

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116446.D
 Acq On : 20 Aug 2019 22:40
 Operator : HP/JU
 Sample : K4404-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

Quant Time: Aug 21 11:05:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	87359	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	341196	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	187568	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	343279	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	296640	20.00	ng	-0.01
87) Perylene-d12	15.42	264	322891	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	749038	143.54	ng	0.00
7) Phenol-d6	6.46	99	884448	134.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	646995	109.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	297089	163.37	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1143416	114.18	ng	-0.01
79) Terphenyl-d14	12.90	244	1468563	104.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	102456	38.864	ng	# 85
3) Pyridine	3.42	79	160638	21.813	ng	97
4) n-Nitrosodimethylamine	3.29	42	114687	39.463	ng	97
6) Aniline	6.48	93	120215	12.750	ng	# 40
8) 2-Chlorophenol	6.60	128	294657	51.063	ng	96
9) Benzaldehyde	6.37	77	97574	21.479	ng	99
10) Phenol	6.47	94	318712	41.107	ng	81
11) bis(2-Chloroethyl)ether	6.54	93	283882	49.802	ng	98
12) 1,3-Dichlorobenzene	6.75	146	309526	46.413	ng	99
13) 1,4-Dichlorobenzene	6.82	146	321110	48.089	ng	98
14) 1,2-Dichlorobenzene	6.97	146	296593	48.239	ng	99
15) Benzyl Alcohol	6.96	79	234894	47.012	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	372431	47.900	ng	# 41
17) 2-Methylphenol	7.07	107	243739	49.884	ng	# 88
18) Hexachloroethane	7.31	117	113116	46.011	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	216087	52.964	ng	99
20) 3+4-Methylphenols	7.23	107	324366	56.098	ng	# 68
22) Acetophenone	7.22	105	424443	56.722	ng	# 93
24) Nitrobenzene	7.39	77	333981	52.328	ng	97
25) Isophorone	7.63	82	598573	52.959	ng	99
26) 2-Nitrophenol	7.71	139	160327	53.291	ng	95
27) 2,4-Dimethylphenol	7.75	122	274093	60.555	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	370326	52.862	ng	100
29) 2,4-Dichlorophenol	7.96	162	262056	54.833	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	275669	50.602	ng	99
31) Naphthalene	8.10	128	867332	54.019	ng	99
32) Benzoic acid	7.91	122	119342	37.397	ng	96
33) 4-Chloroaniline	8.18	127	74602	10.399	ng	99
34) Hexachlorobutadiene	8.22	225	153702	48.982	ng	99
35) Caprolactam	8.54	113	62512m	40.442	ng	
36) 4-Chloro-3-methylphenol	8.66	107	277969	55.908	ng	100
37) 2-Methylnaphthalene	8.80	142	586557	55.470	ng	99
38) 1-Methylnaphthalene	8.89	142	550114	54.991	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	266289	53.104	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	76241	37.283	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	170079	49.277	nq	98
44) 2,4,5-Trichlorophenol	9.14	196	181107	50.761	nq	99
46) 1,1'-Biphenyl	9.26	154	727200	54.915	nq	98
47) 2-Chloronaphthalene	9.29	162	568090	51.544	nq	99
48) 2-Nitroaniline	9.39	65	183844	50.465	nq	96
49) Acenaphthylene	9.70	152	864656	53.775	nq	99
50) Dimethylphthalate	9.56	163	706725	55.337	nq	100
51) 2,6-Dinitrotoluene	9.63	165	151057	54.427	nq #	86
52) Acenaphthene	9.87	154	527164	53.441	nq	99
53) 3-Nitroaniline	9.81	138	63965	18.652	nq	98
54) 2,4-Dinitrophenol	9.93	184	117269	82.774	nq	99
55) Dibenzofuran	10.05	168	755984	52.699	nq	100
56) 4-Nitrophenol	9.99	139	136508	62.138	nq	95
57) 2,4-Dinitrotoluene	10.05	165	194486	52.631	nq	94
58) Fluorene	10.39	166	635212	57.553	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	170222	56.709	nq	94
60) Diethylphthalate	10.26	149	674885	56.601	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	320095	57.265	nq	95
62) 4-Nitroaniline	10.42	138	156679	44.209	nq	98
63) Azobenzene	10.53	77	682129	55.620	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	98417	54.101	nq	99
66) n-Nitrosodiphenylamine	10.49	169	553370	53.557	nq	100
67) 4-Bromophenyl-phenylether	10.86	248	194024	52.799	nq	95
68) Hexachlorobenzene	10.94	284	214292	50.430	nq	98
69) Atrazine	11.02	200	149642	44.023	nq	99
70) Pentachlorophenol	11.15	266	173745	84.218	nq	98
71) Phenanthrene	11.35	178	963673	54.913	nq	100
72) Anthracene	11.40	178	1012013	56.981	nq	99
73) Carbazole	11.56	167	921875	57.212	nq	100
74) Di-n-butylphthalate	11.87	149	1131155	60.178	nq	99
75) Fluoranthene	12.54	202	1076723	58.606	nq	99
78) Pyrene	12.77	202	1116379	49.925	nq	99
80) Butylbenzylphthalate	13.37	149	529370	55.965	nq	96
81) Benzo(a)anthracene	13.96	228	1006899	53.106	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	83505	12.677	nq	98
83) Chrysene	13.99	228	1000784	54.369	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	766744	62.379	nq	99
85) Di-n-octyl phthalate	14.53	149	1303434	66.762	nq	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	1020132	65.984	nq	100
88) Benzo(b)fluoranthene	15.00	252	988660	52.955	nq	99
89) Benzo(k)fluoranthene	15.03	252	935214m	51.429	nq	
90) Benzo(a)pyrene	15.36	252	936036	56.085	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	860776	59.583	nq	99
92) Benzo(g,h,i)perylene	17.32	276	845371	59.584	nq	99

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

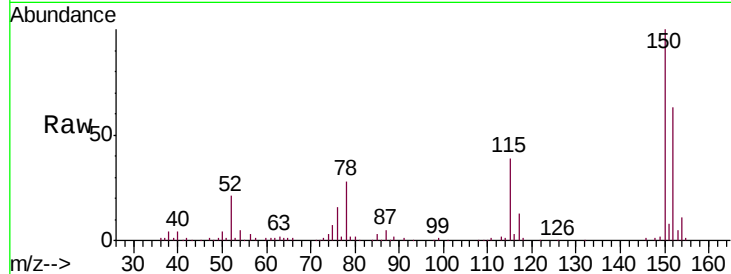


#1

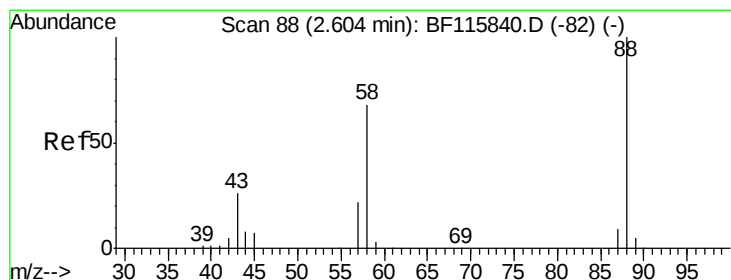
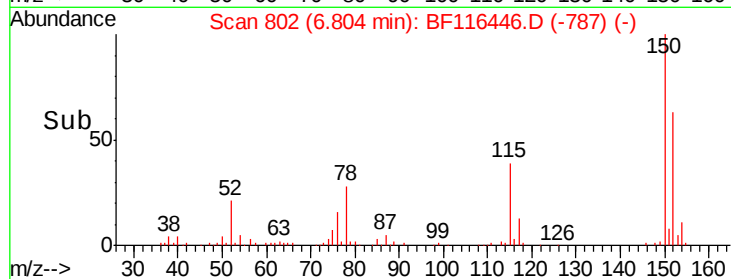
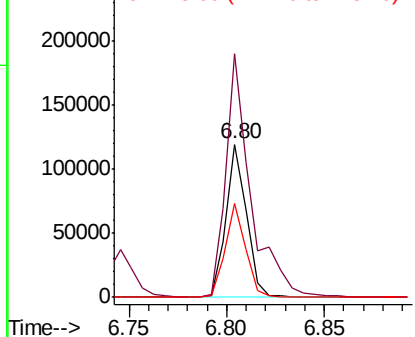
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

Tot Ion:152 Resp: 87359
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 61.8 49.9 74.9



