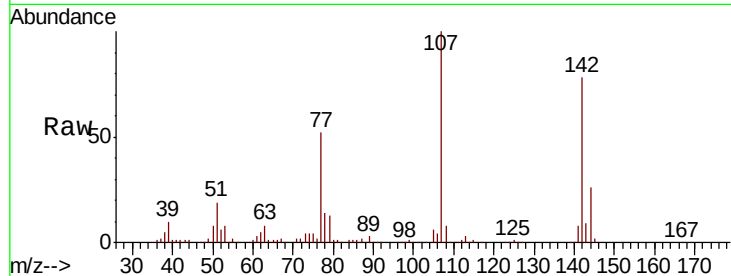




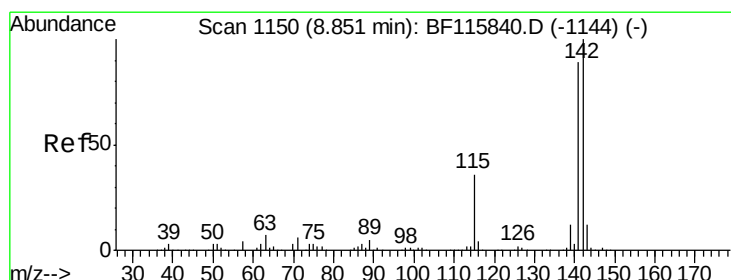
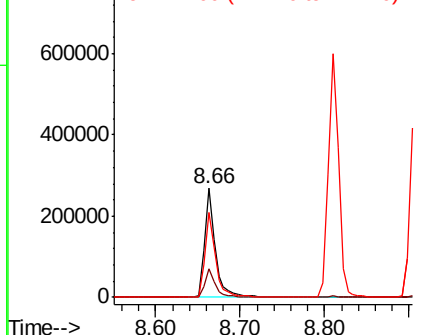
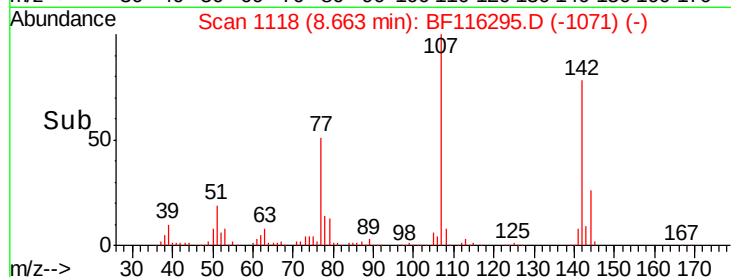
#36
4-Chloro-3-methylphenol
Concen: 47.989 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 234834
Ion Ratio Lower Upper
107 100
144 25.7 20.2 30.2
142 78.5 61.7 92.5

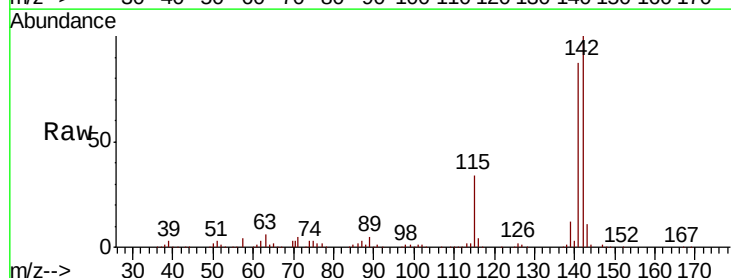


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

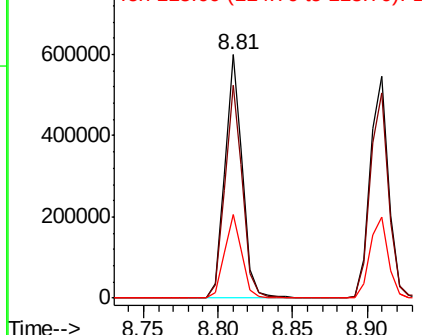
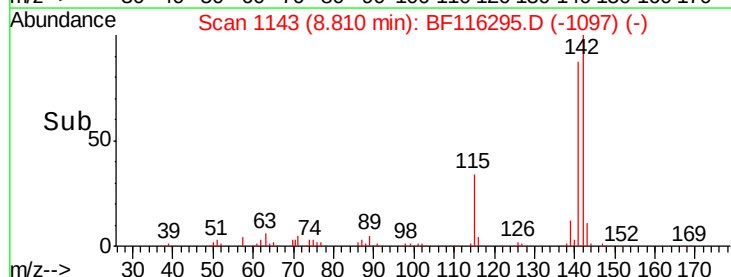


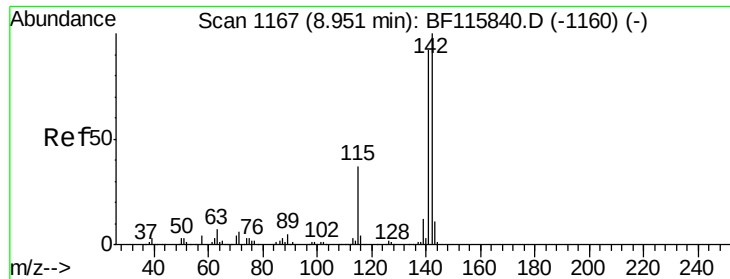
#37
2-Methylnaphthalene
Concen: 47.760 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion:142 Resp: 497059
Ion Ratio Lower Upper
142 100
141 87.4 70.9 106.3
115 34.4 29.0 43.6



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

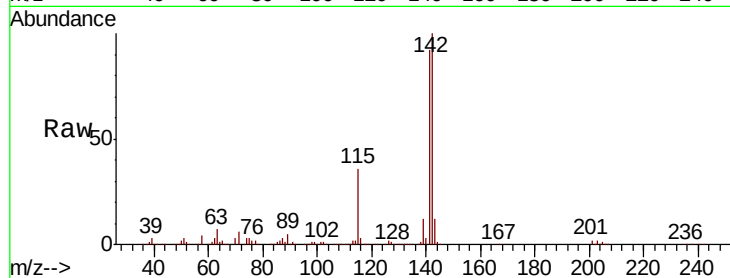




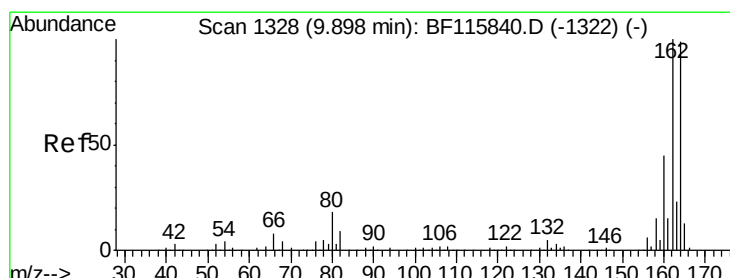
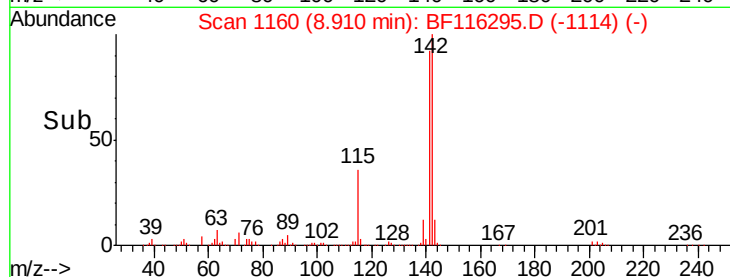
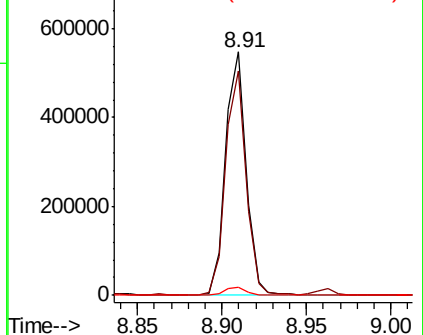
#38
1-Methylnaphthalene
Concen: 46.937 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 462136
Ion Ratio Lower Upper
142 100
141 92.2 74.4 111.6
116 3.5 3.1 4.7

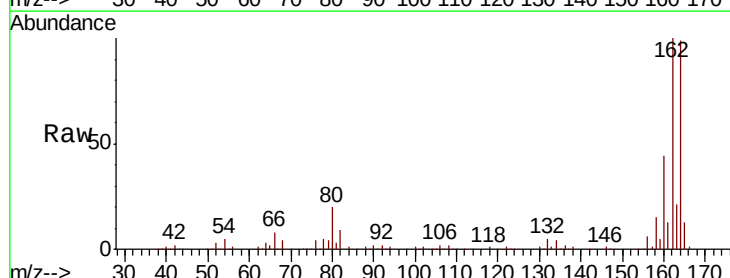


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

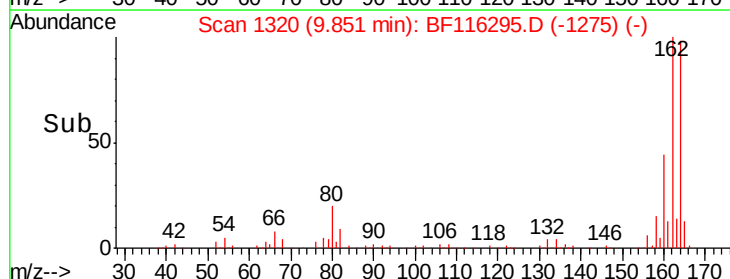
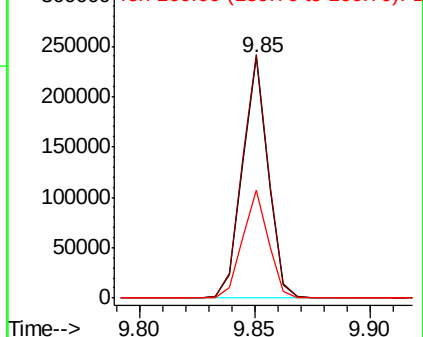


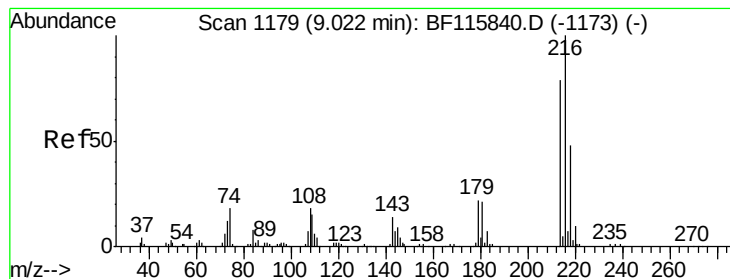
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion:164 Resp: 185928
Ion Ratio Lower Upper
164 100
162 101.1 82.6 124.0
160 44.6 37.6 56.4



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: 45.359 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 225460

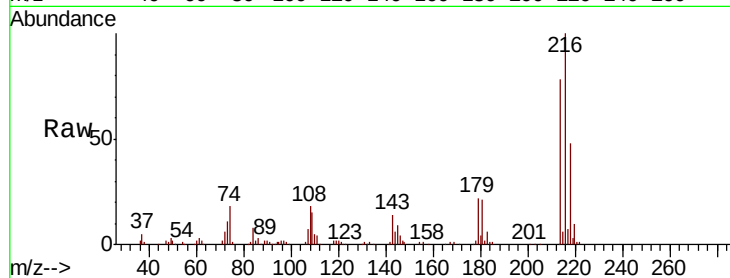
Ion Ratio Lower Upper

216 100

214 78.8 63.6 95.4

179 21.7 17.8 26.8

108 20.0 16.5 24.7

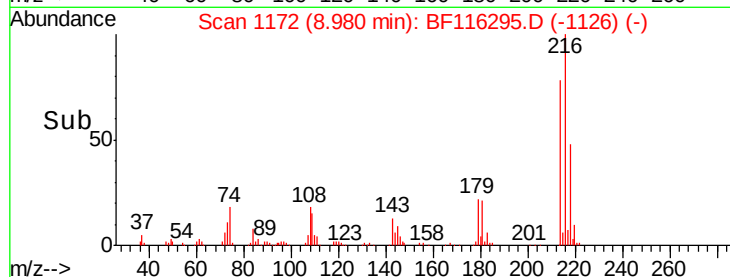


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

8.98

400000

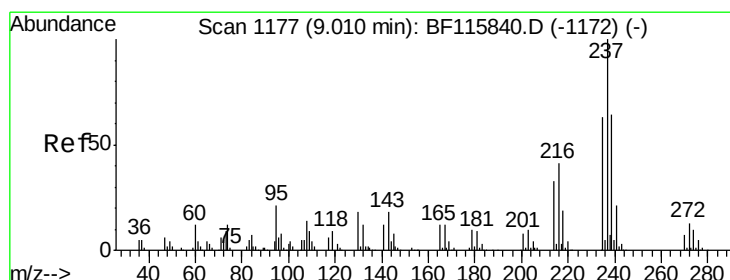
300000

200000

100000

0

Time-->



#41

Hexachlorocyclopentadiene

Concen: 39.912 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

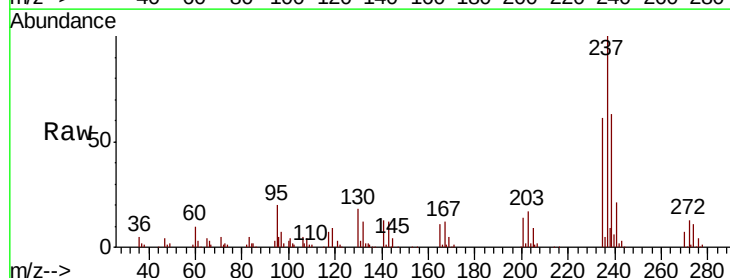
Tgt Ion:237 Resp: 81910

Ion Ratio Lower Upper

237 100

235 61.0 43.4 83.4

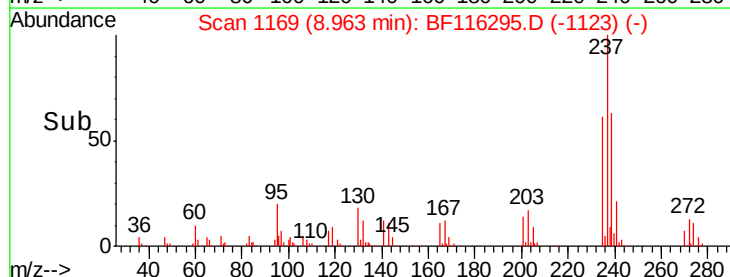
272 13.2 0.0 33.2



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



Abundance

8.96

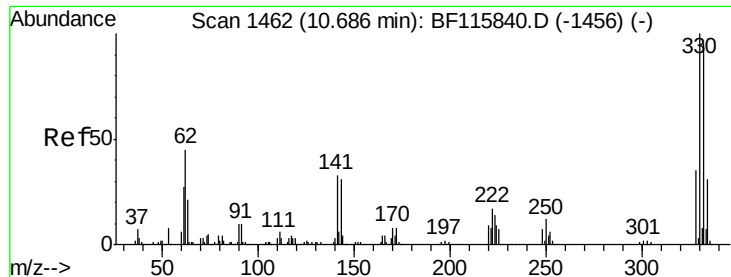
150000

100000

50000

0

Time-->



#42

2,4,6-Tribromophenol

Concen: 116.237 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

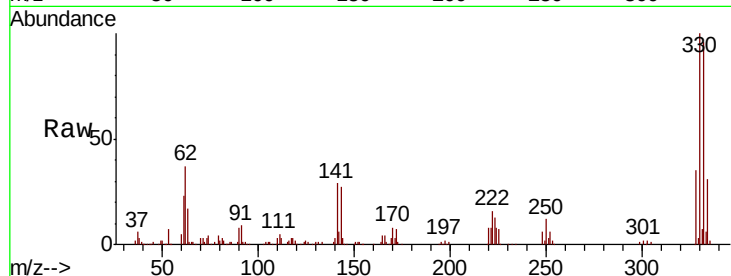
Tot Ion:330 Resp: 209531

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

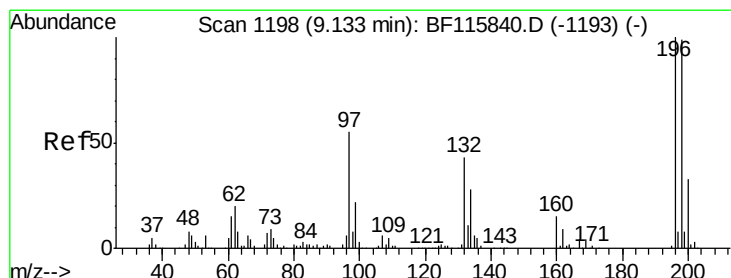
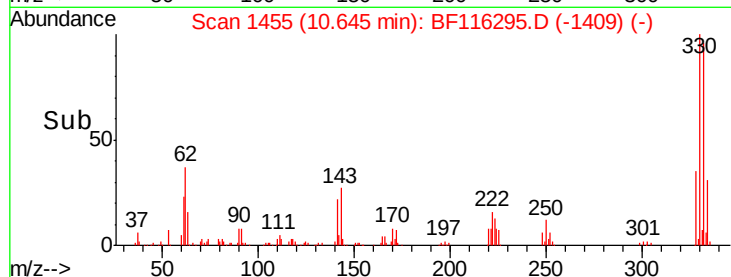
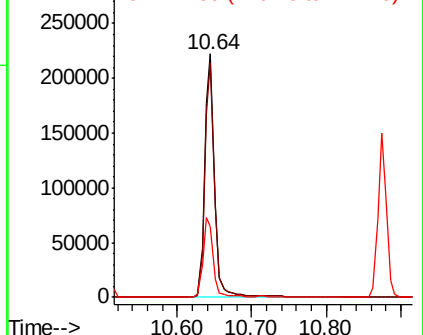
141 33.5 26.3 39.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 42.199 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