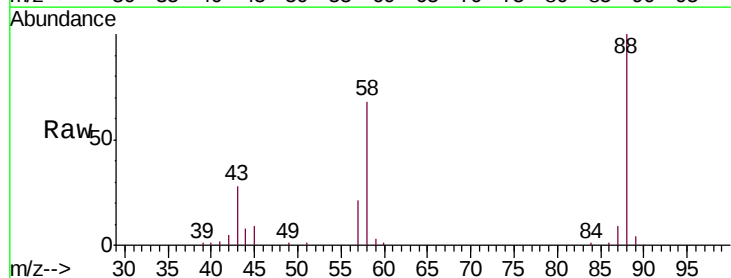
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



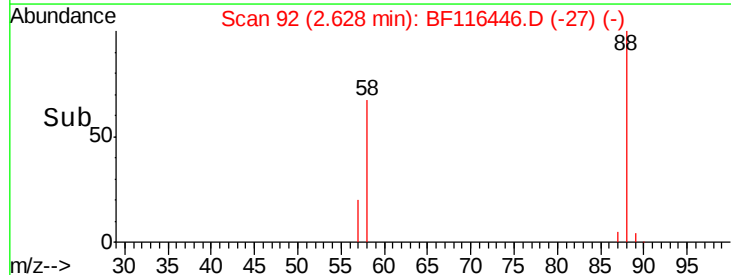
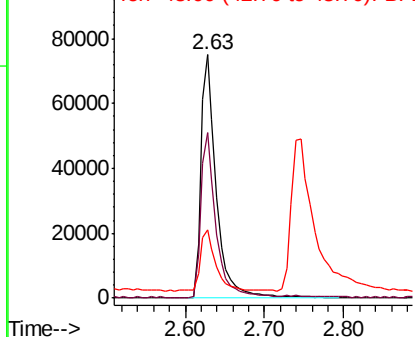
#2

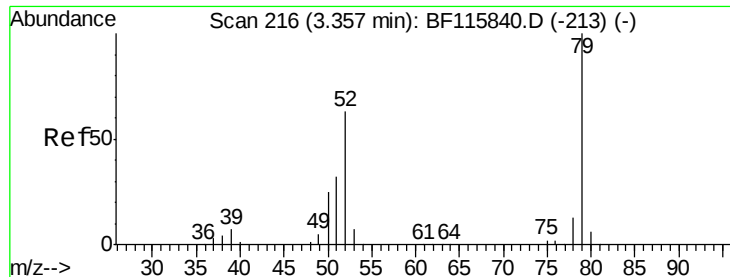
1,4-Dioxane
Concen: 38.864 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.08 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion: 88 Resp: 102456
Ion Ratio Lower Upper
88 100
58 67.8 53.7 80.5
43 0.0 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: 21.813 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.12 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

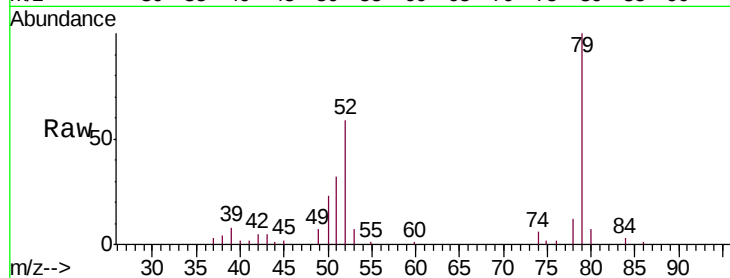
Tot Ion: 79 Resp: 160638

Ion Ratio Lower Upper

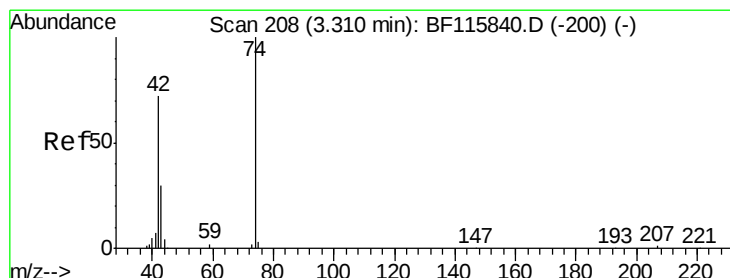
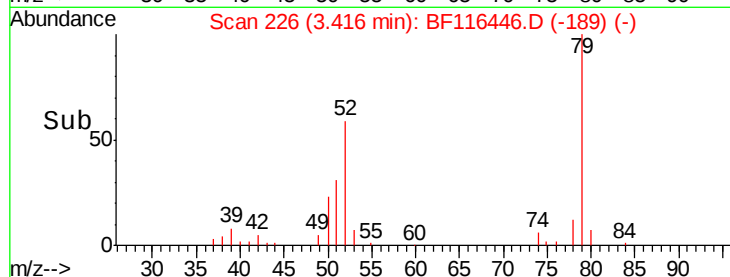
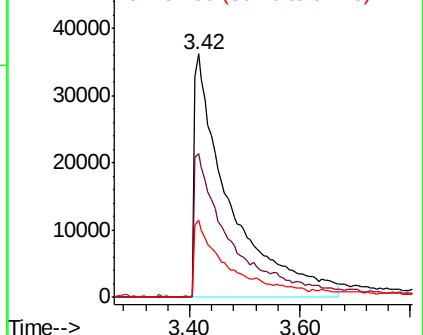
79 100

52 59.2 49.8 74.8

51 31.5 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.463 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.04 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

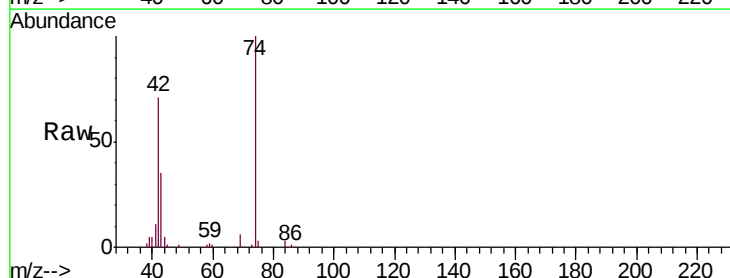
Tgt Ion: 42 Resp: 114687

Ion Ratio Lower Upper

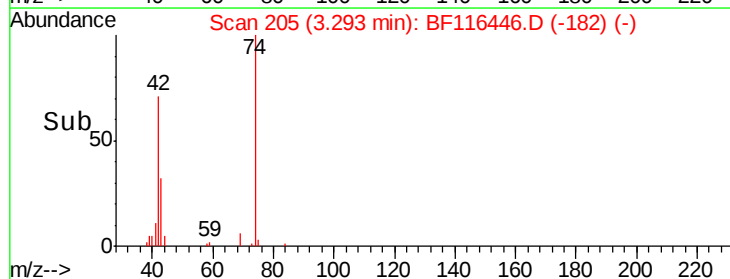
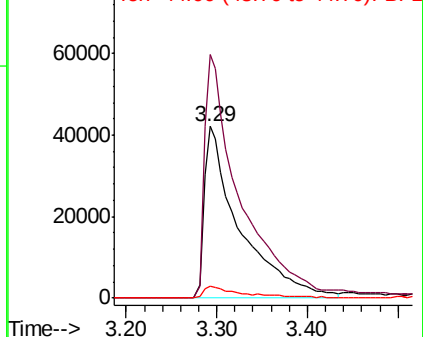
42 100

74 141.7 116.0 174.0

44 6.7 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 143.538 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

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ClientSampleId :

T1-L(0-2.5)MS

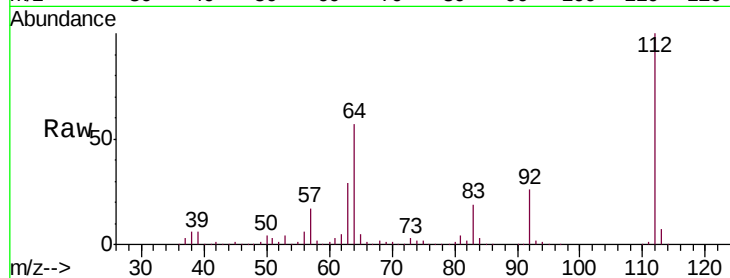
Tot Ion:112 Resp: 749038

Ion Ratio Lower Upper

112 100

64 57.2 45.4 68.2

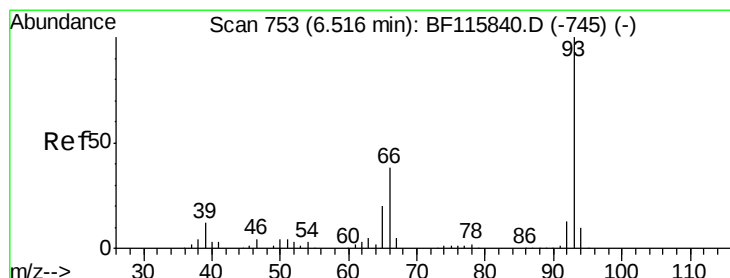
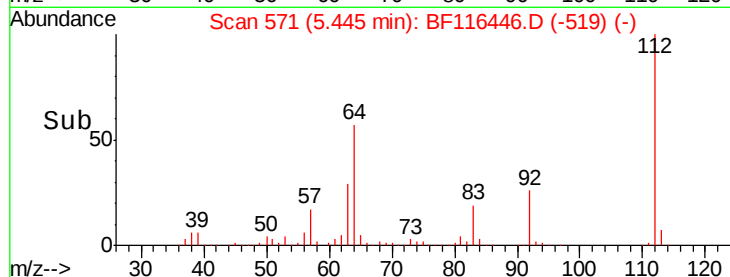
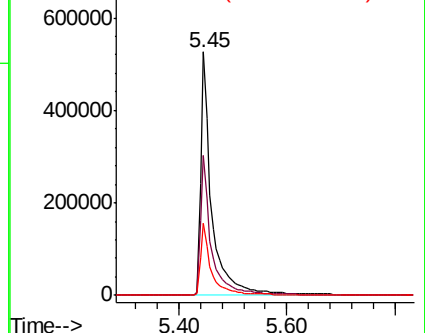
63 29.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.750 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

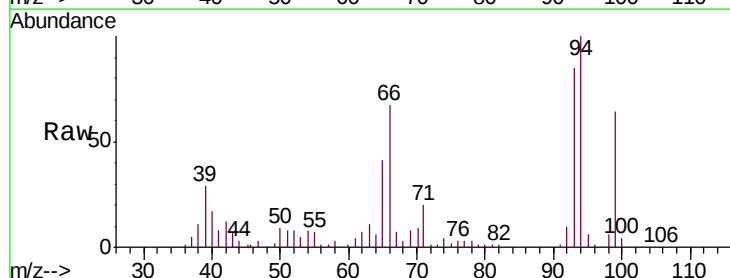
Tgt Ion: 93 Resp: 120215

Ion Ratio Lower Upper

93 100

66 79.2 32.2 48.4#

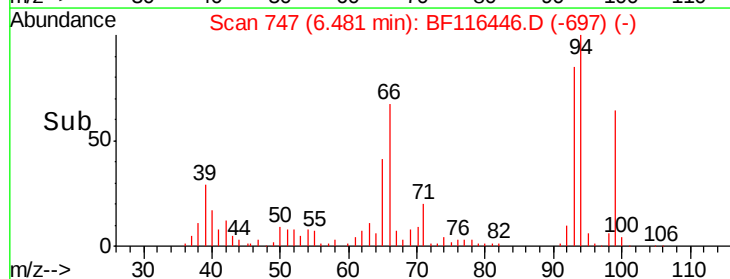
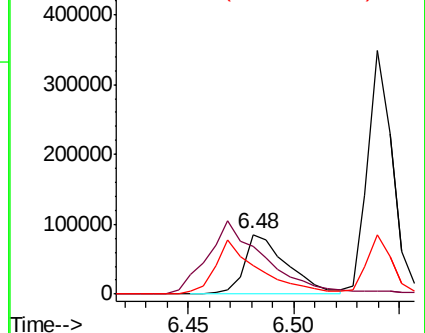
65 47.7 17.0 25.6#

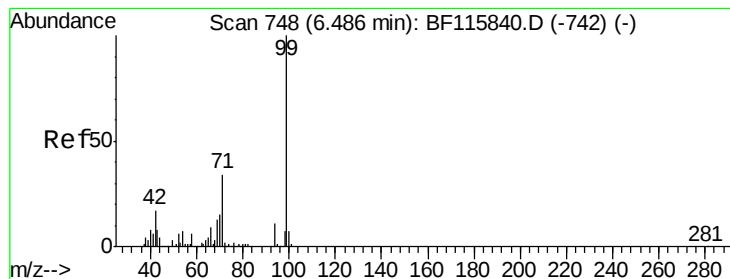


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.335 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

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ClientSampleId :

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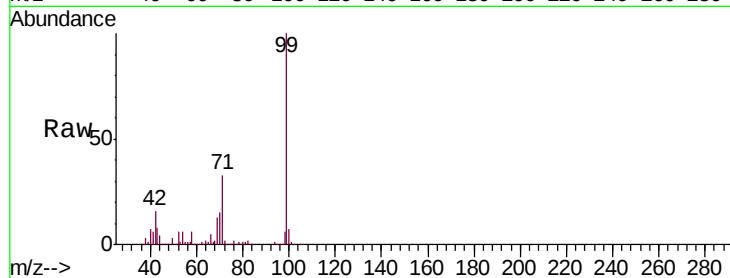
Tot Ion: 99 Resp: 884448

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

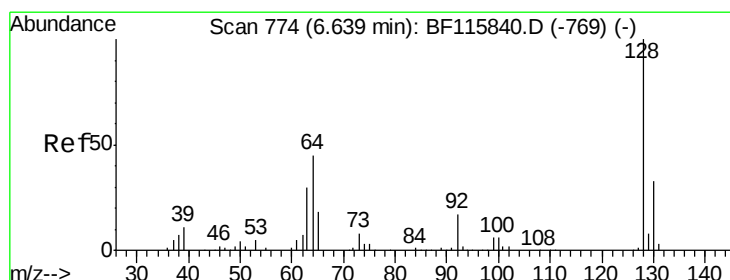
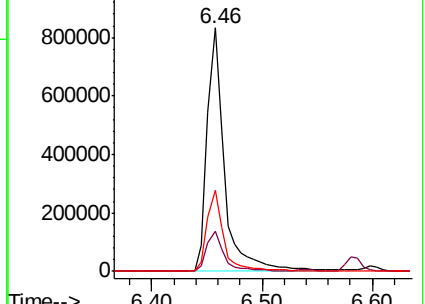
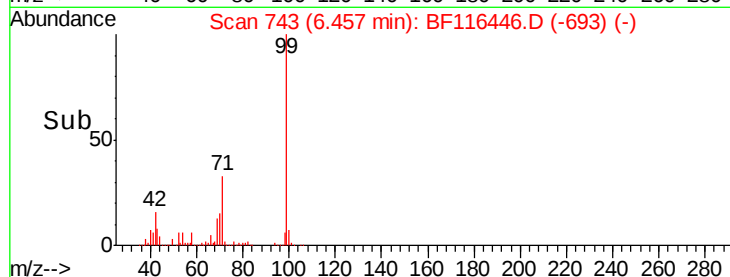
71 33.1 27.3 40.9



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: 51.063 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

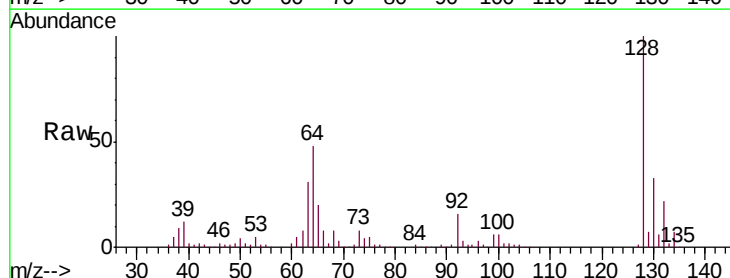
Tgt Ion: 128 Resp: 294657

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

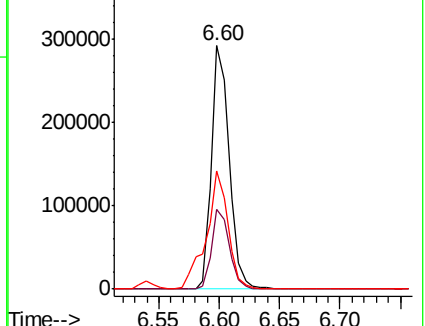
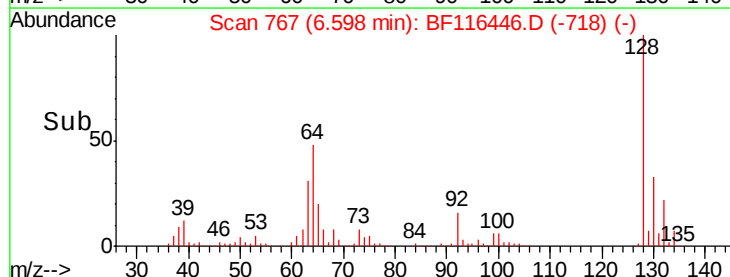
64 48.3 24.3 64.3