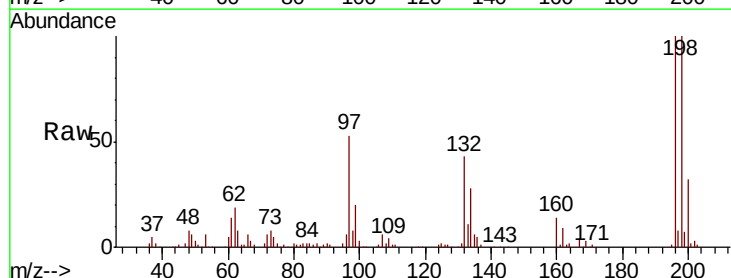
Tgt Ion:196 Resp: 144376

Ion Ratio Lower Upper

196 100

198 100.2 79.2 118.8

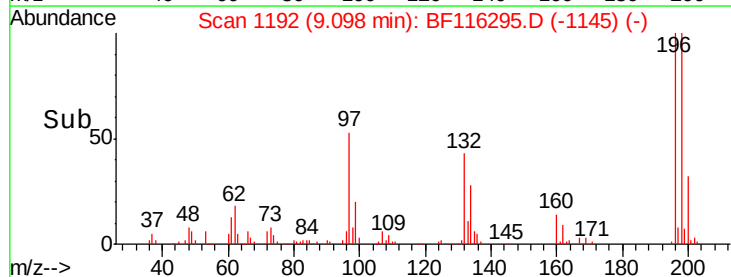
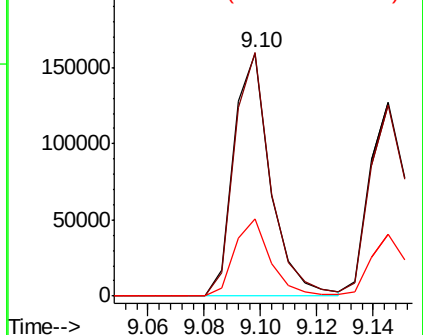
200 32.0 25.2 37.8

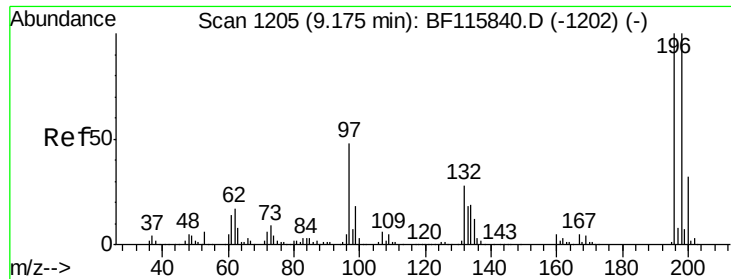


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

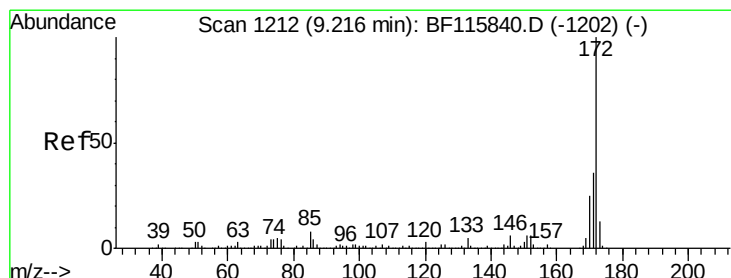
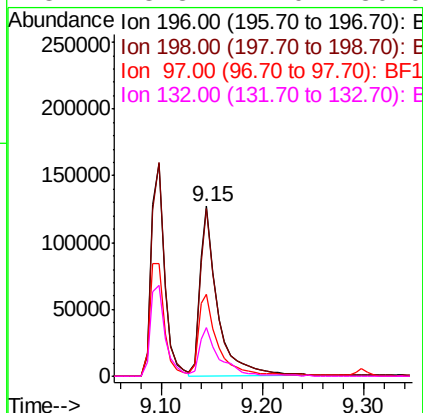
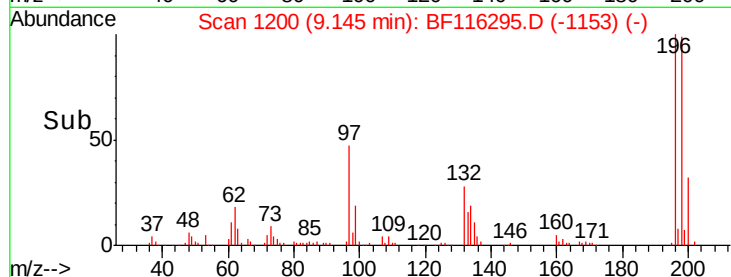
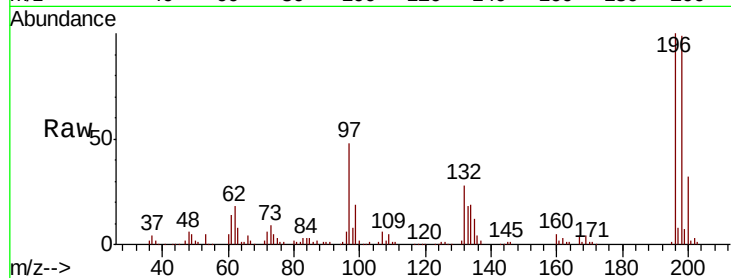




#44
 2,4,5-Trichlorophenol
 Concen: 43.624 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

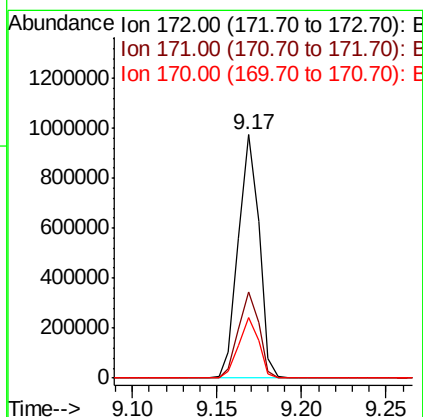
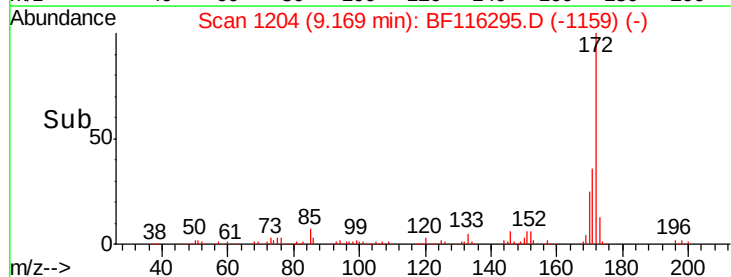
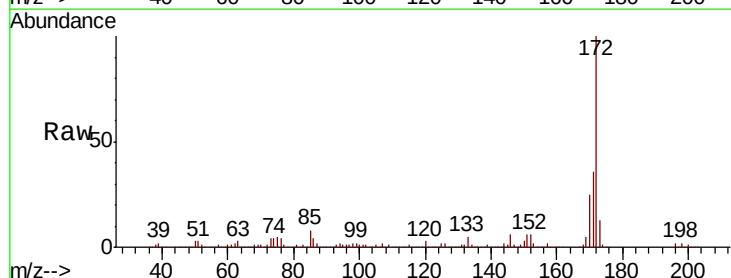
Instrument :
 BNA_F
 ClientSampleId :

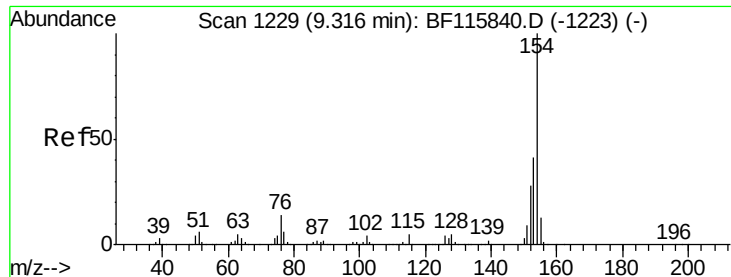
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.8	118.2
97	48.2	42.2	63.4
132	28.3	24.0	36.0



#45
 2-Fluorobiphenyl
 Concen: 84.058 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	25.1	20.1	30.1





#46

1,1'-Biphenyl

Concen: 46.728 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

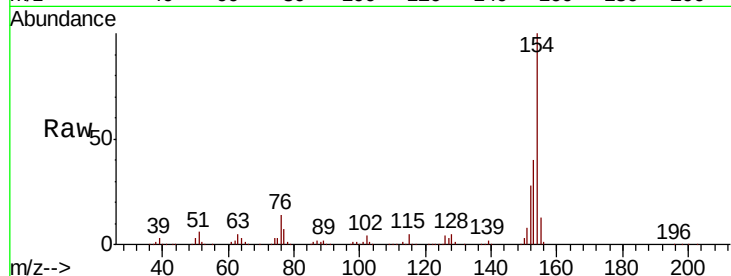
Tot Ion:154 Resp: 613368

Ion Ratio Lower Upper

154 100

153 39.8 21.4 61.4

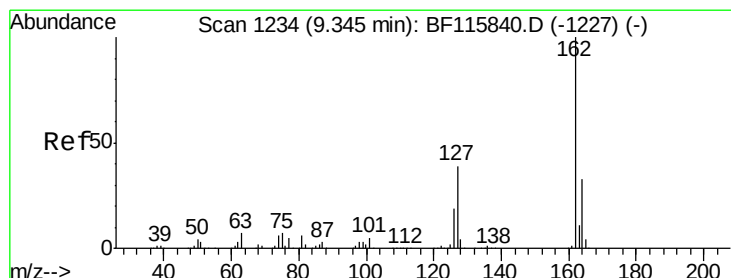
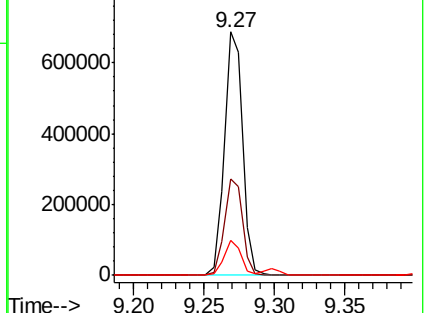
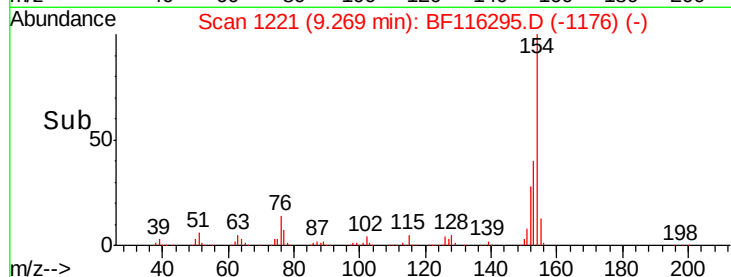
76 14.3 0.0 35.2



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: 43.339 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

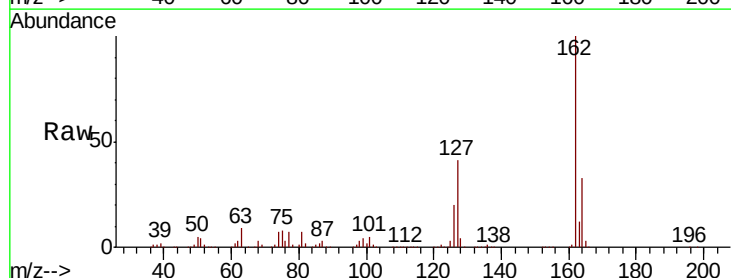
Tgt Ion:162 Resp: 473479

Ion Ratio Lower Upper

162 100

127 40.9 32.8 49.2

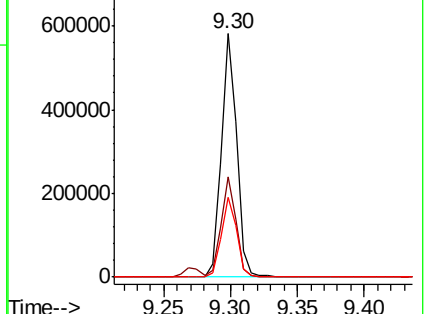
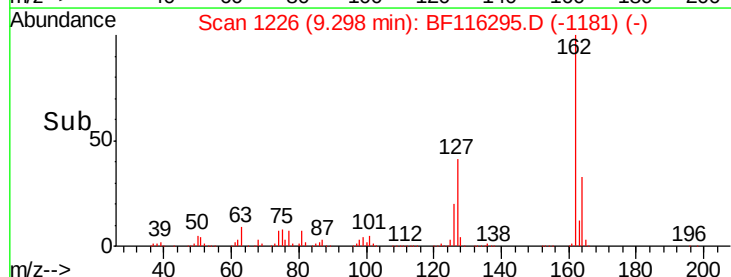
164 33.0 26.6 39.8

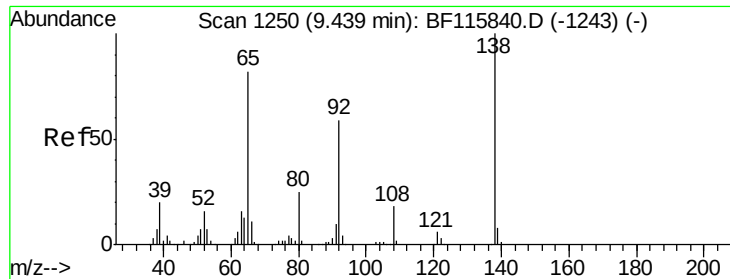


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

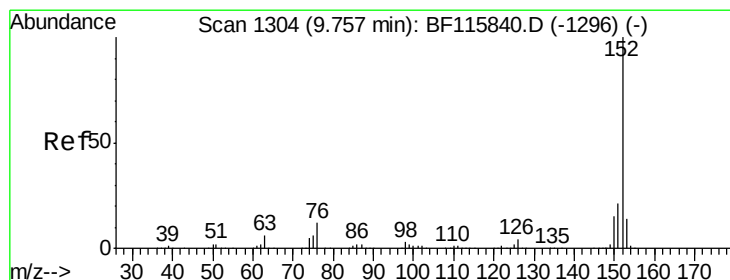
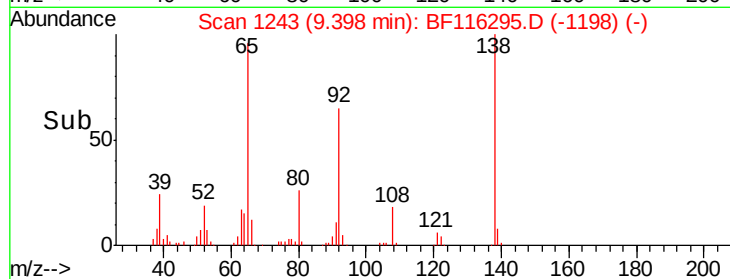
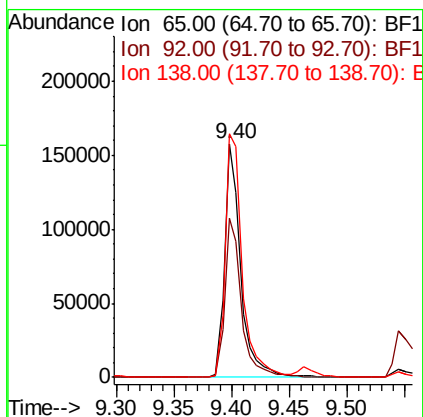
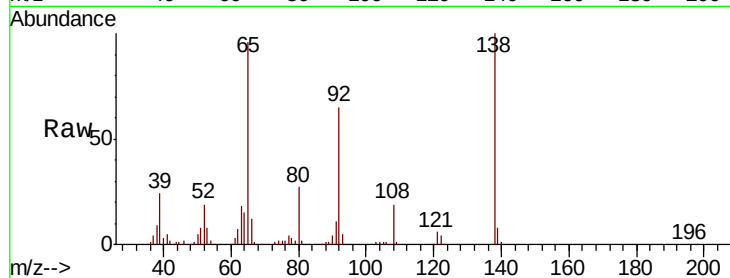




#48
2-Nitroaniline
Concen: 42.392 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

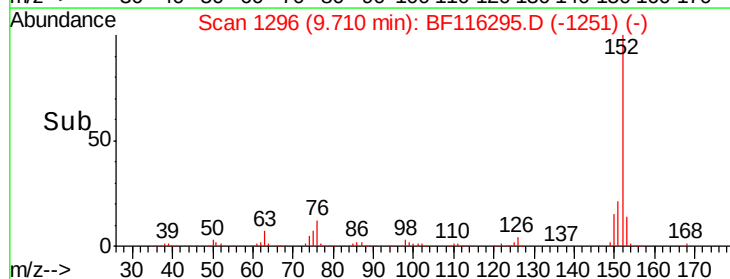
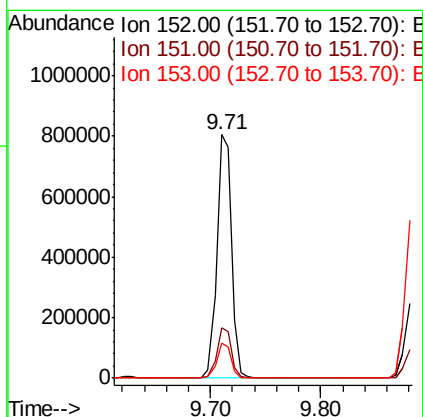
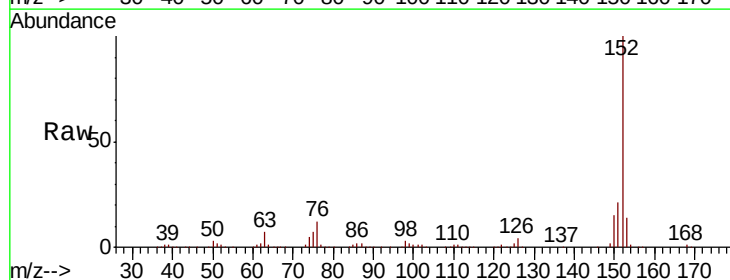
Instrument :
BNA_F
ClientSampleId :

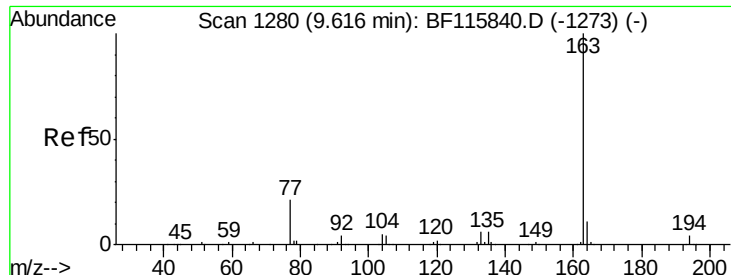
Tot Ion	Ratio	Lower	Upper
65	100		
92	68.2	57.8	86.8
138	104.3	94.0	141.0



#49
Acenaphthylene
Concen: 46.423 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	14.4	11.8	17.8