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: 21.479 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF116446.D

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T1-L(0-2.5)MS

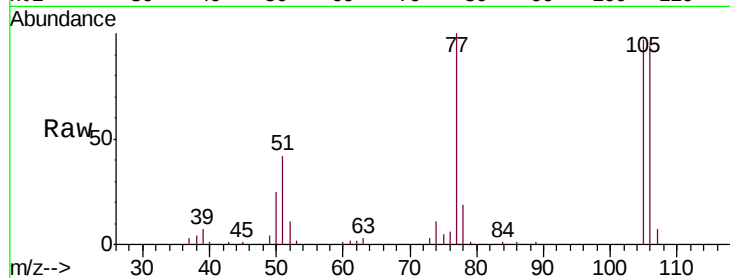
Tot Ion: 77 Resp: 97574

Ion Ratio Lower Upper

77 100

105 96.9 79.2 119.2

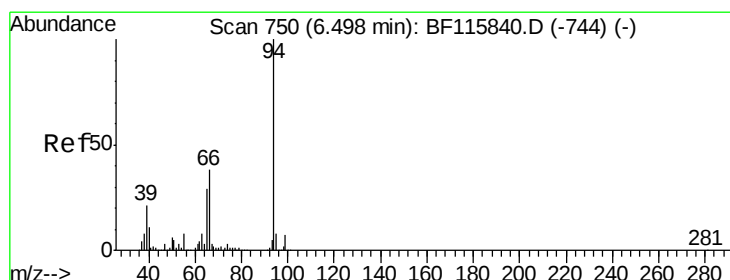
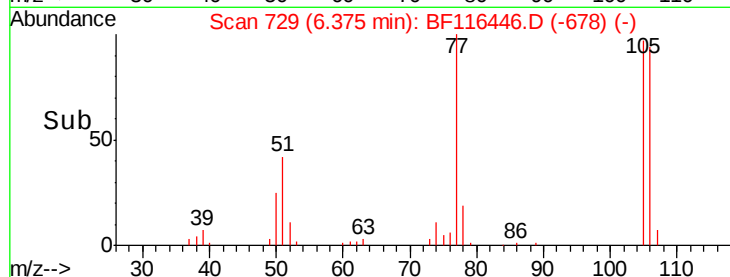
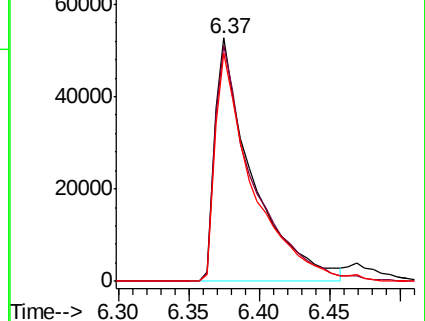
106 93.7 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.107 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

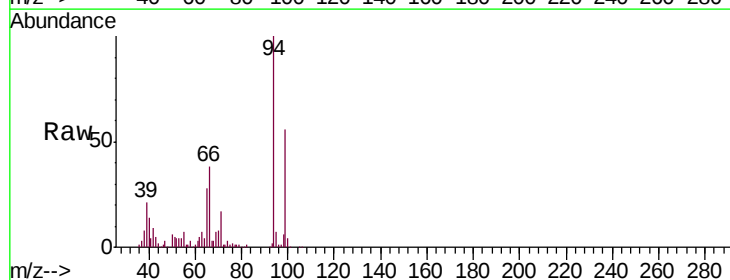
Tgt Ion: 94 Resp: 318712

Ion Ratio Lower Upper

94 100

65 28.0 16.8 56.8

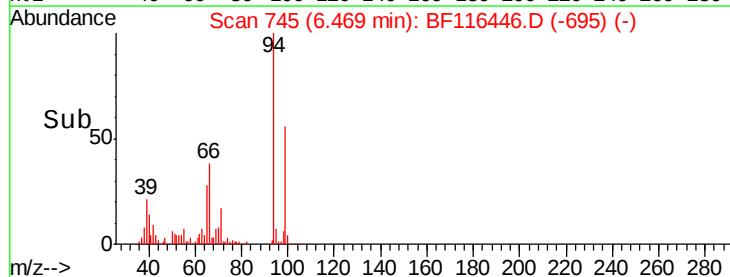
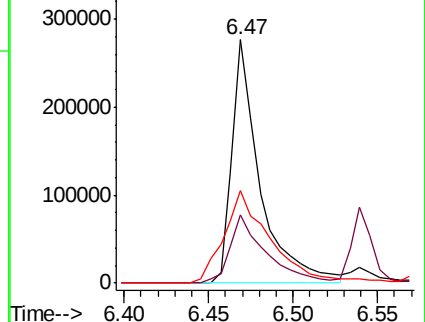
66 38.1 34.2 74.2

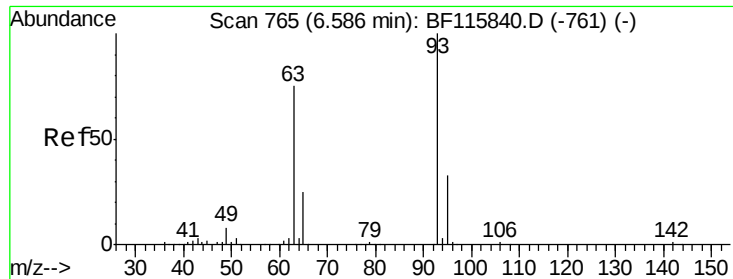


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

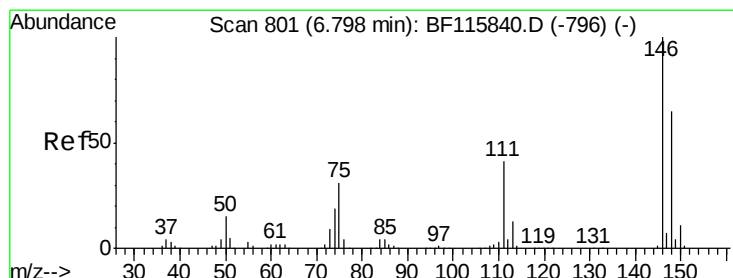
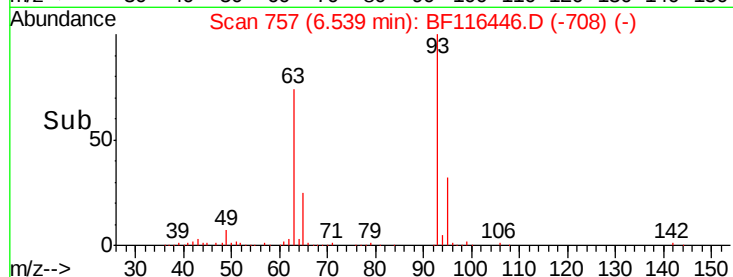
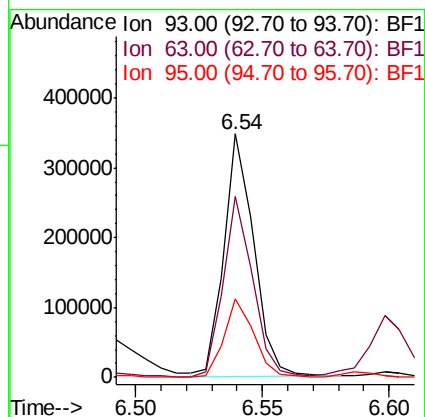
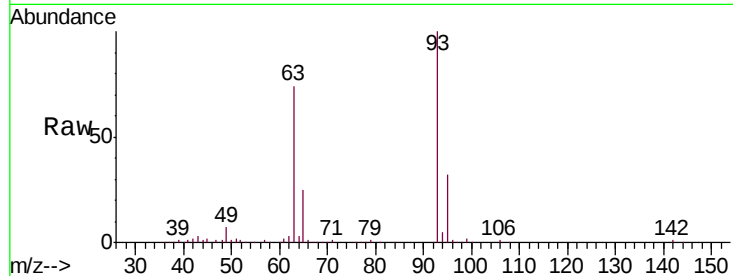




#11
bis(2-Chloroethyl)ether
Concen: 49.802 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

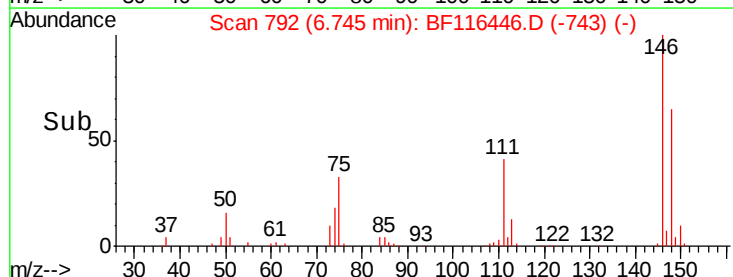
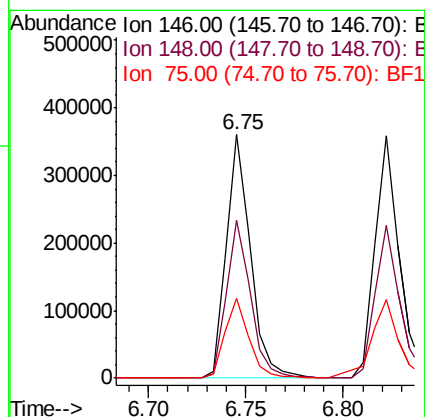
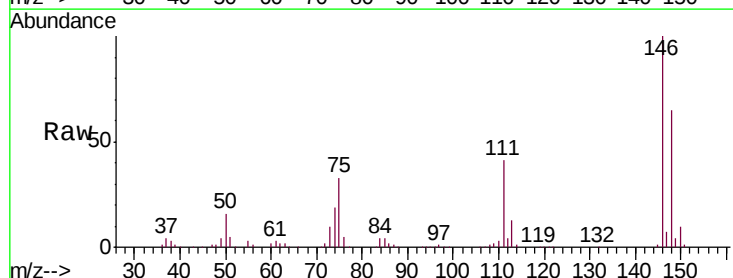
Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

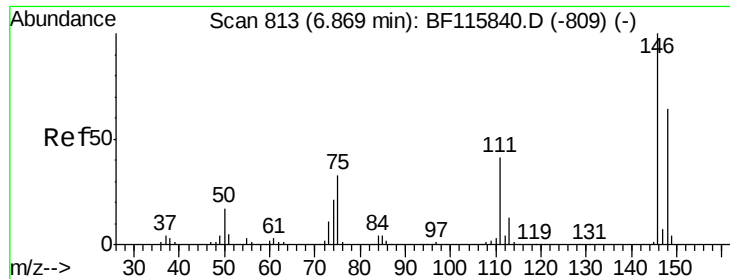
Tot Ion: 93 Resp: 283882
Ion Ratio Lower Upper
93 100
63 74.2 51.9 91.9
95 32.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 46.413 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion: 146 Resp: 309526
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
75 32.7 27.4 41.2

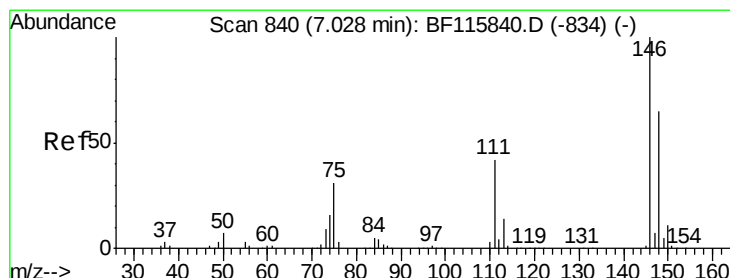
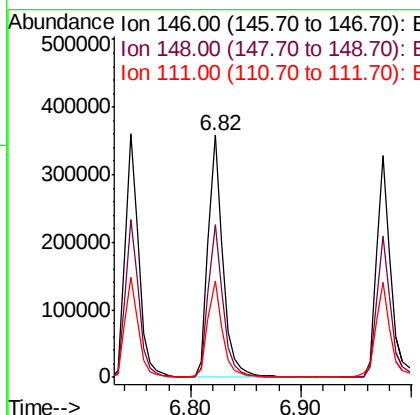
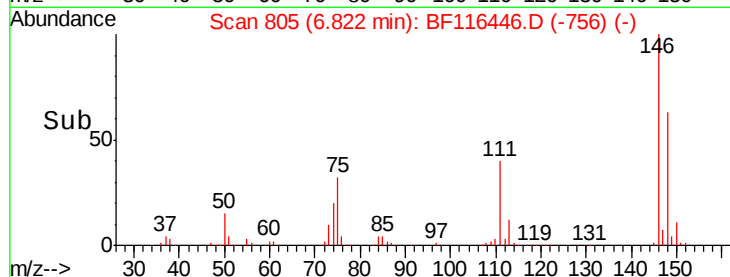
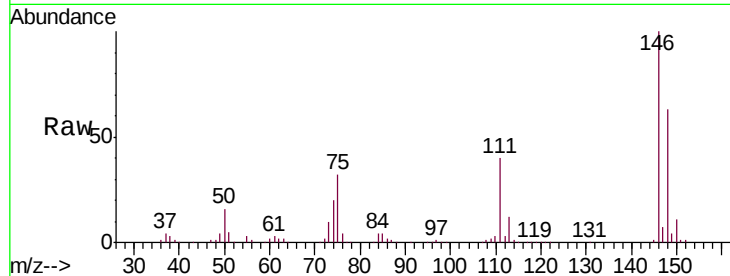




#13
 1,4-Dichlorobenzene
 Concen: 48.089 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

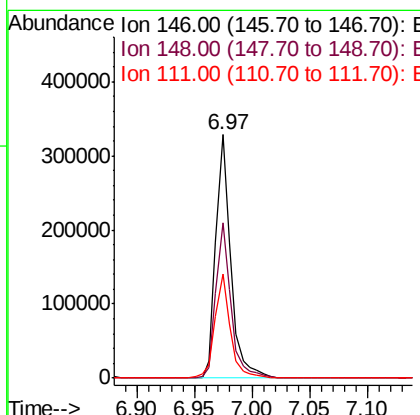
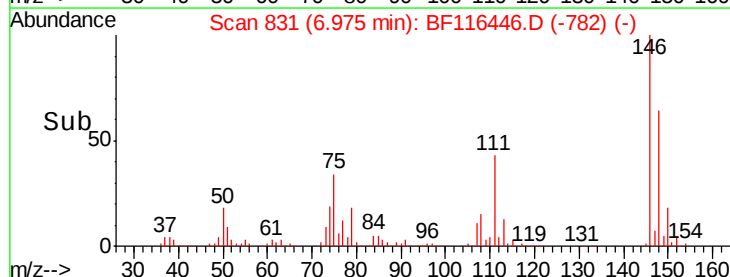
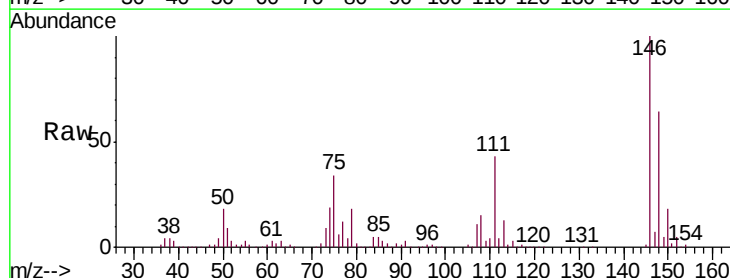
Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

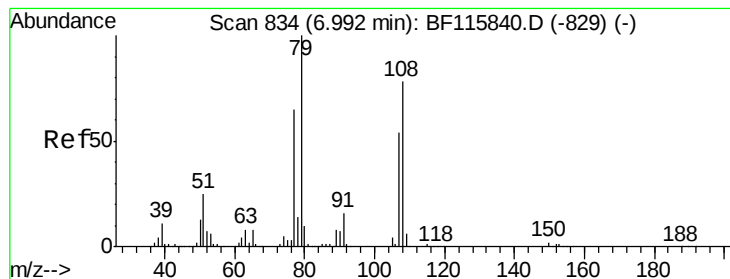
Tot Ion:146 Resp: 321110
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.3 76.9
 111 40.1 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 48.239 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion:146 Resp: 296593
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.2 76.8
 111 42.8 33.5 50.3