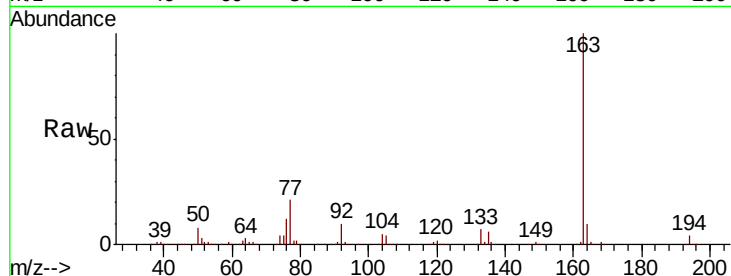




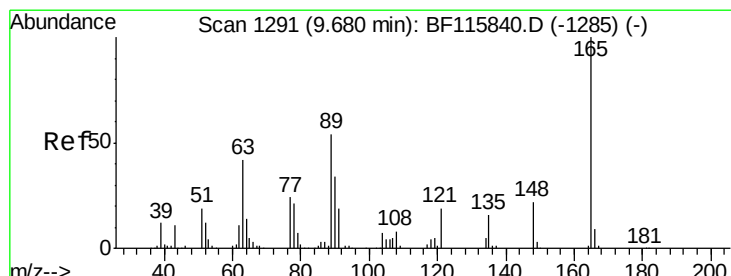
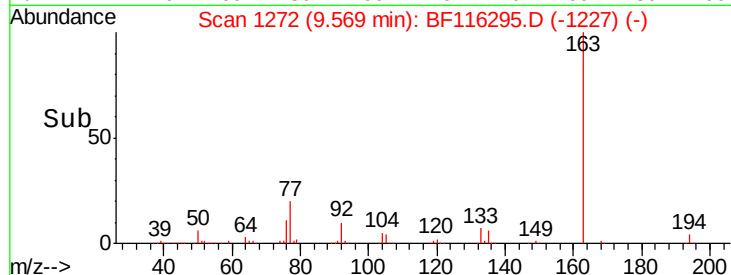
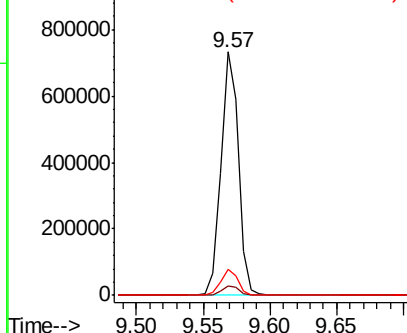
#50
Dimethylphthalate
Concen: 53.676 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.5	8.4	12.6

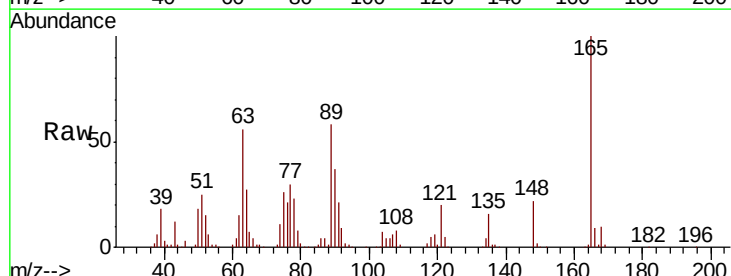


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

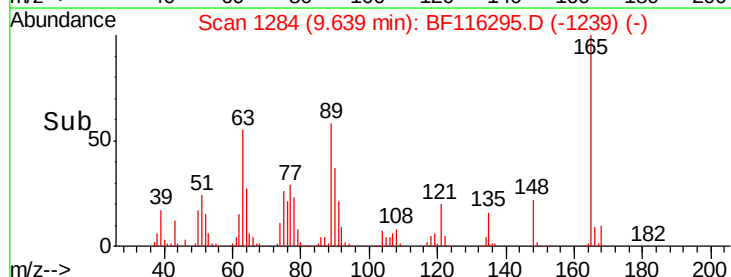
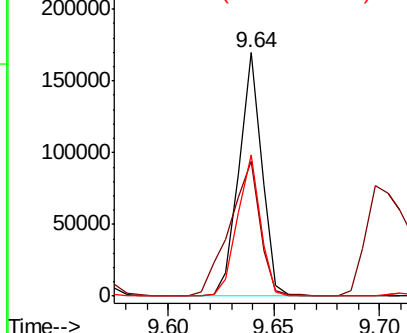


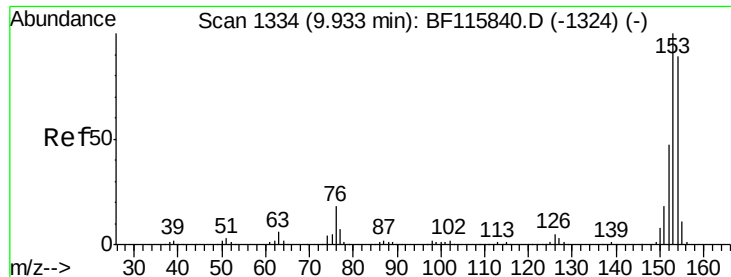
#51
2,6-Dinitrotoluene
Concen: 46.036 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.6	38.2	57.2
89	58.1	42.9	64.3



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

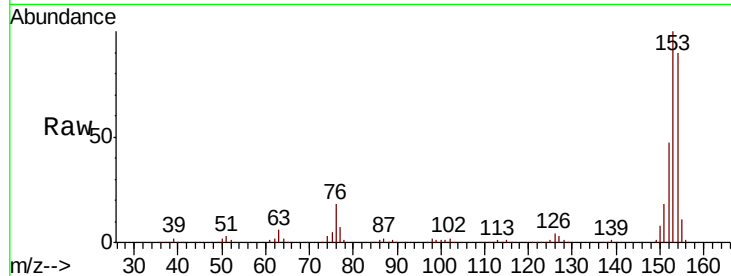




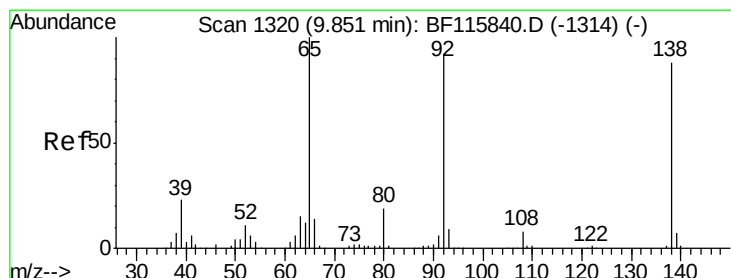
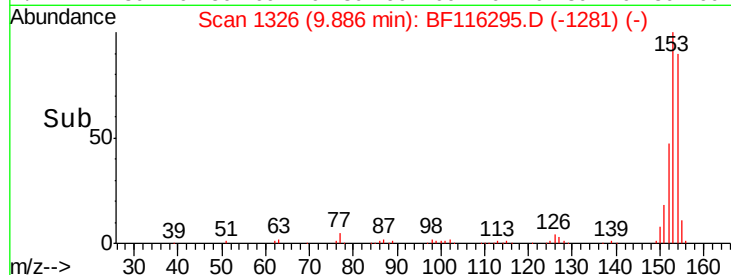
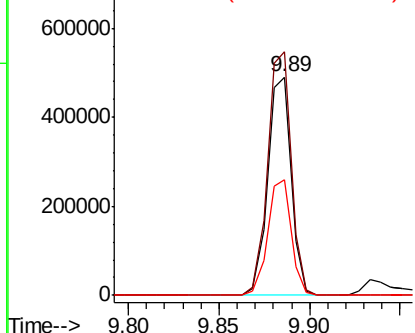
#52
Acenaphthene
Concen: 45.518 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 445086
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.0
152 52.7 42.3 63.5

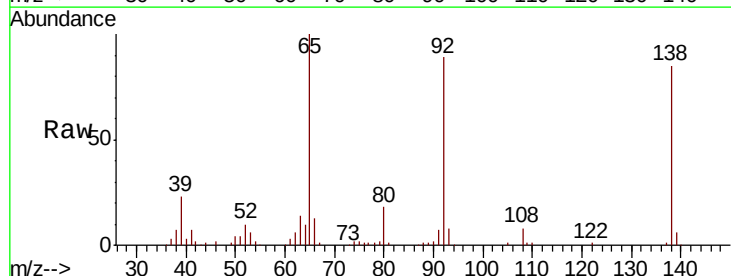


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

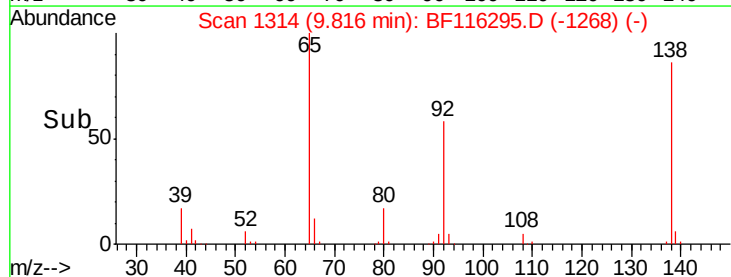
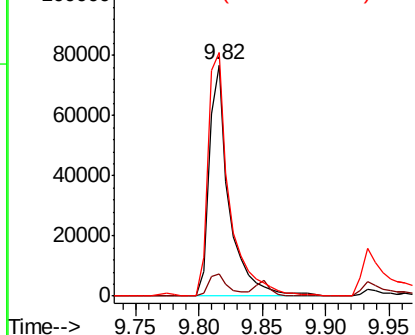


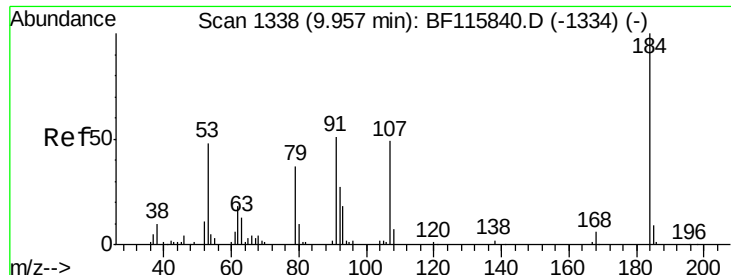
#53
3-Nitroaniline
Concen: 24.873 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion:138 Resp: 84553
Ion Ratio Lower Upper
138 100
108 9.4 8.0 12.0
92 105.3 91.0 136.6



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

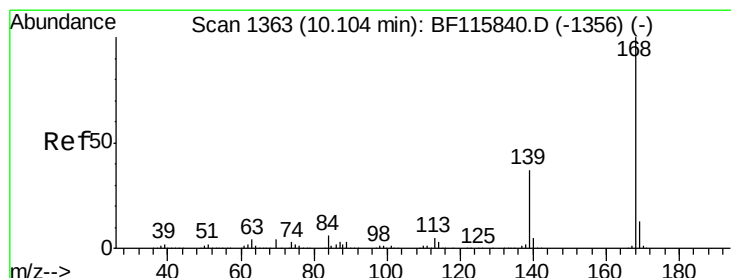
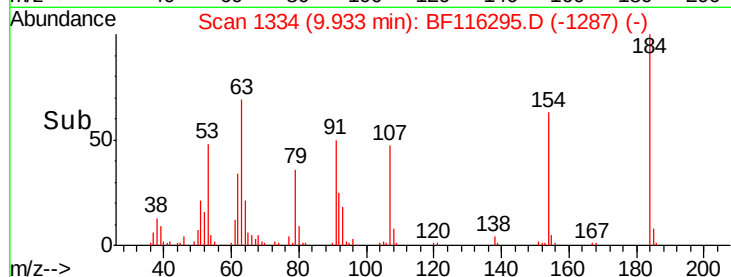
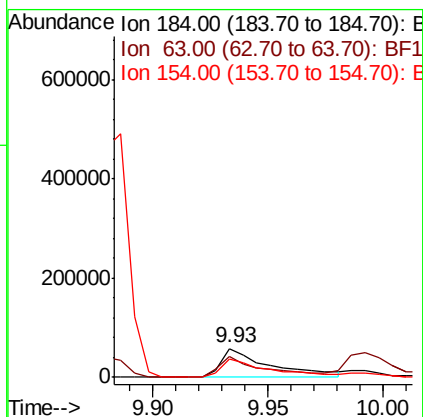
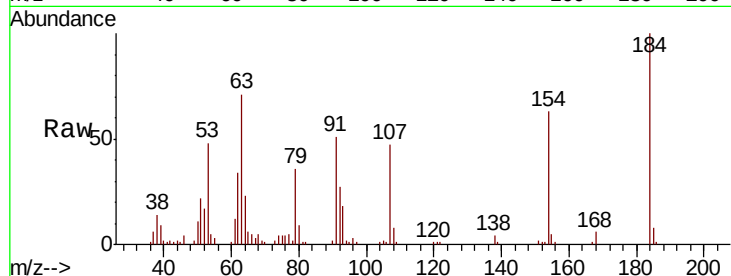




#54
2,4-Dinitrophenol
Concen: 62.348 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

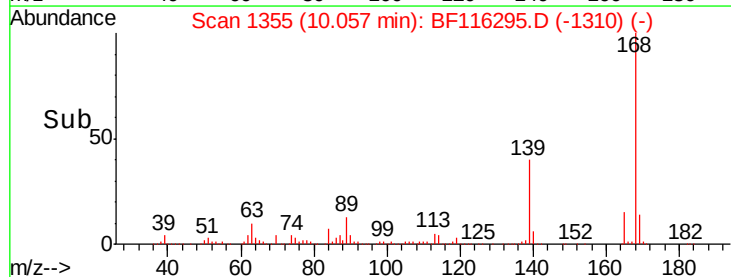
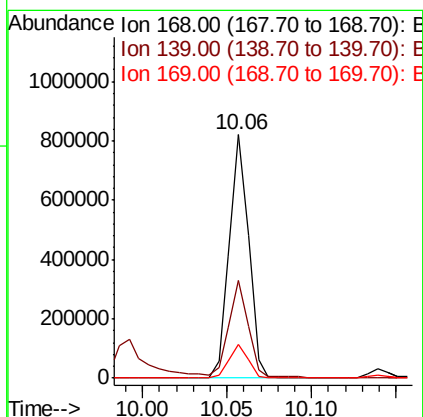
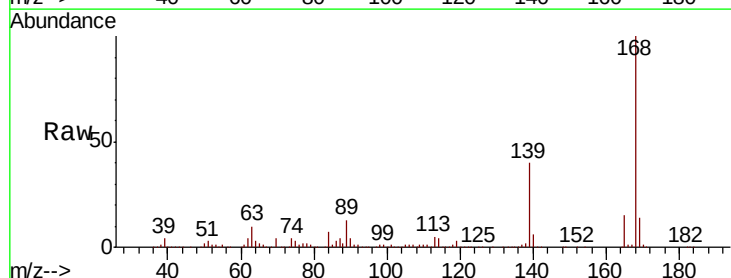
Instrument :
BNA_F
ClientSampleId :

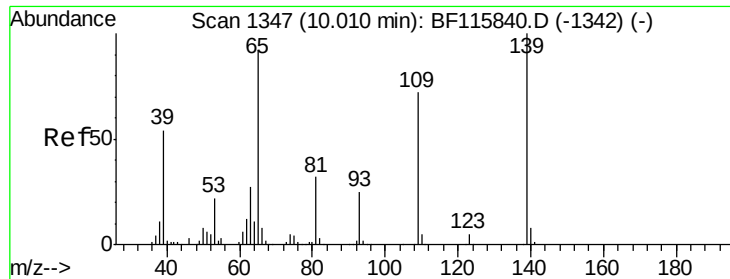
Tot Ion:184 Resp: 84569
Ion Ratio Lower Upper
184 100
63 71.2 53.0 79.4
154 62.7 50.1 75.1



#55
Dibenzofuran
Concen: 46.036 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion:168 Resp: 654623
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.2
169 13.8 10.9 16.3

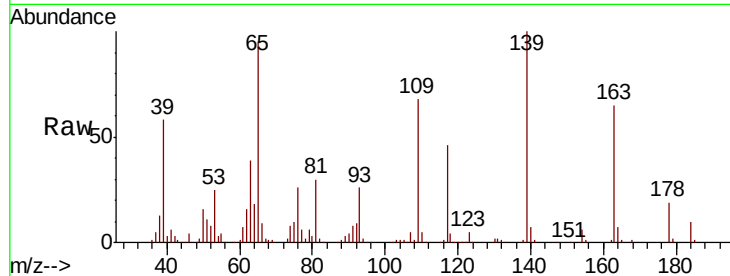




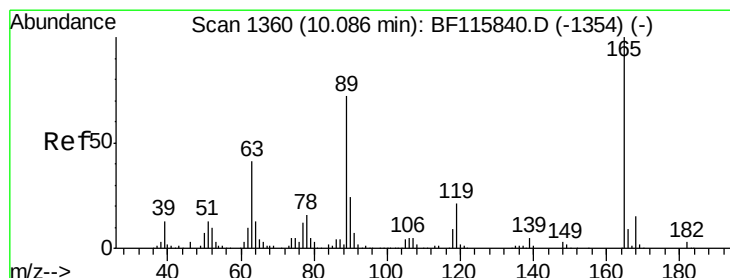
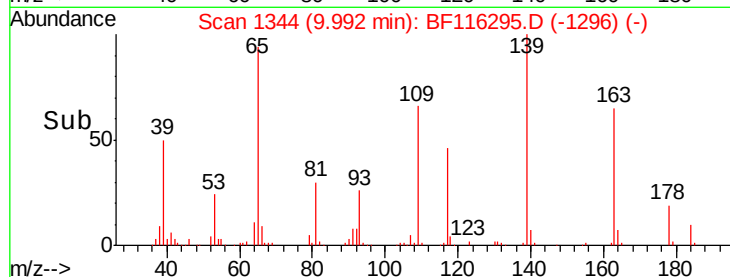
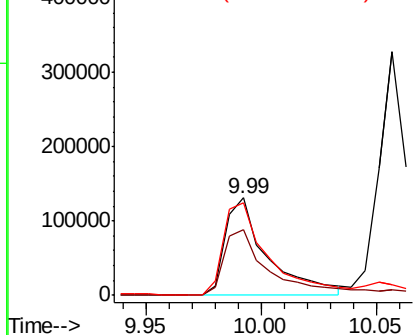
#56
4-Nitrophenol
Concen: 75.868 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 165214
Ion Ratio Lower Upper
139 100
109 67.8 54.4 94.4
65 94.6 80.6 120.6

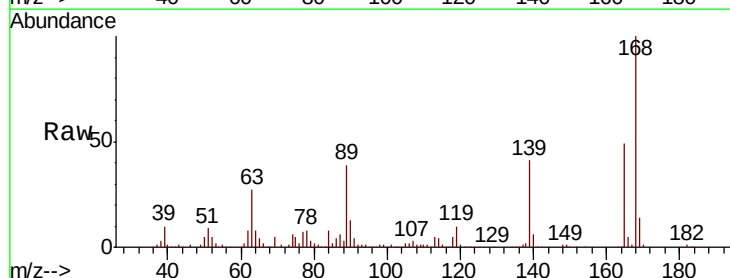


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

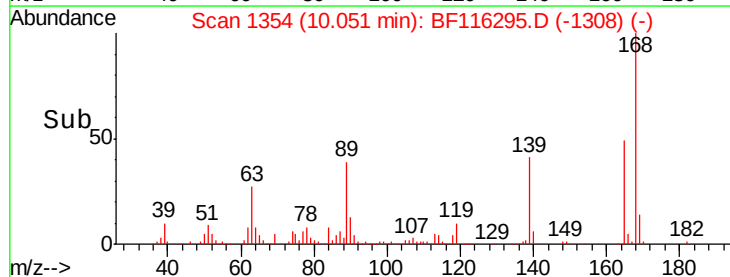
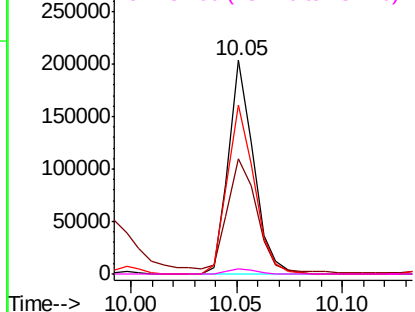