#15

Benzyl Alcohol

Concen: 47.012 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

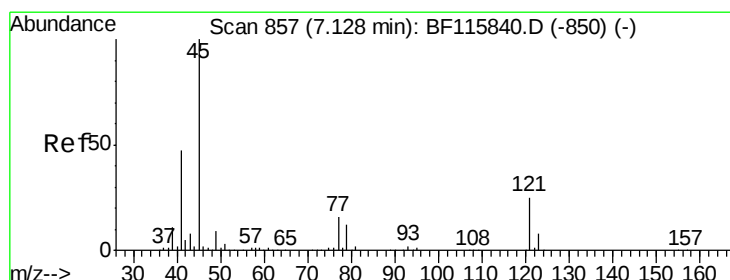
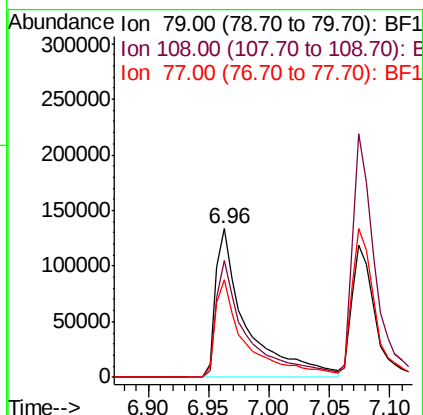
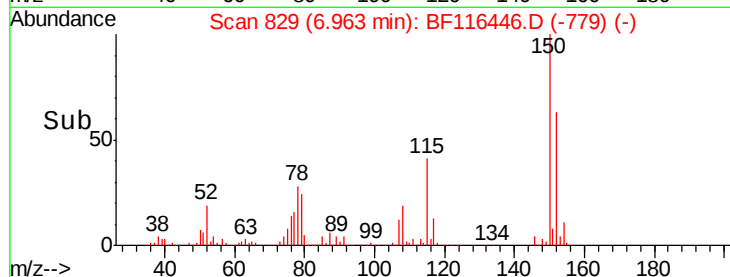
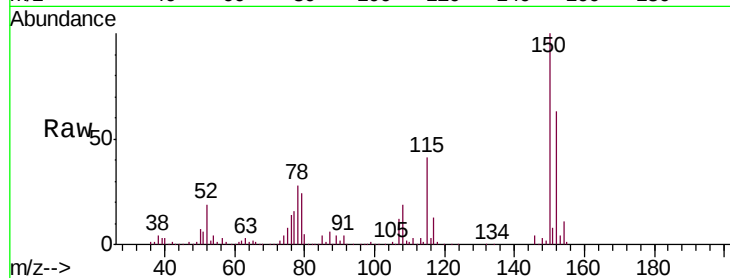
Tot Ion: 79 Resp: 234894

Ion Ratio Lower Upper

79 100

108 78.4 62.7 94.1

77 65.8 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.900 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

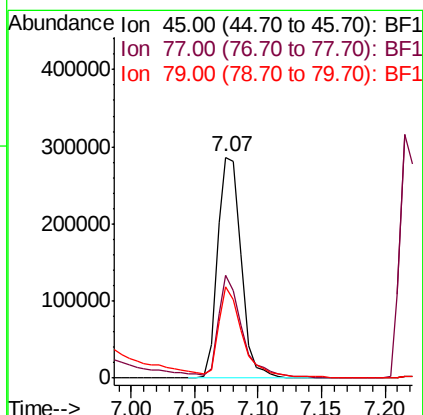
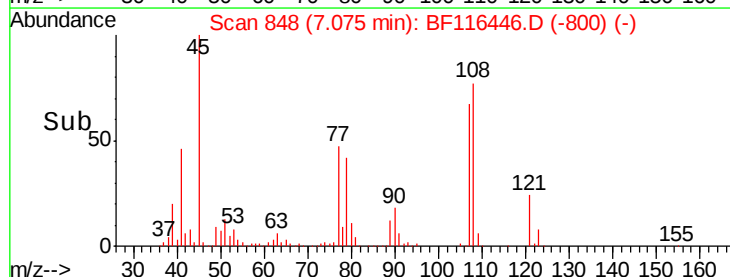
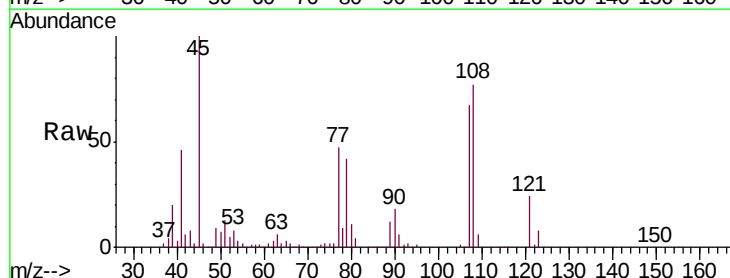
Tgt Ion: 45 Resp: 372431

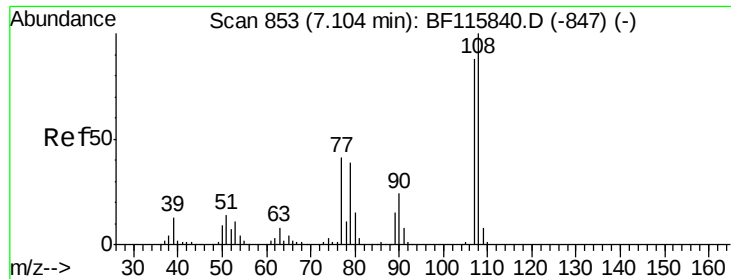
Ion Ratio Lower Upper

45 100

77 46.6 0.0 40.0#

79 41.5 0.0 35.9#

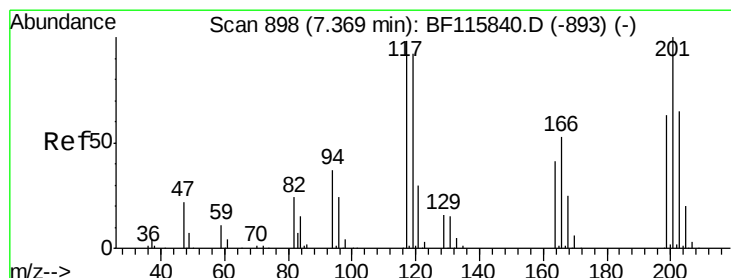
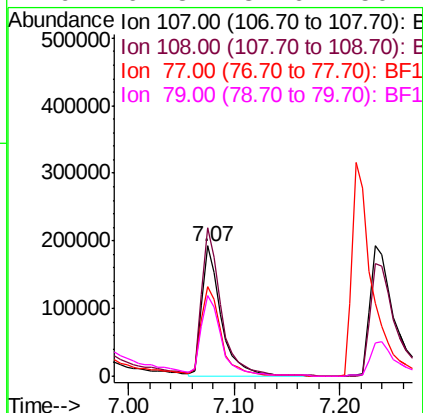
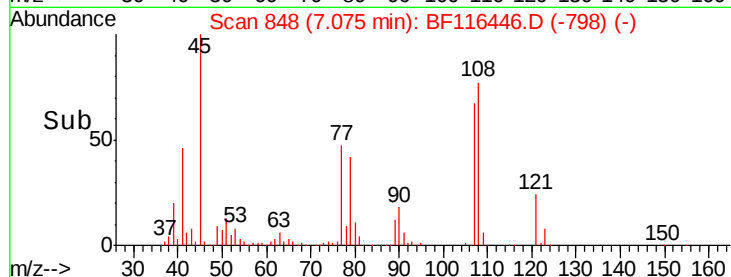
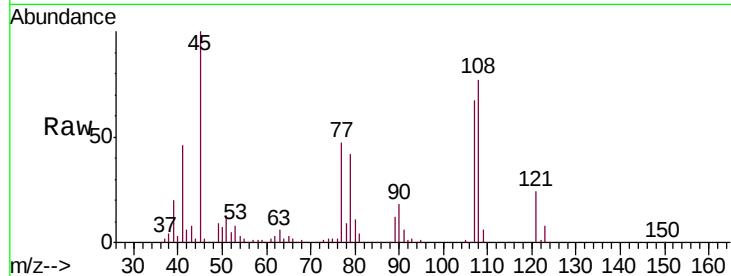




#17
2-Methylphenol
Concen: 49.884 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