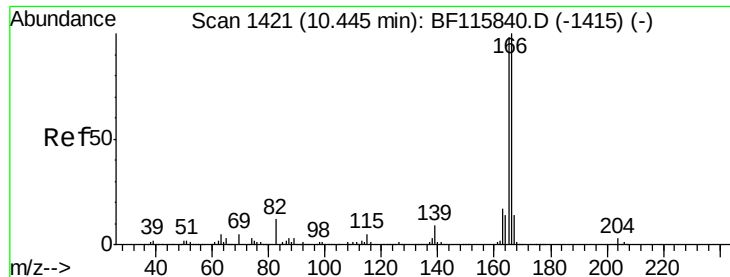
#57
2,4-Dinitrotoluene
Concen: 45.712 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion:165 Resp: 167441
Ion Ratio Lower Upper
165 100
63 54.0 39.6 59.4
89 78.9 62.2 93.2
182 2.5 2.1 3.1



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

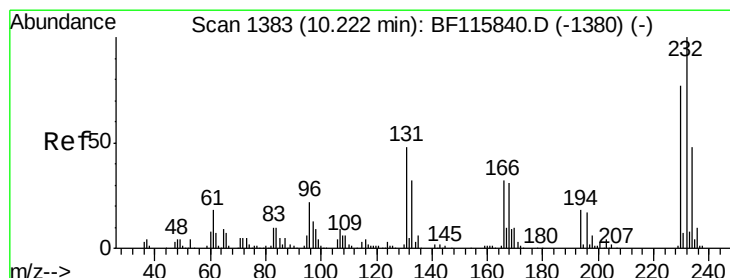
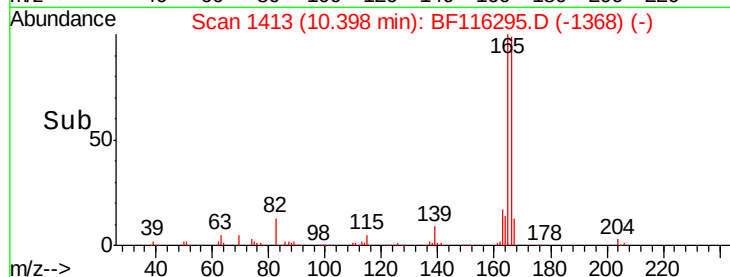
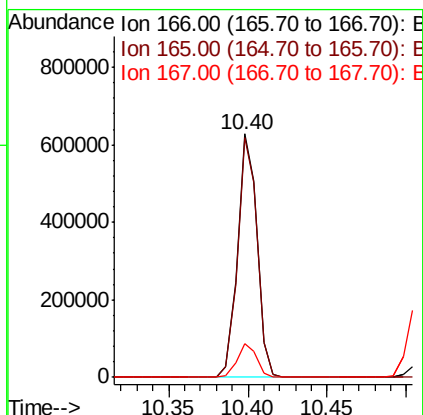
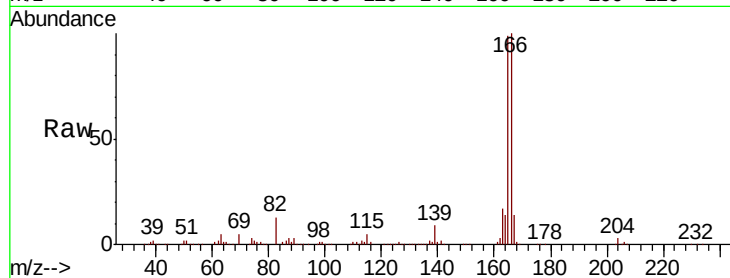




#58
 Fluorene
 Concen: 48.954 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

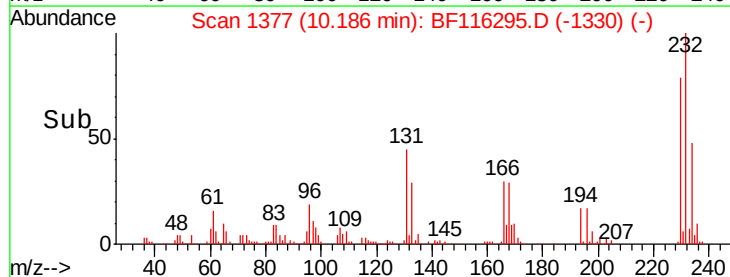
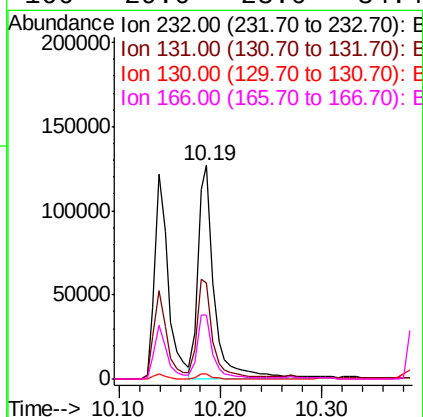
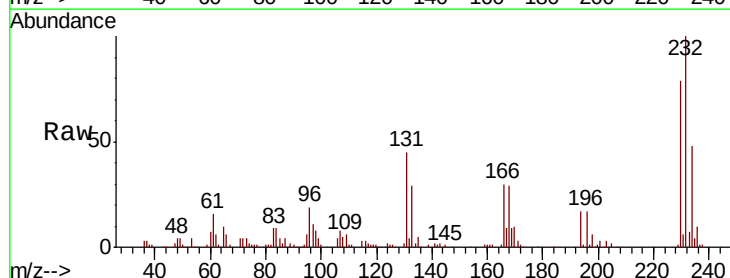
Instrument :
 BNA_F
 ClientSampleId :

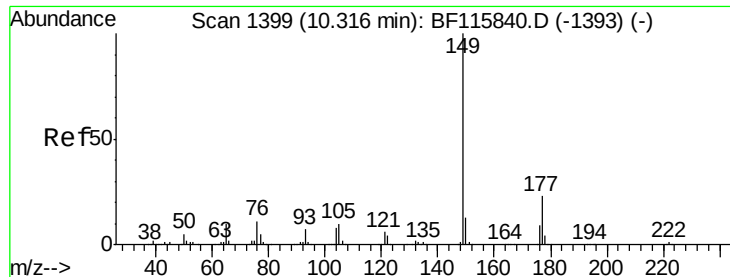
Tot Ion:166 Resp: 535582
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.4 117.6
 167 13.7 11.0 16.4



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.501 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion:232 Resp: 138361
 Ion Ratio Lower Upper
 232 100
 131 44.3 36.2 54.2
 130 2.1 1.9 2.9
 166 29.0 23.0 34.4





#60

Diethylphthalate

Concen: 48.189 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

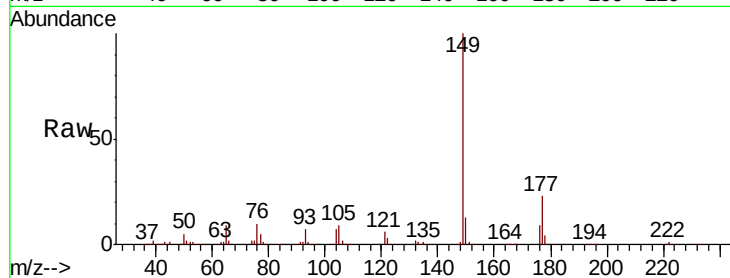
Tot Ion:149 Resp: 569567

Ion Ratio Lower Upper

149 100

177 22.7 18.8 28.2

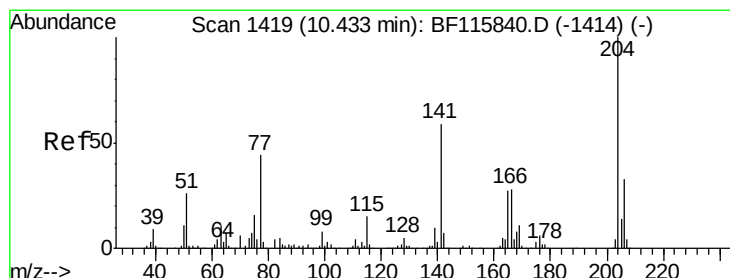
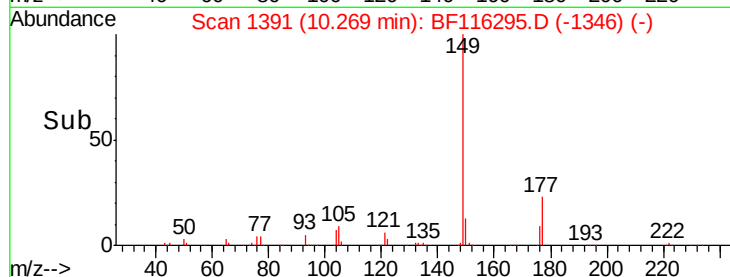
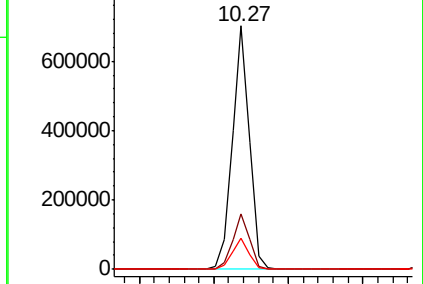
150 12.9 10.2 15.4



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: 48.168 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

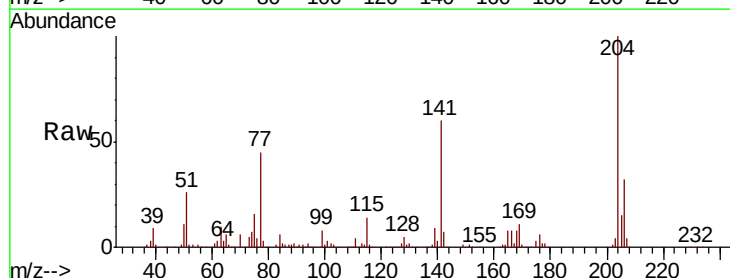
Tgt Ion:204 Resp: 266889

Ion Ratio Lower Upper

204 100

206 32.0 26.4 39.6

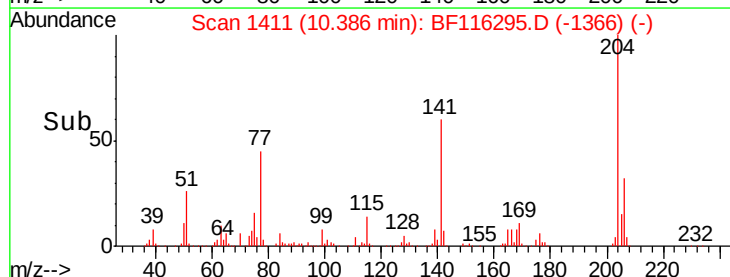
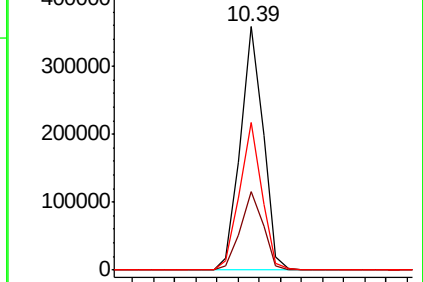
141 60.4 46.4 69.6

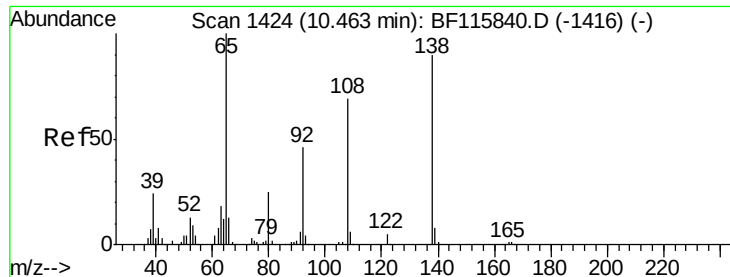


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

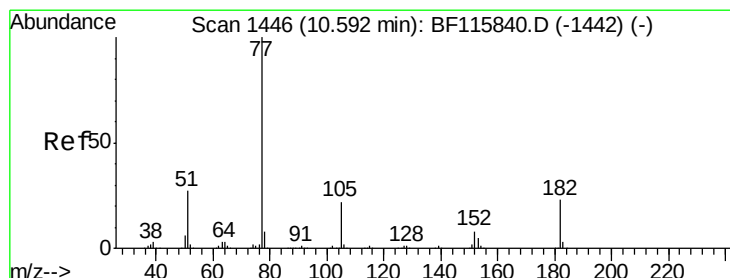
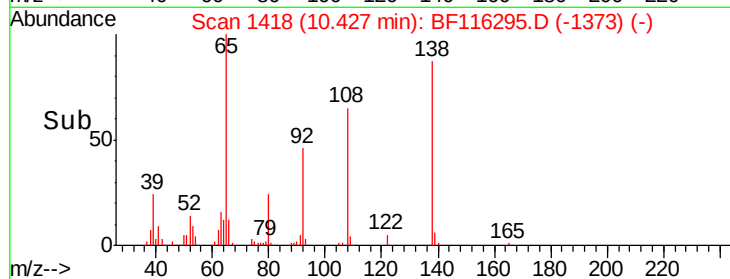
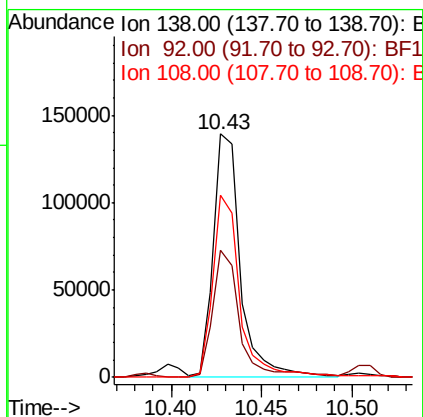
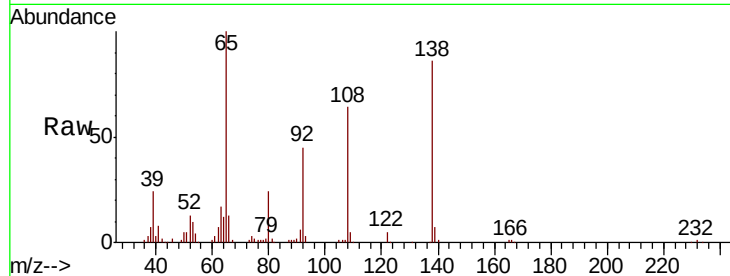




#62
4-Nitroaniline
Concen: 41.523 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

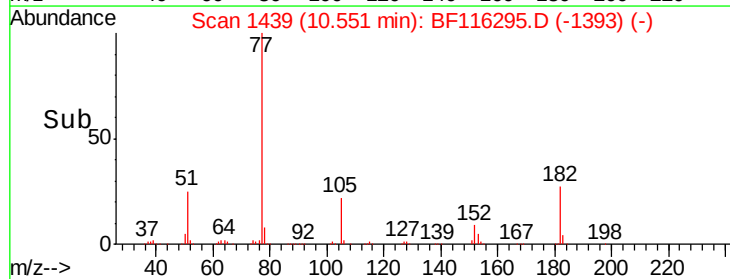
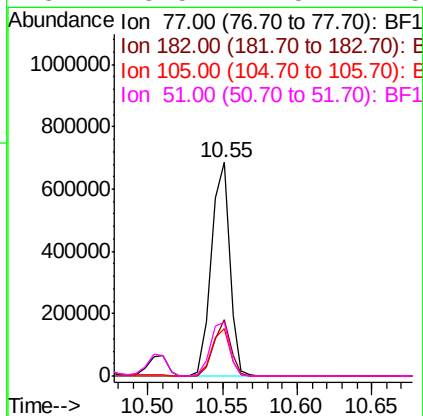
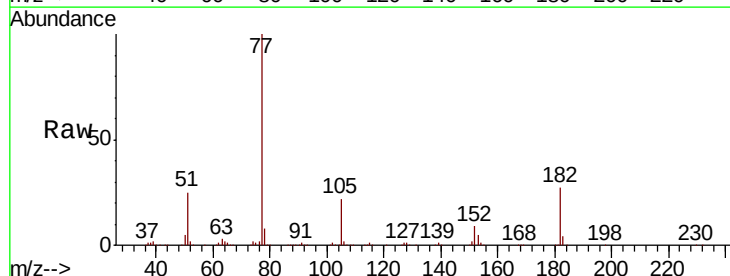
Instrument :
BNA_F
ClientSampled :

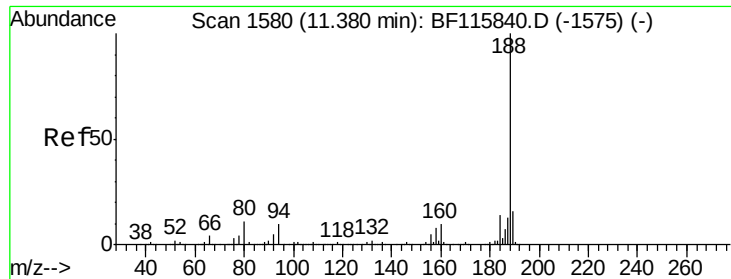
Tot Ion:138 Resp: 145872
Ion Ratio Lower Upper
138 100
92 52.4 29.0 69.0
108 74.7 54.7 94.7



#63
Azobenzene
Concen: 48.023 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion: 77 Resp: 583807
Ion Ratio Lower Upper
77 100
182 26.6 4.0 44.0
105 22.3 2.0 42.0
51 25.5 7.5 47.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

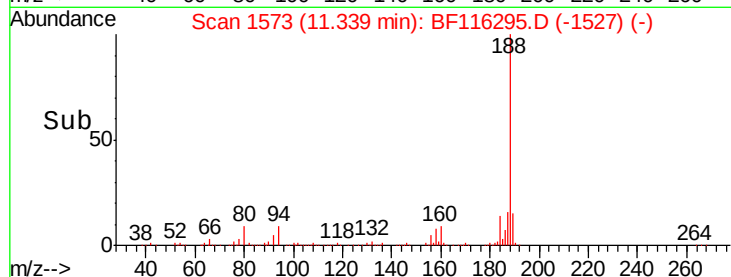
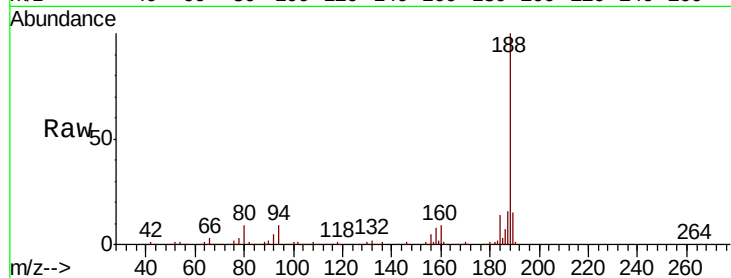
Tot Ion:188 Resp: 347688

Ion Ratio Lower Upper

188 100

94 9.0 8.1 12.1

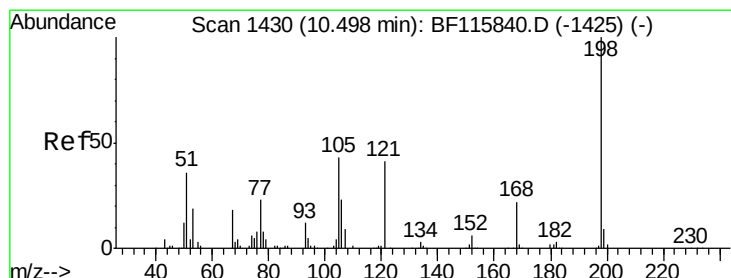
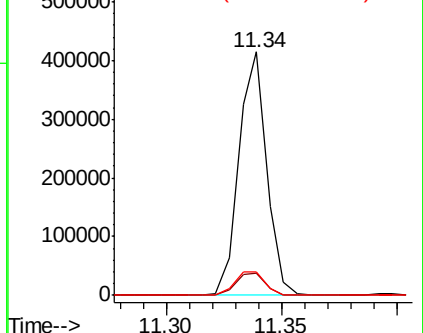
80 9.4 8.7 13.1



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: 43.650 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

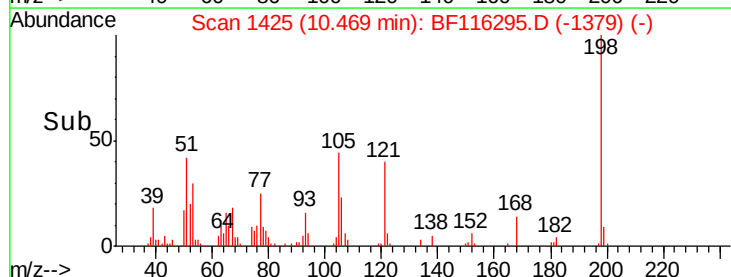
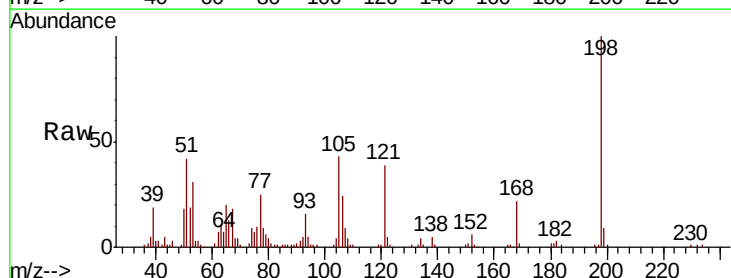
Tgt Ion:198 Resp: 80425

Ion Ratio Lower Upper

198 100

51 41.7 17.0 57.0

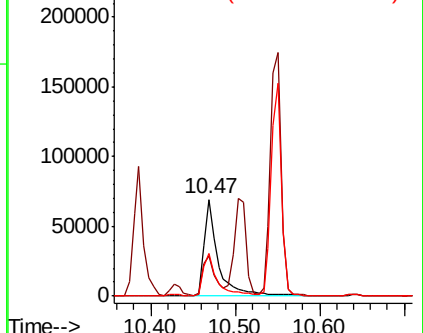
105 43.5 21.6 61.6

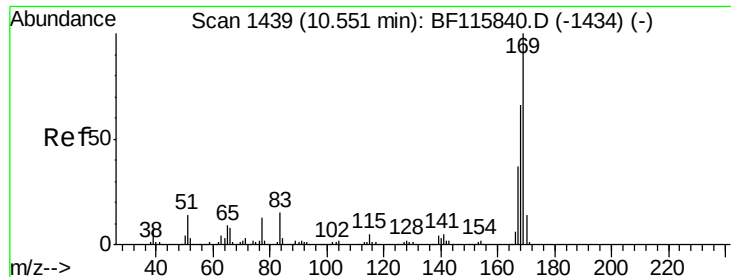


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

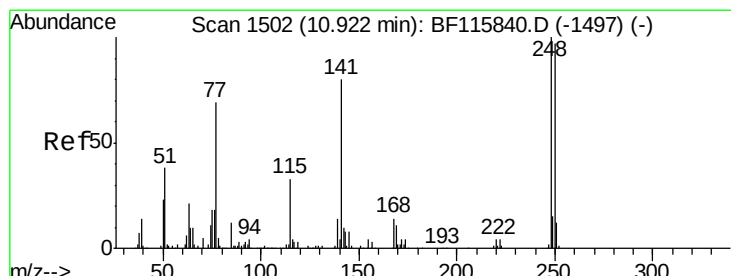
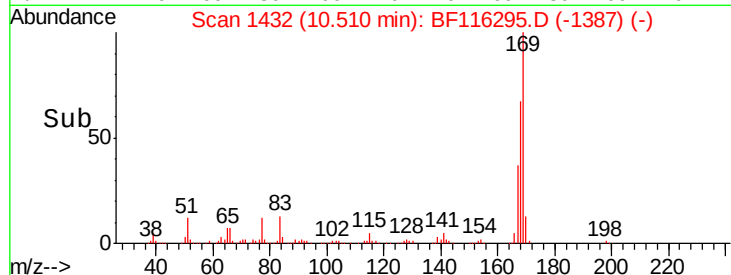
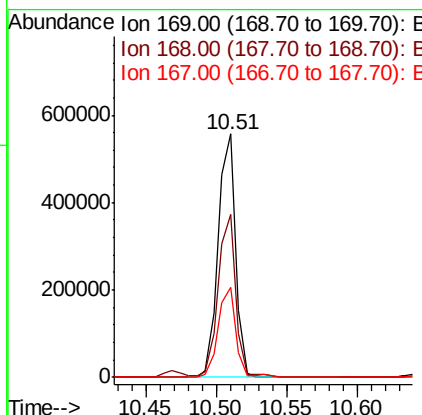
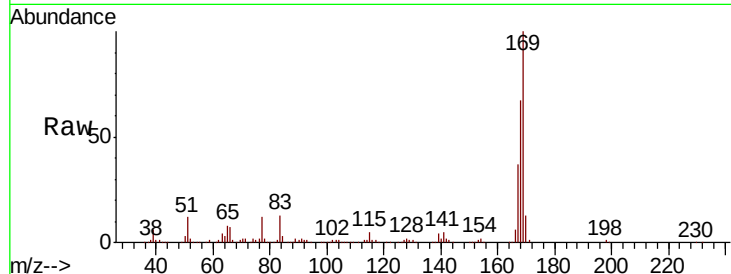




#66
 n-Nitrosodiphenylamine
 Concen: 45.814 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

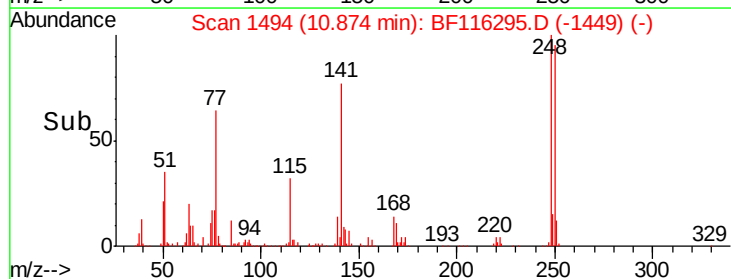
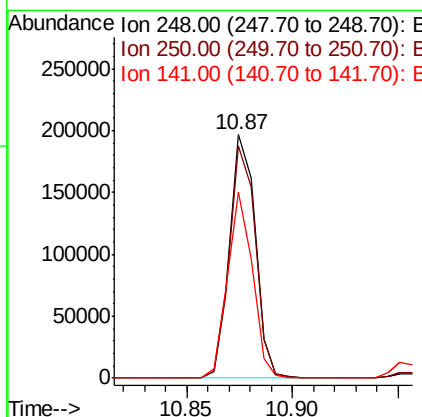
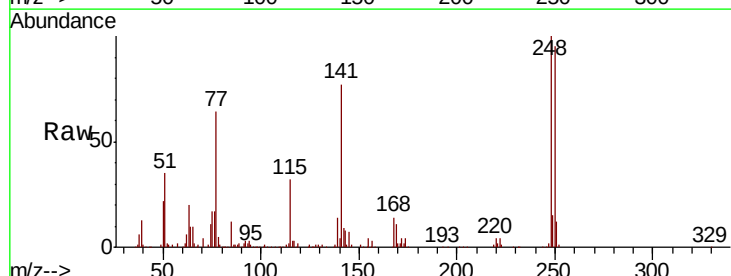
Instrument :
 BNA_F
 ClientSampleId :

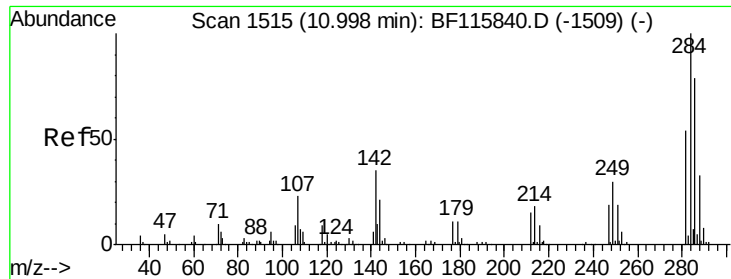
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.8	80.6
167	36.7	29.6	44.4



#67
 4-Bromophenyl-phenylether
 Concen: 44.600 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.4	116.2
141	76.5	56.8	85.2

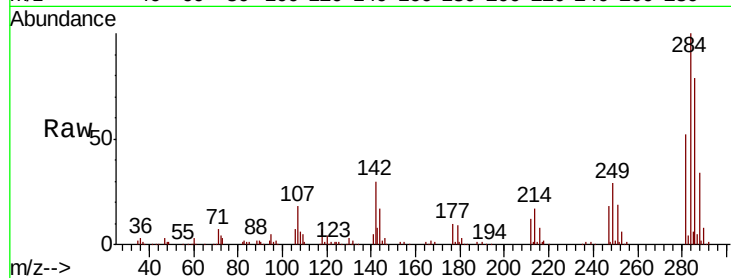




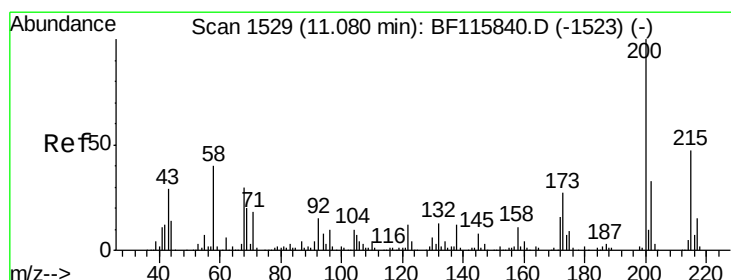
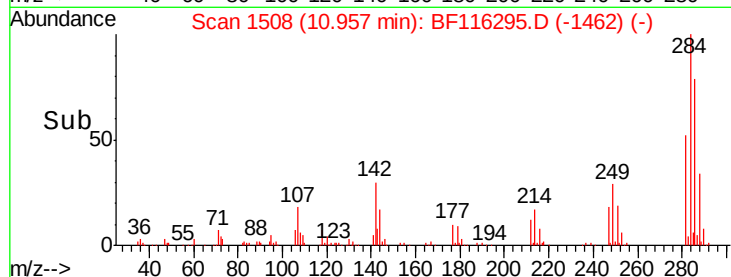
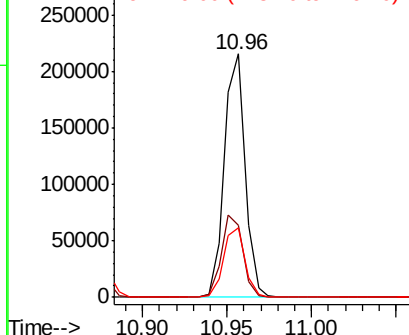
#68
Hexachlorobenzene
Concen: 43.114 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.6	28.4	42.6
249	28.8	24.5	36.7

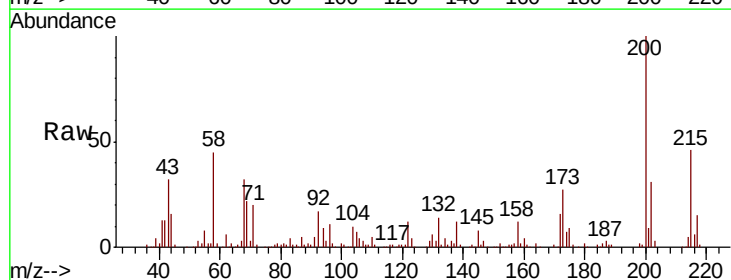


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

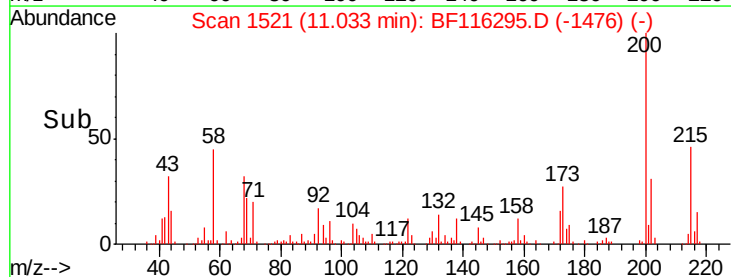
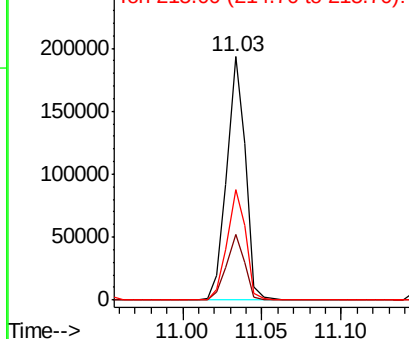


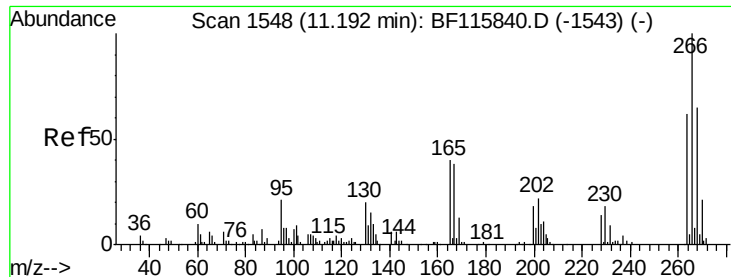
#69
Atrazine
Concen: 45.884 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.8	46.8
215	45.5	27.5	67.5



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

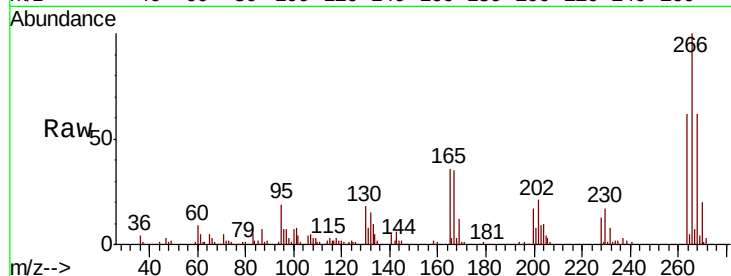




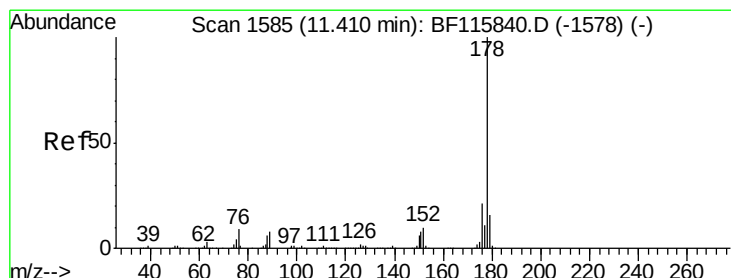
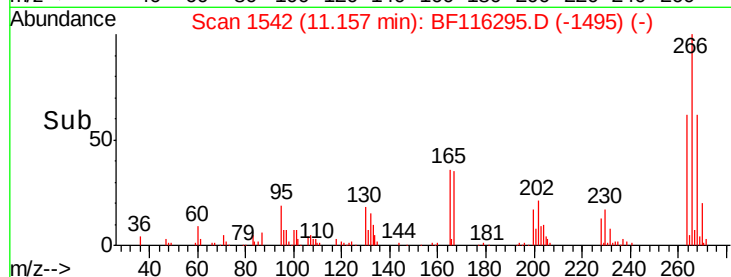
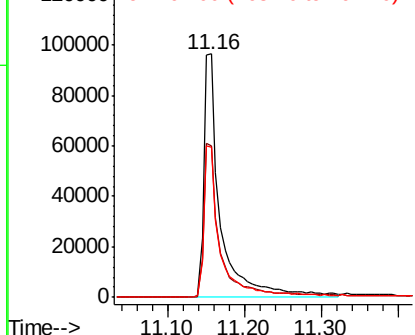
#70
 Pentachlorophenol
 Concen: 69.325 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.02 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 144857
 Ion Ratio Lower Upper
 266 100
 268 62.4 48.8 73.2
 264 61.9 50.6 76.0