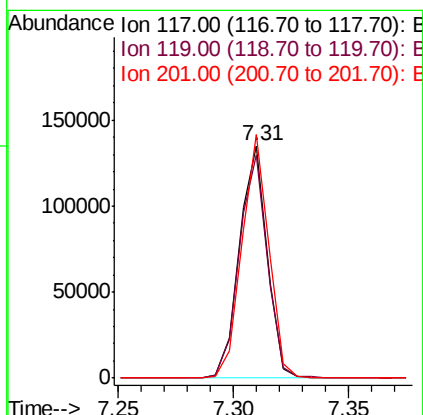
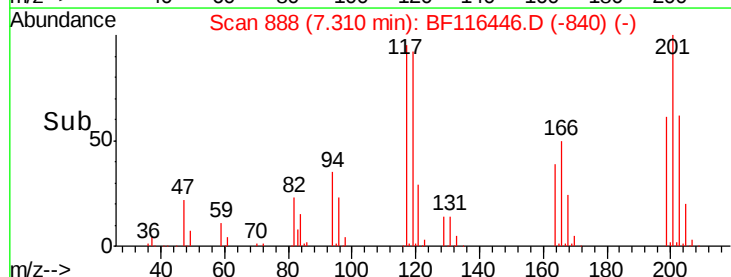
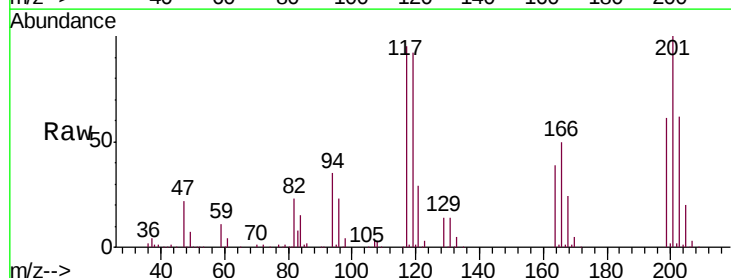
Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.2	136.8
77	69.4	40.3	60.5
79	61.8	37.6	56.4



#18
Hexachloroethane
Concen: 46.011 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.1	114.1
201	104.8	77.0	115.4

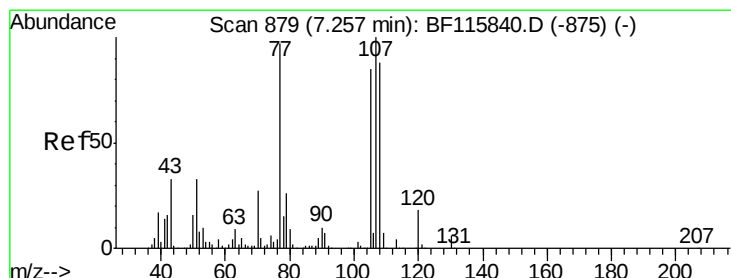
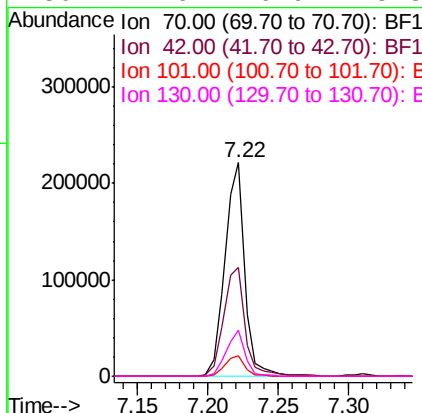
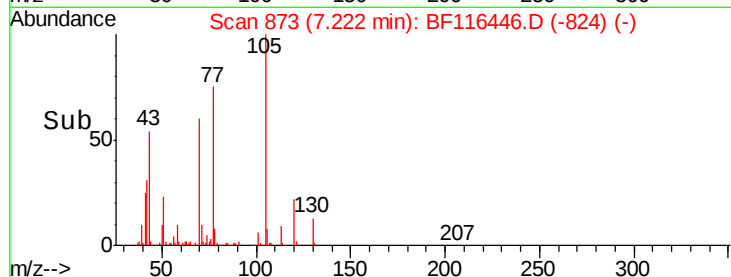
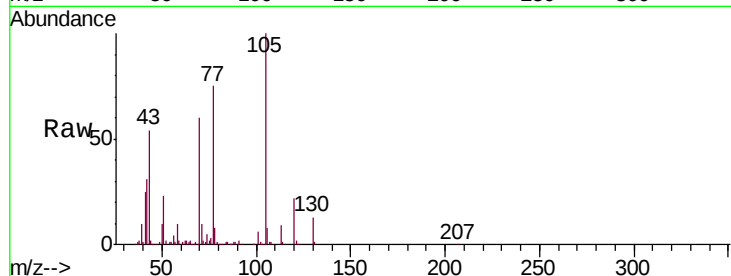




#19
n-Nitroso-di-n-propylamine
Concen: 52.964 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

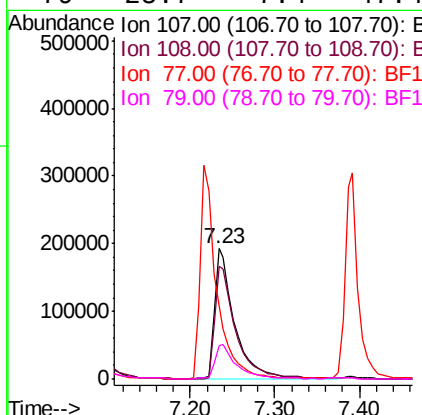
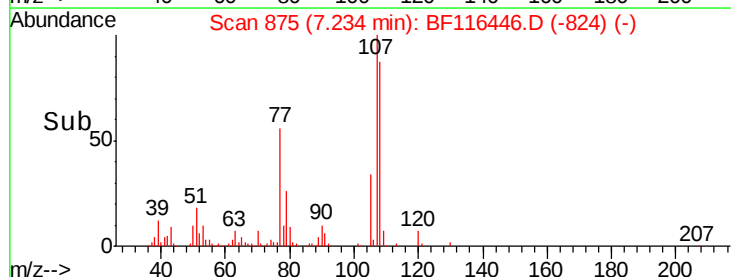
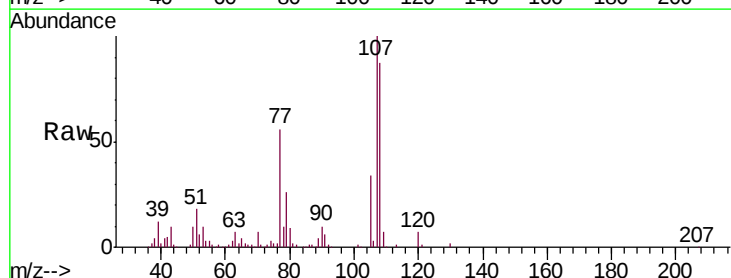
Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

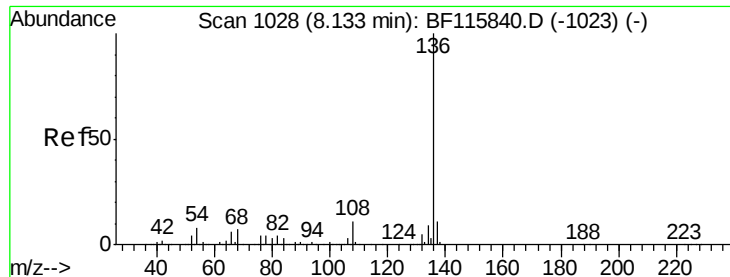
Tot Ion:	70	Resp:	216087
Ion	Ratio	Lower	Upper
70	100		
42	51.2	40.9	61.3
101	9.6	7.9	11.9
130	21.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 56.098 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion:	107	Resp:	324366
Ion	Ratio	Lower	Upper
107	100		
108	86.9	67.6	107.6
77	56.0	104.4	144.4#
79	25.7	7.4	47.4