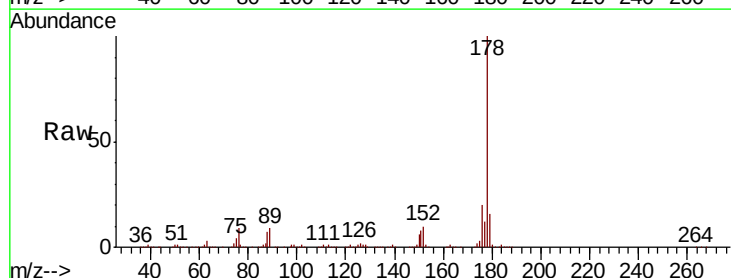


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

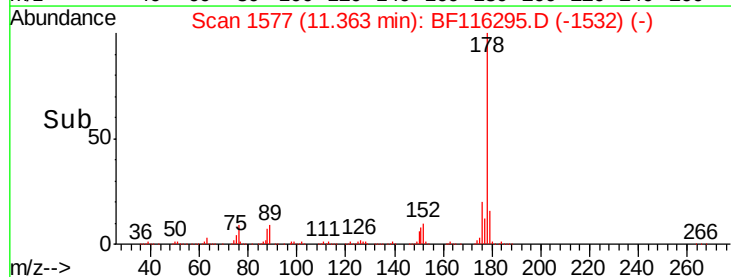
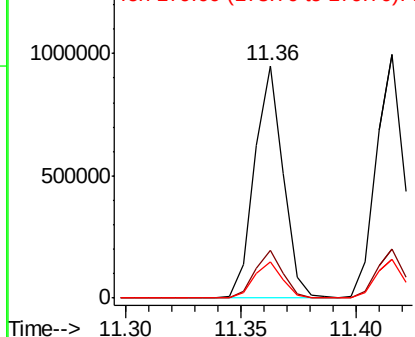


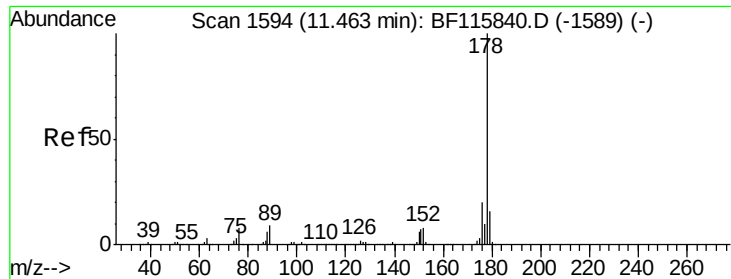
#71
 Phenanthrene
 Concen: 46.418 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion:178 Resp: 825063
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 24.8
 179 15.7 12.5 18.7



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

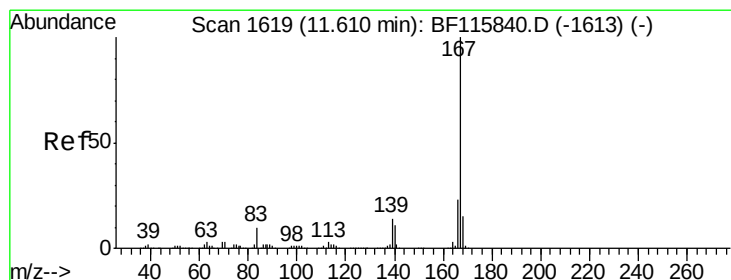
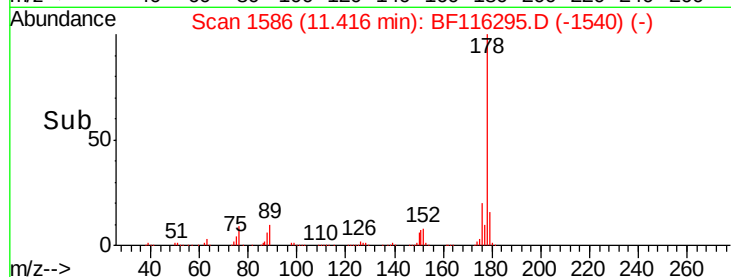
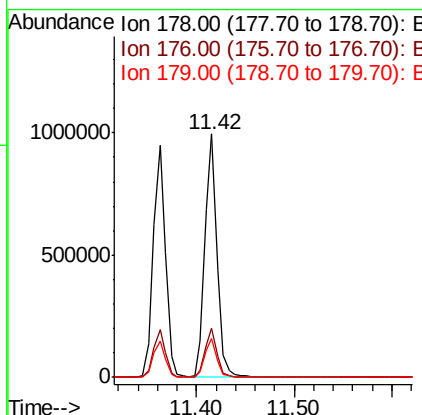
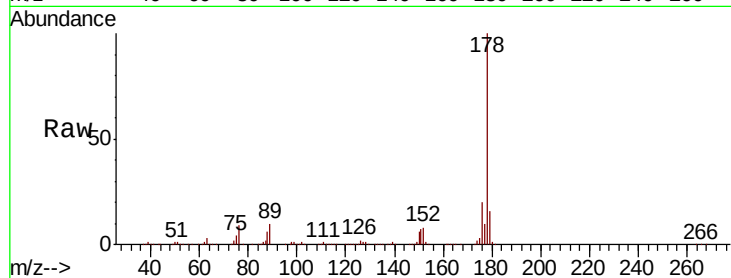




#72
 Anthracene
 Concen: 47.930 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

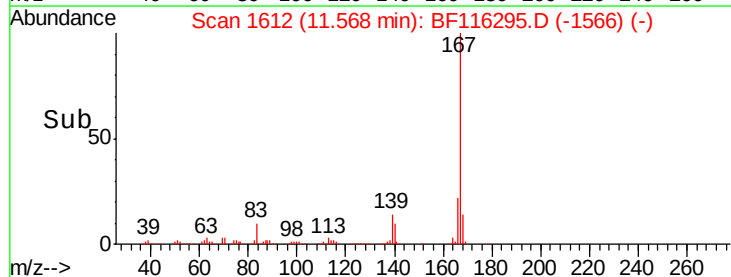
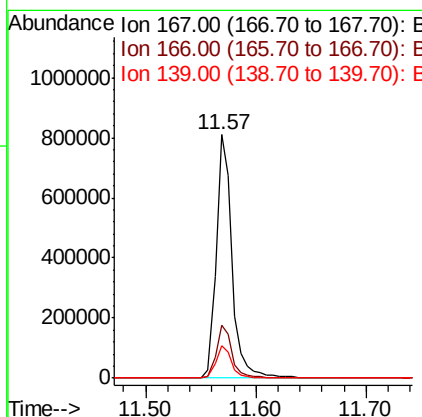
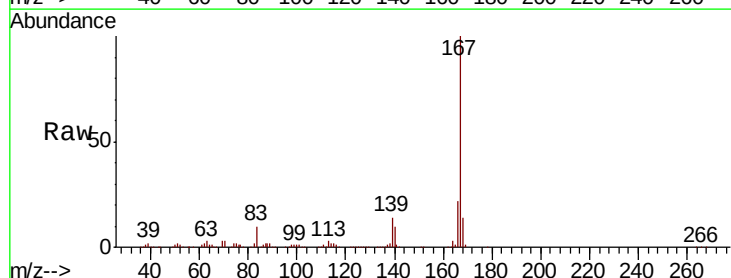
Instrument :
 BNA_F
 ClientSampleId :

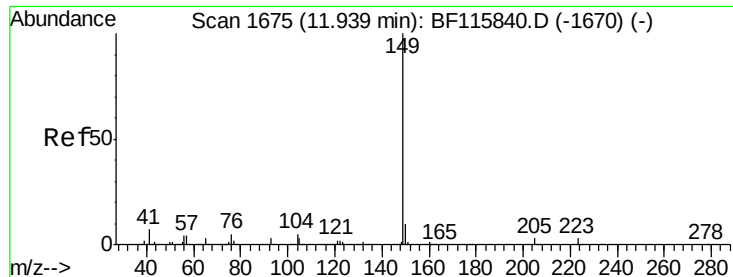
Tot Ion:178 Resp: 862202
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 16.1 13.0 19.6



#73
 Carbazole
 Concen: 49.119 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion:167 Resp: 801625
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.6 11.4 17.0





#74

Di-n-butylphthalate

Concen: 50.505 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

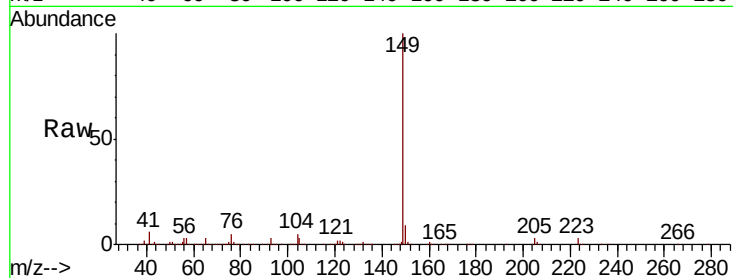
Tot Ion:149 Resp: 961528

Ion Ratio Lower Upper

149 100

150 9.3 8.0 12.0

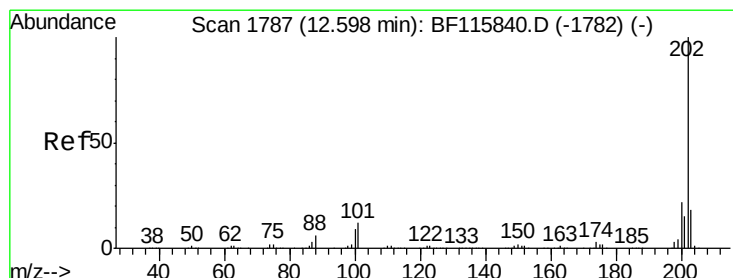
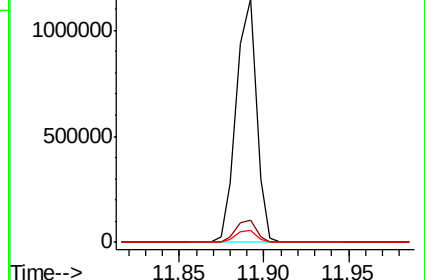
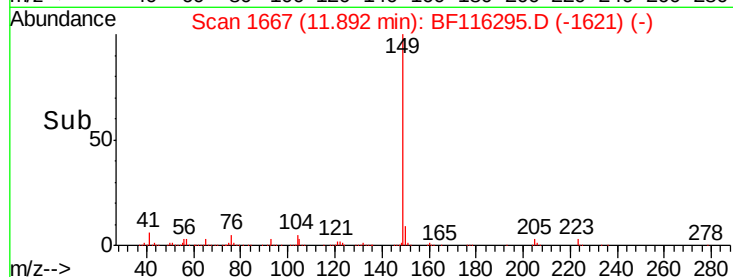
104 5.0 4.5 6.7



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: 50.105 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

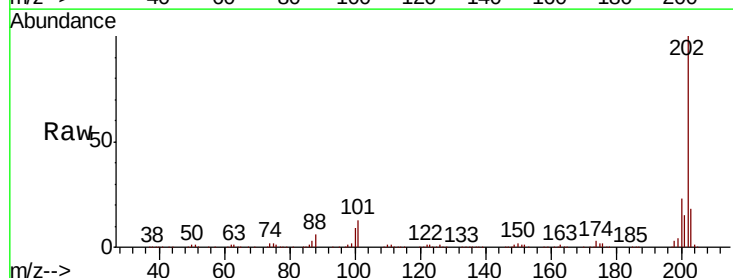
Tgt Ion:202 Resp: 932359

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.2

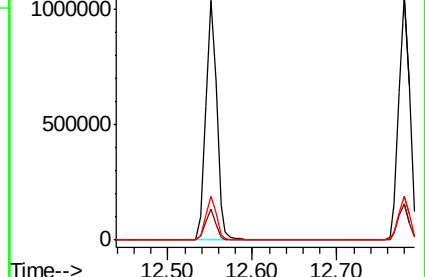
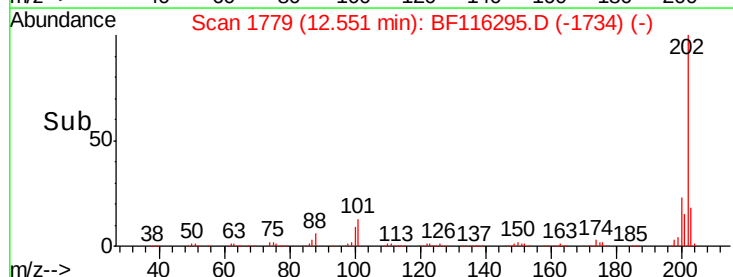
203 18.1 0.0 37.8

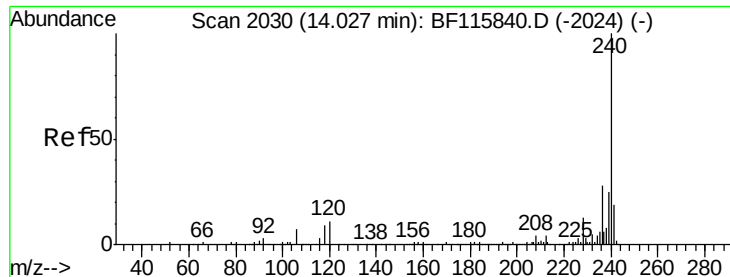


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

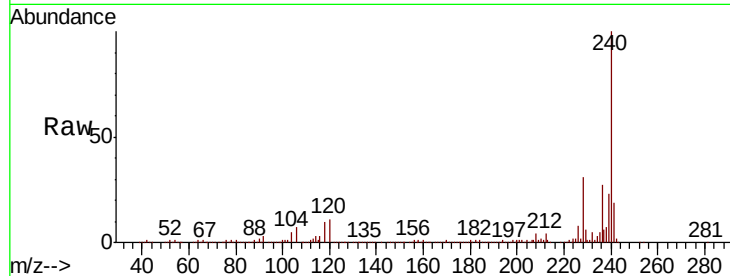




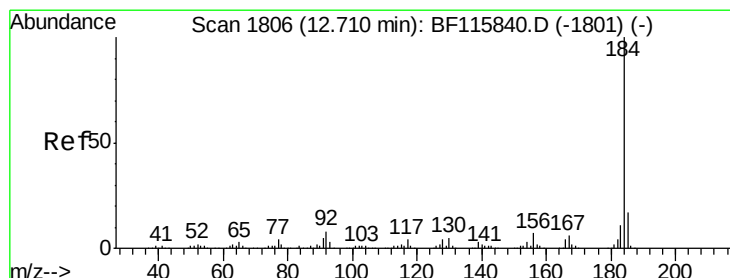
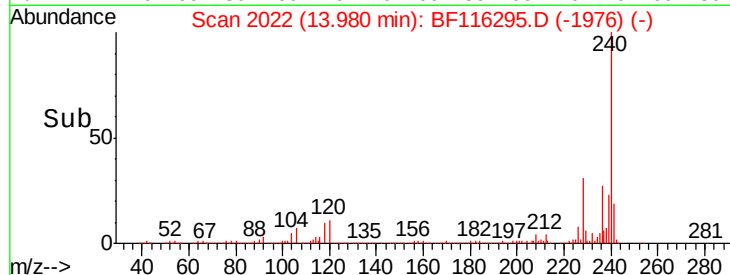
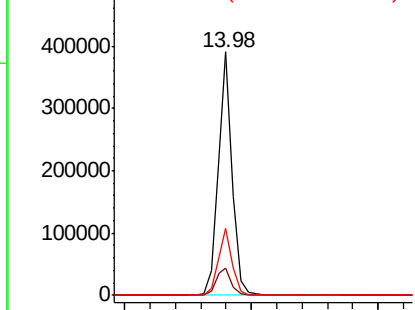
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 302512
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.7 16.1
 236 27.3 22.2 33.2

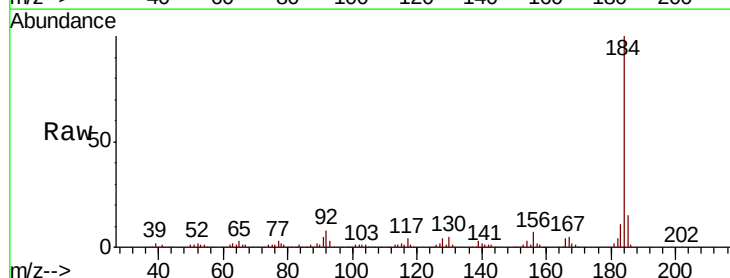


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

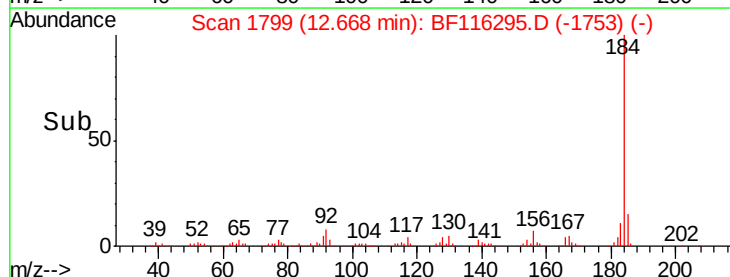
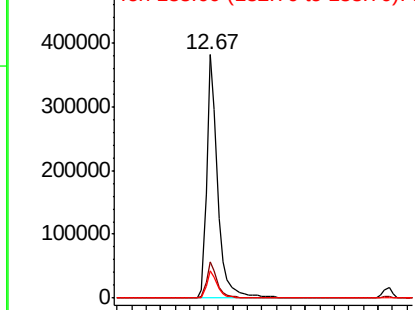


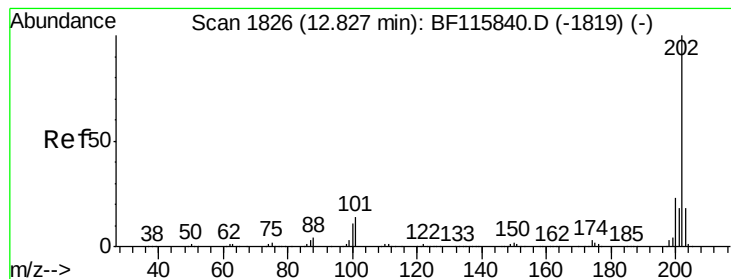
#77
 Benzidine
 Concen: 39.676 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion:184 Resp: 405494
 Ion Ratio Lower Upper
 184 100
 185 15.0 12.8 19.2
 183 11.3 9.4 14.0



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





#78

Pvrene

Concen: 42.067 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

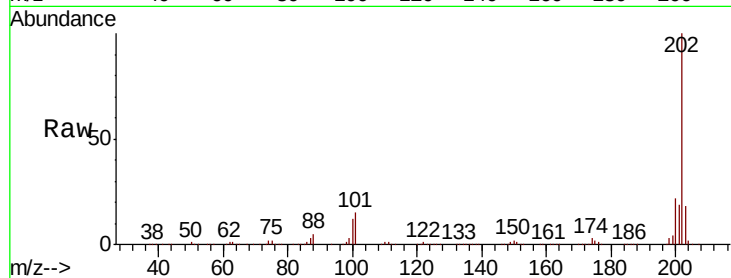
Tot Ion:202 Resp: 959285

Ion Ratio Lower Upper

202 100

200 22.4 18.0 27.0

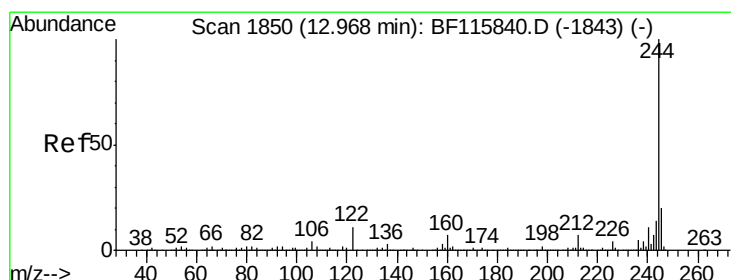
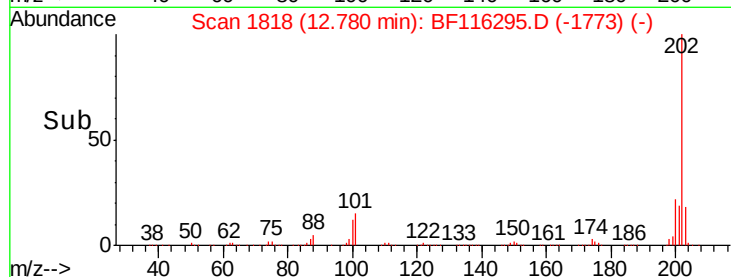
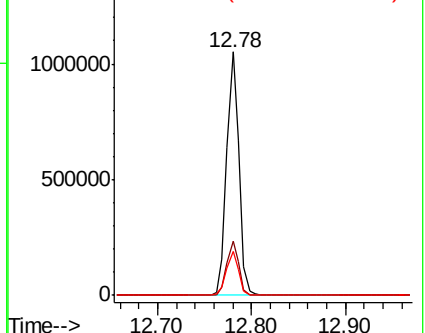
203 18.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 76.674 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

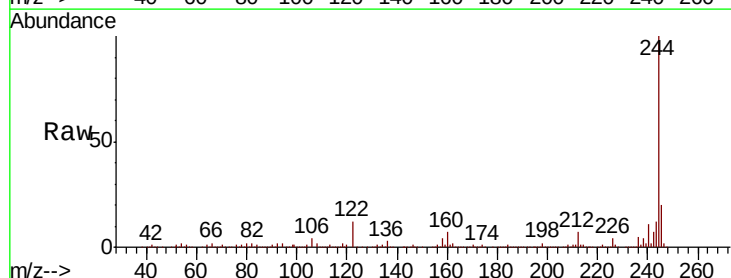
Tgt Ion:244 Resp: 1100760

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

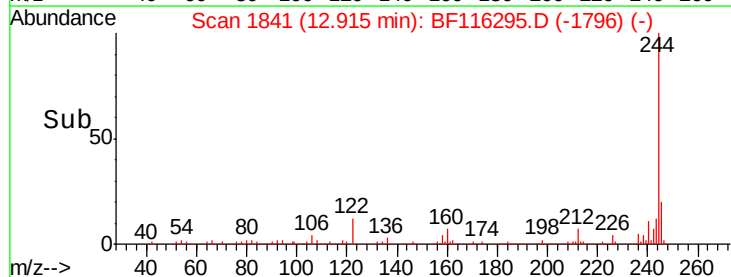
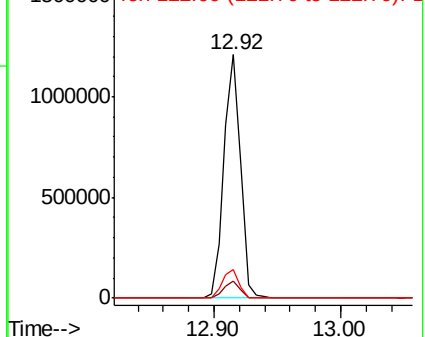
122 11.8 9.0 13.4

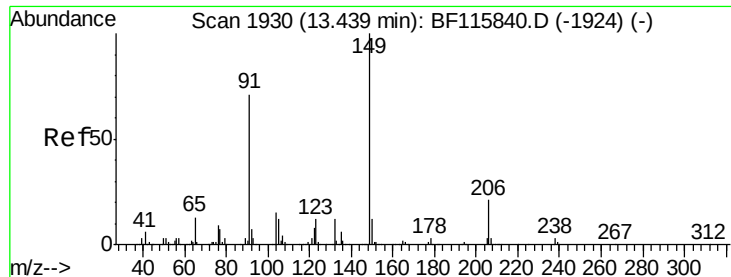


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

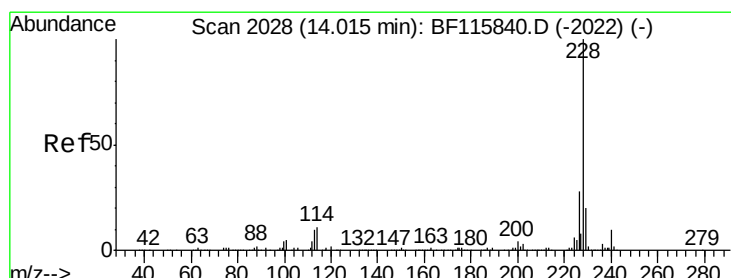
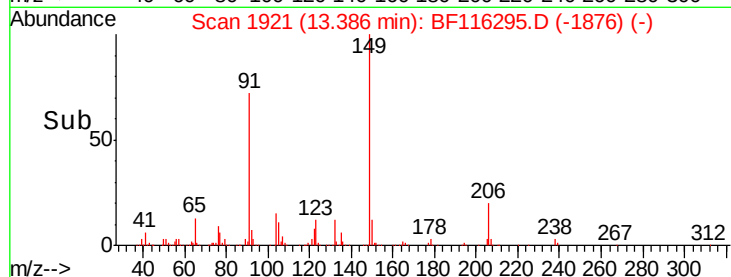
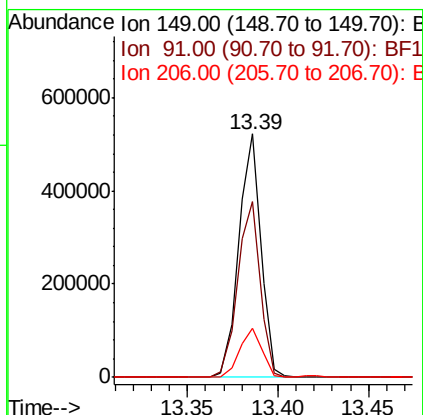
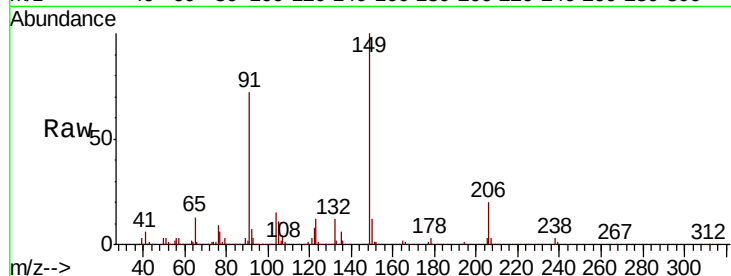




#80
Butylbenzylphthalate
Concen: 45.931 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

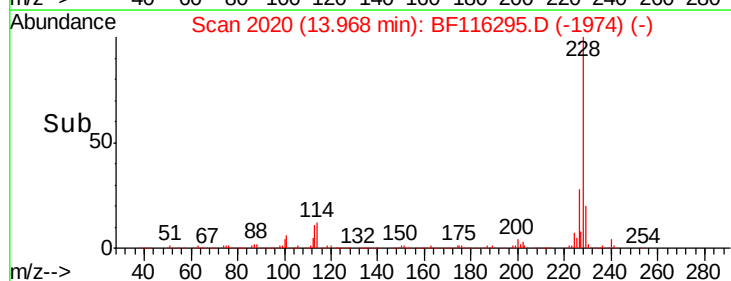
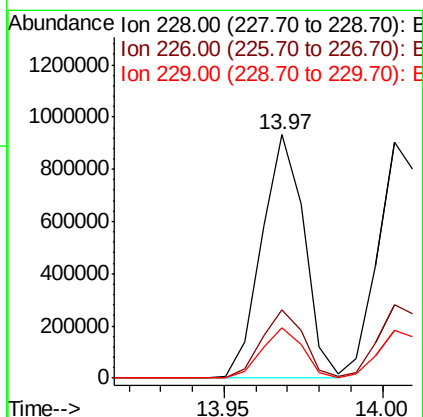
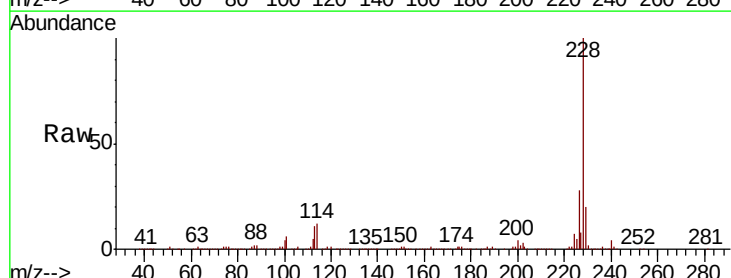
Instrument :
BNA_F
ClientSampleId :

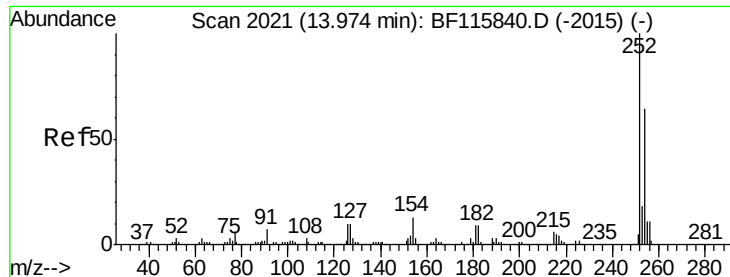
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.0	56.3	84.5
206	20.3	18.0	27.0



#81
Benzo(a)anthracene
Concen: 44.925 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.5	16.2	24.4

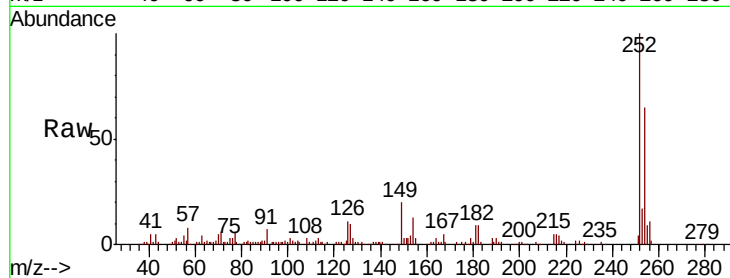




#82
 3,3'-Dichlorobenzidine
 Concen: 22.715 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.03 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.9	76.3
126	11.0	9.8	14.8

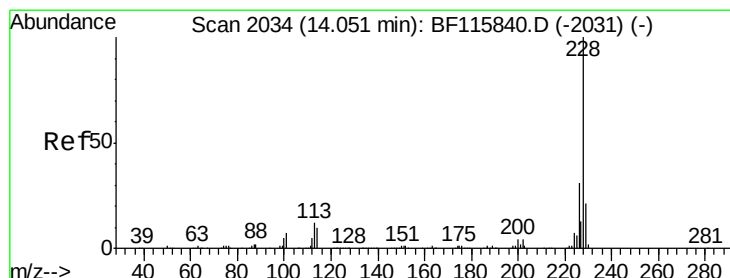
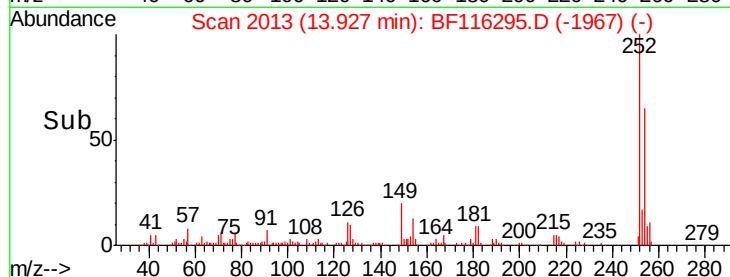
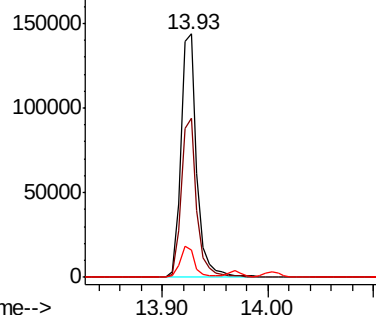


Abundance

Ion 252.00 (251.70 to 252.70): E

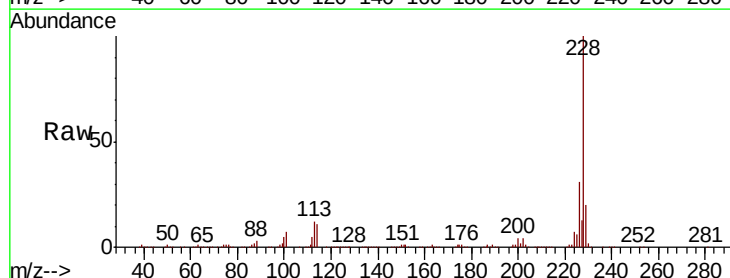
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 46.638 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.5	38.3
229	20.2	16.6	24.8

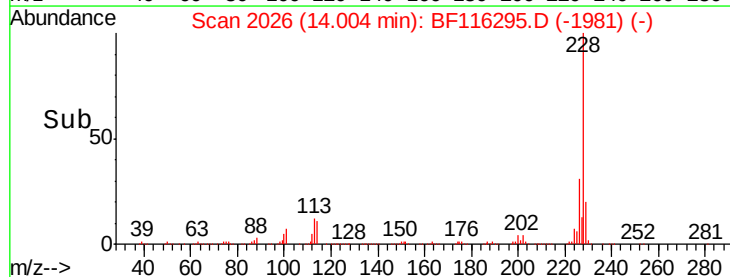
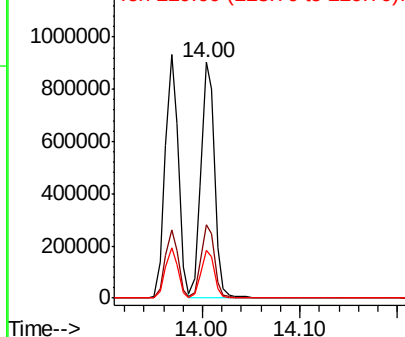


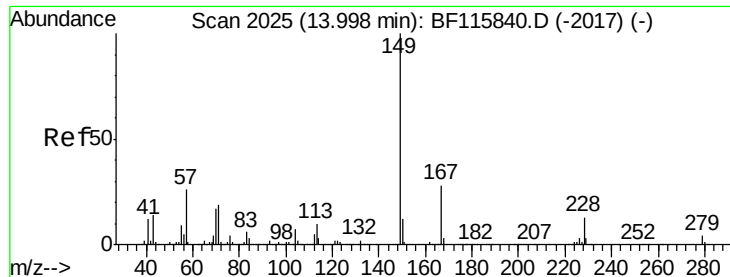
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.935 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.03 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

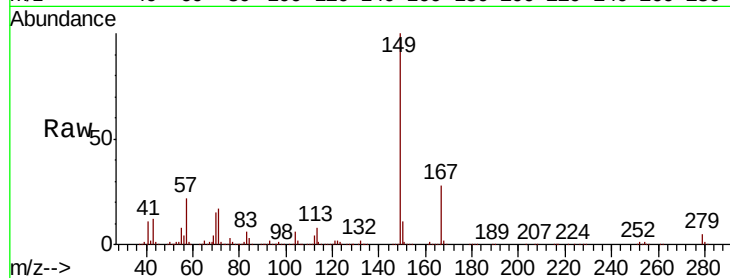
Tot Ion:149 Resp: 638476

Ion Ratio Lower Upper

149 100

167 28.1 21.6 32.4

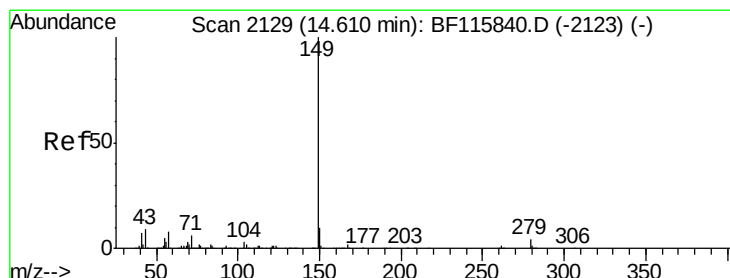
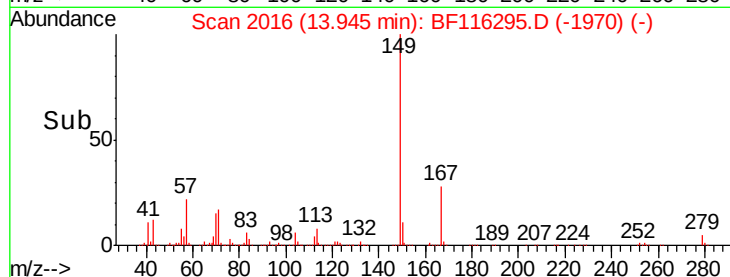
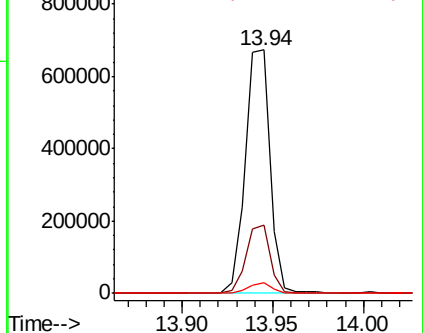
279 4.6 3.0 4.4#



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: 53.688 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

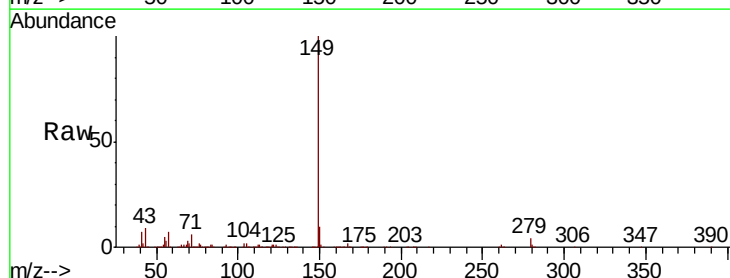
Tgt Ion:149 Resp: 1068936

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

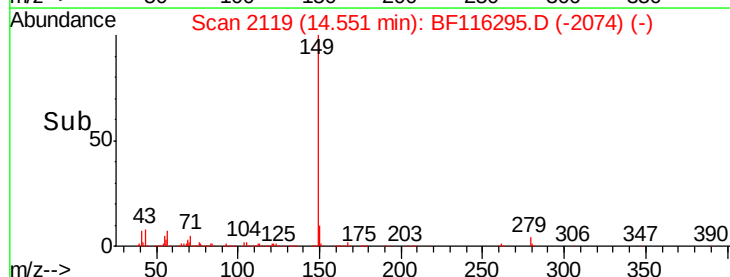
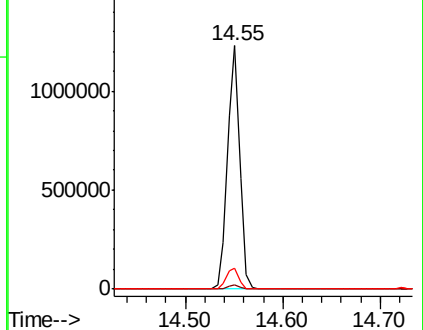
43 8.9 7.5 11.3

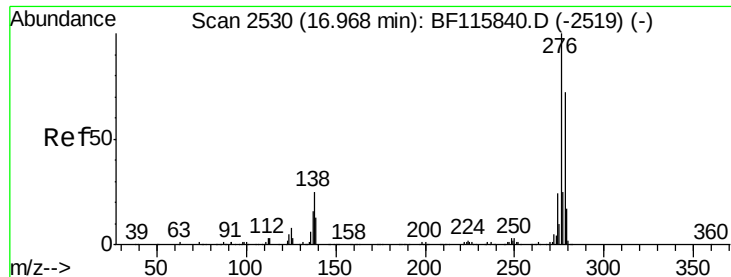


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

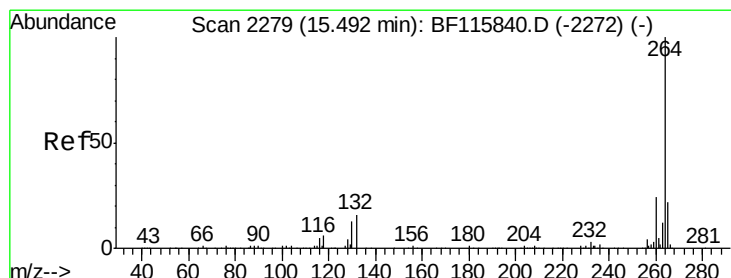
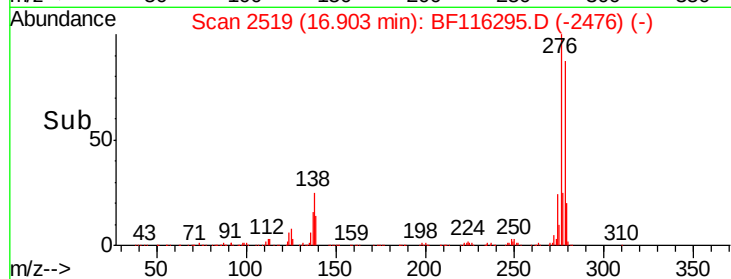
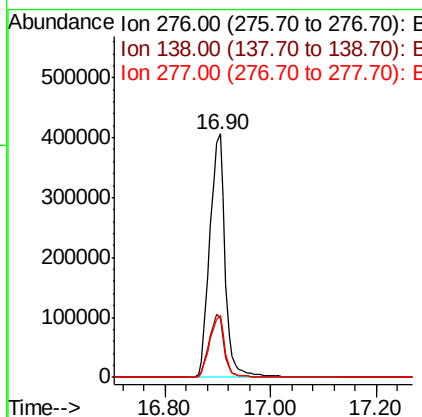
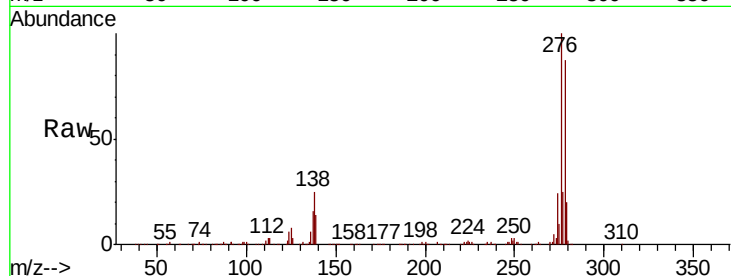




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 52.309 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.05 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

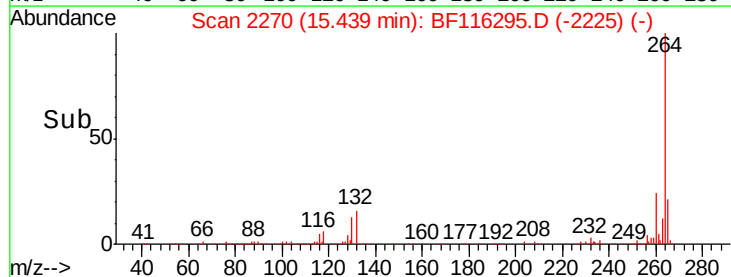
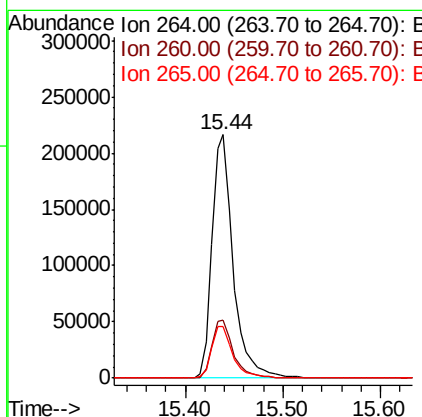
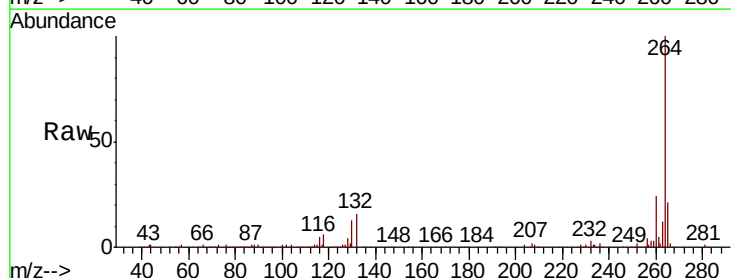
Instrument :
 BNA_F
 ClientSampled :

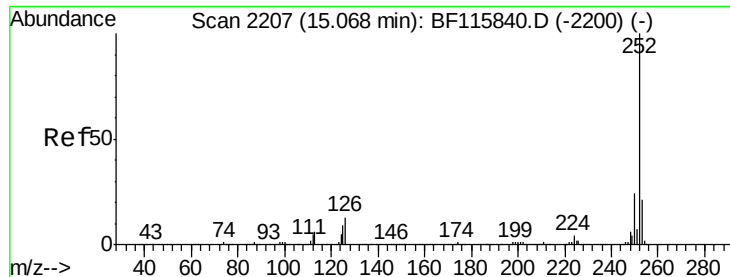
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.4	30.6
277	25.1	20.0	30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BF116295.D
 Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.7	29.5
265	21.5	17.4	26.0

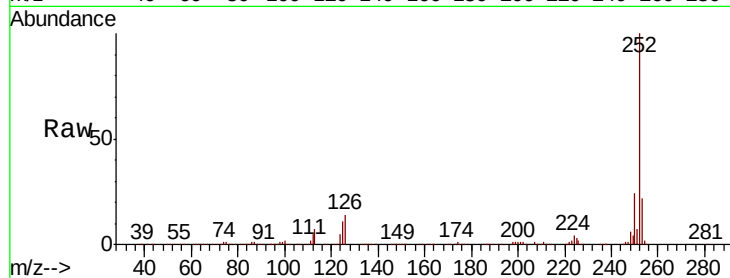




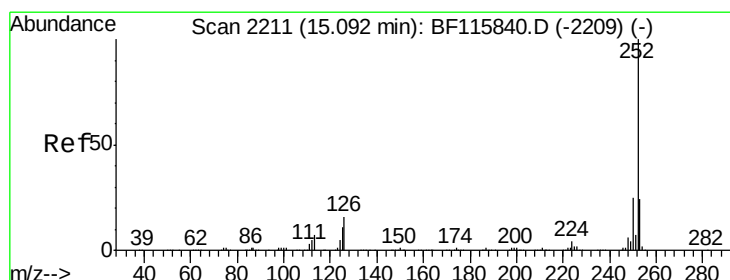
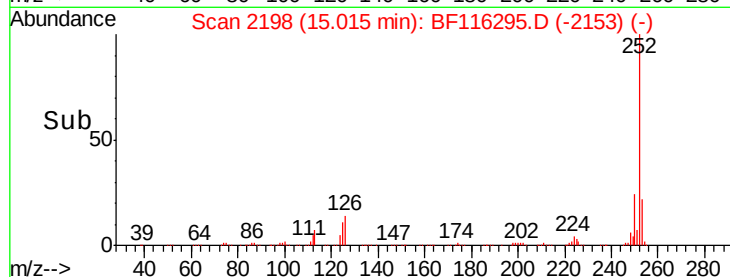
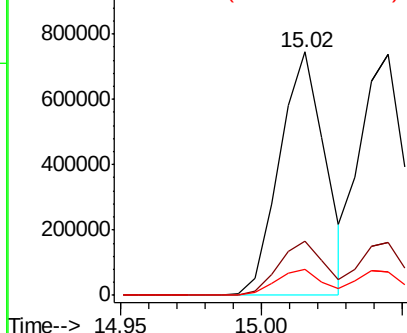
#88
Benzo(b)fluoranthene
Concen: 44.633 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.7	8.4	12.6

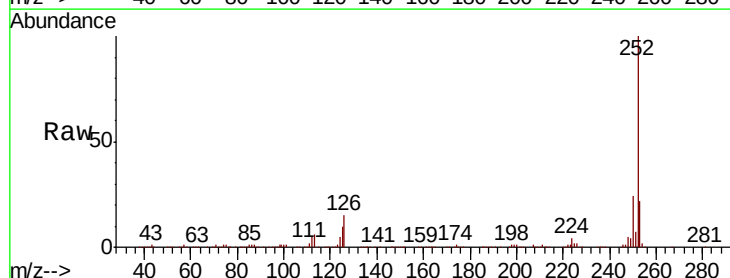


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

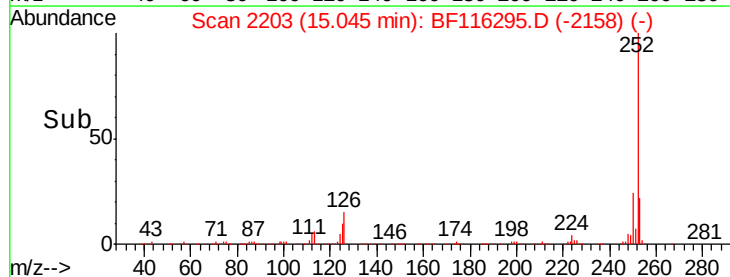
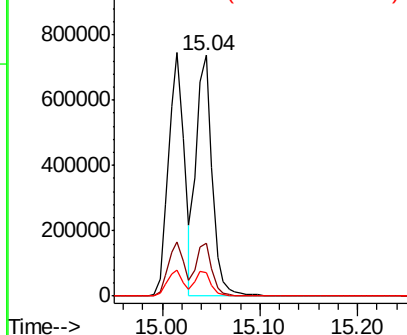


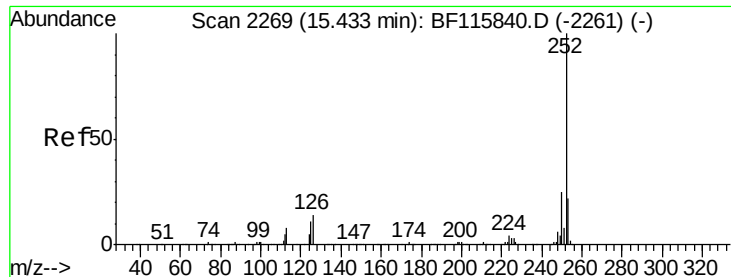
#89
Benzo(k)fluoranthene
Concen: 46.120 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116295.D
Acq: 15 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.9	7.7	11.5



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





#90

Benzo(a)pyrene

Concen: 47.868 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.04 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :

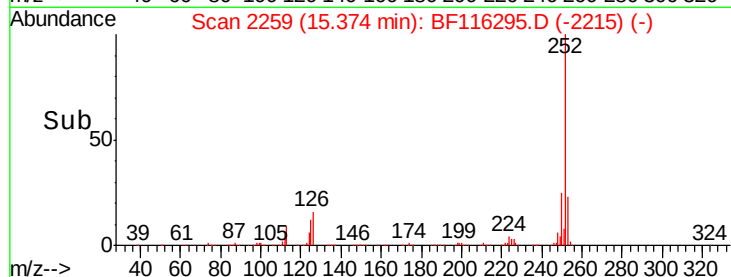
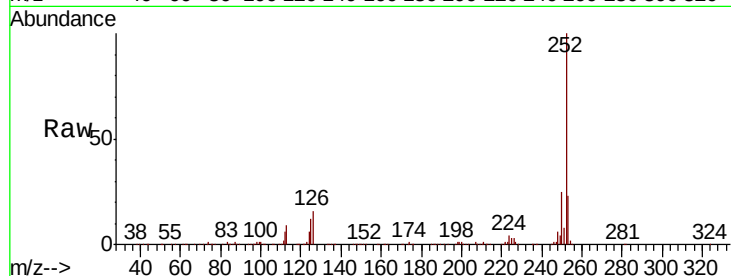
Tot Ion:252 Resp: 799830

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

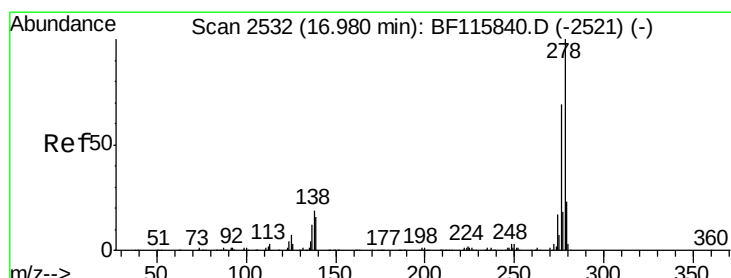
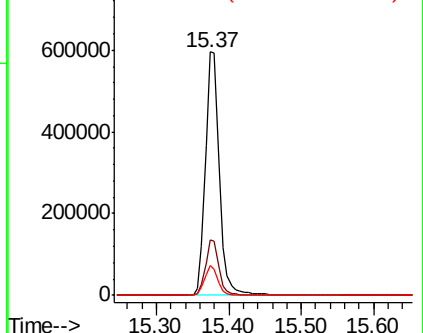
125 12.5 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 48.079 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.06 min

Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

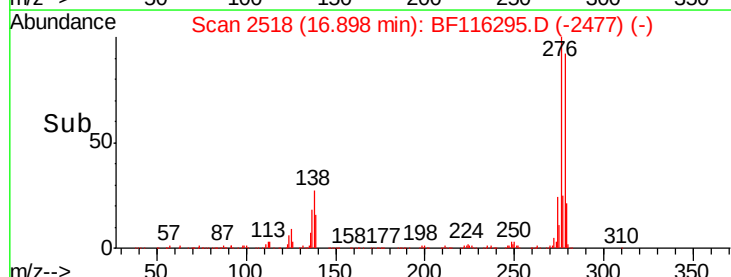
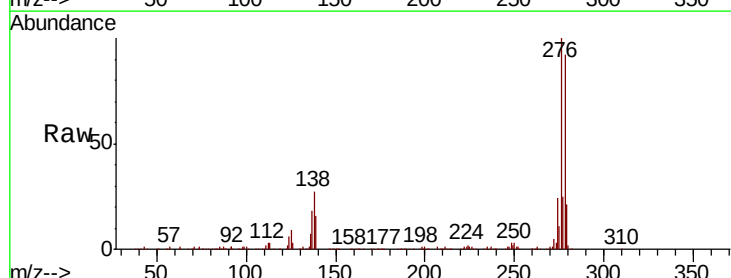
Tgt Ion:278 Resp: 695392

Ion Ratio Lower Upper

278 100

139 17.5 12.8 19.2

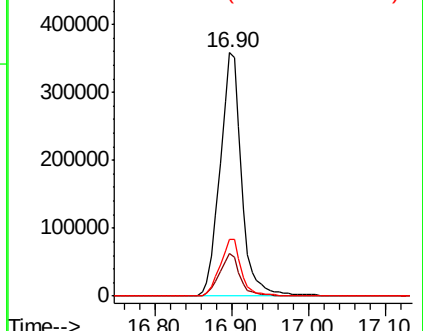
279 23.3 18.8 28.2

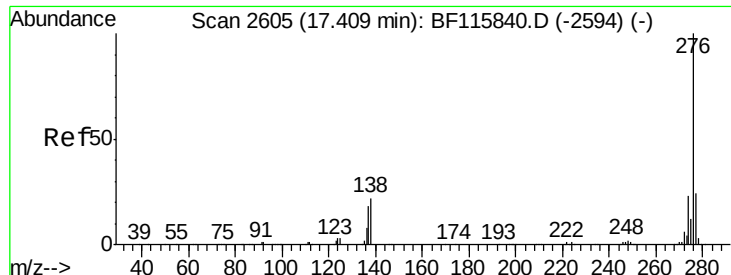


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 48.090 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.05 min

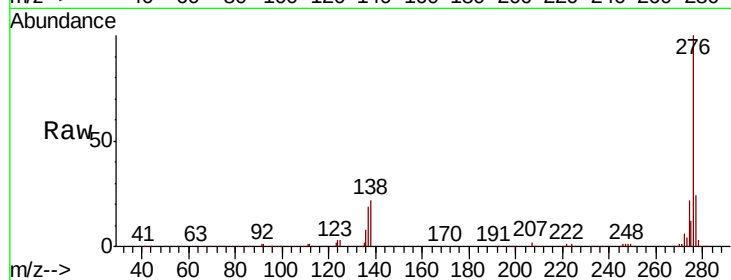
Lab File: BF116295.D

Acq: 15 Aug 2019 22:58

Instrument :

BNA_F

ClientSampleId :



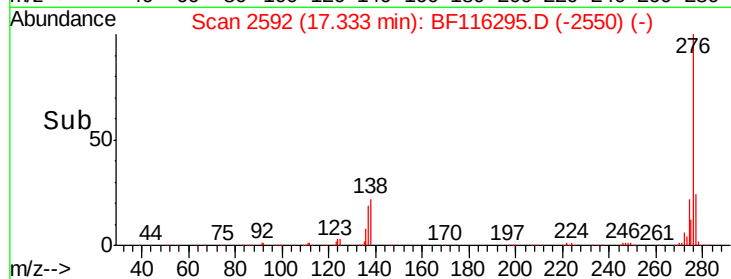
Tot Ion: 276 Resp: 683095

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 22.4 17.0 25.6



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