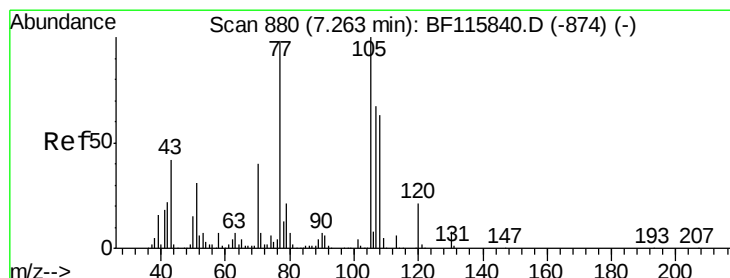
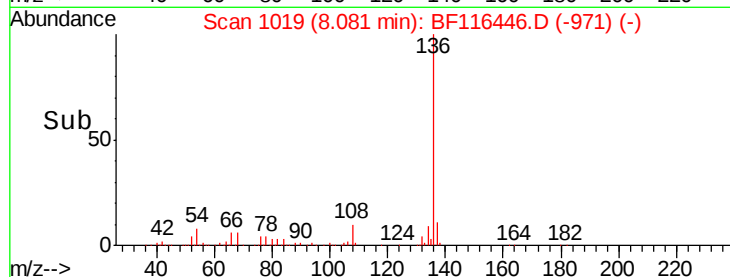
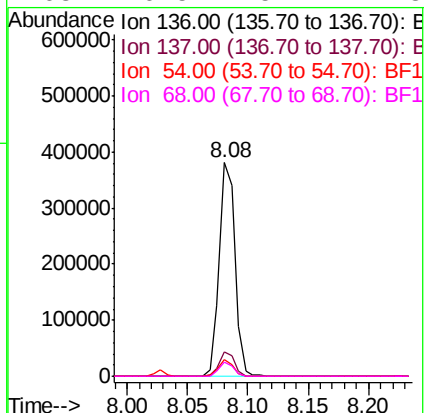
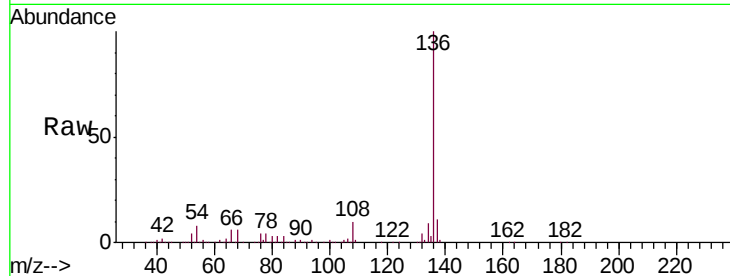




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

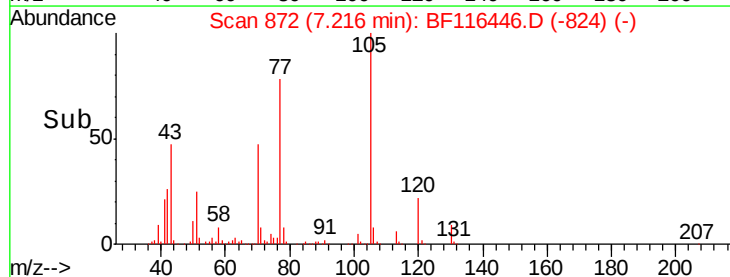
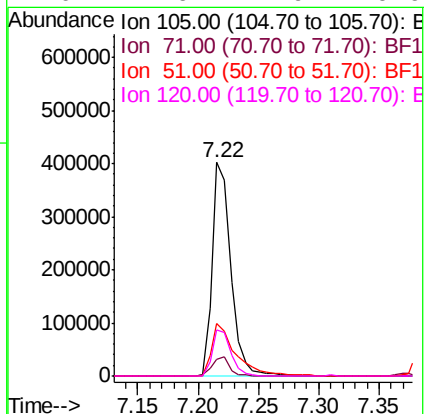
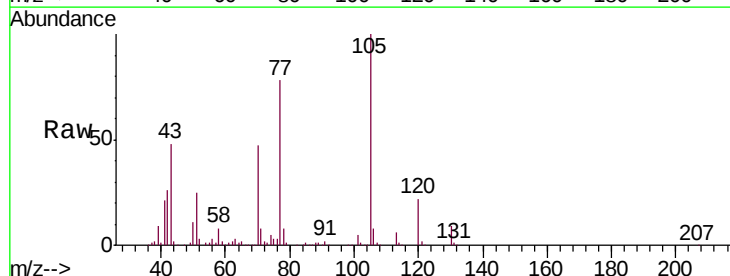
Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

Tot Ion:136	Resp:	341196
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	7.7	5.8 8.6
68	6.5	5.2 7.8



#22
Acetophenone
Concen: 56.722 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion:105	Resp:	424443
Ion Ratio	Lower	Upper
105	100	
71	7.9	5.9 8.9
51	24.8	25.3 37.9#
120	21.6	17.9 26.9

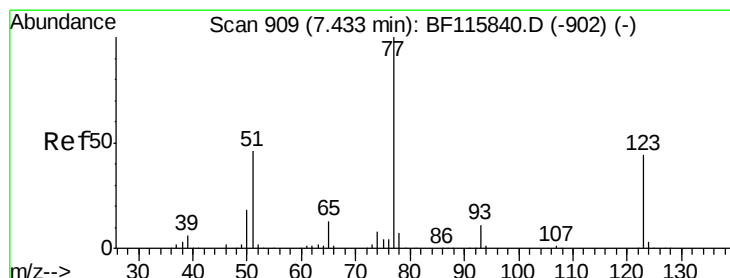
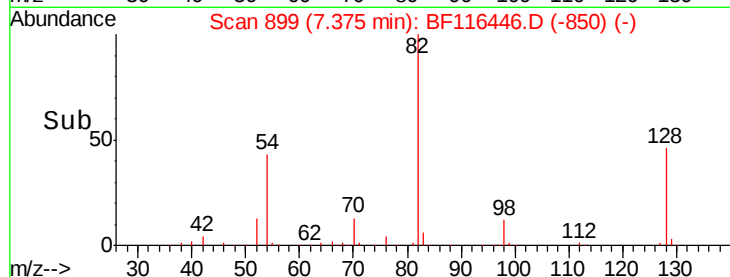
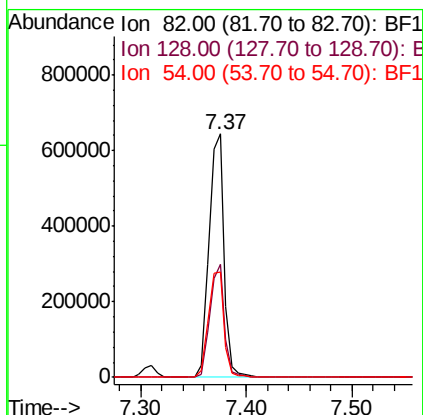
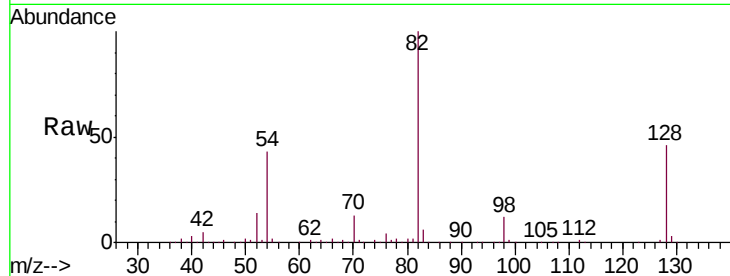




#23
 Nitrobenzene-d5
 Concen: 109.458 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

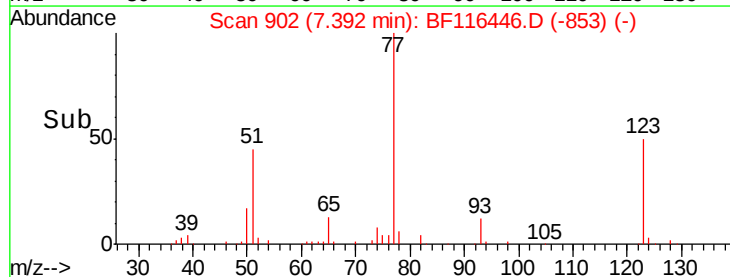
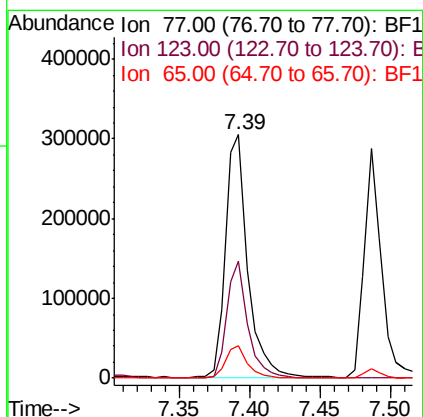
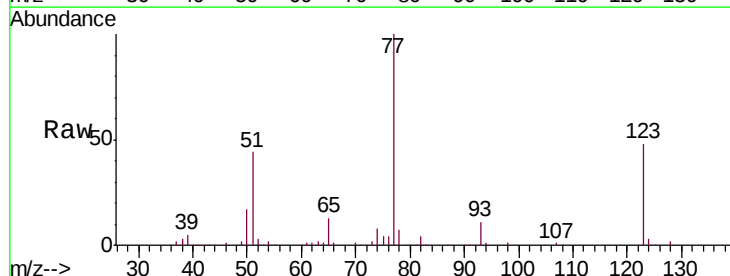
Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

Tot Ion: 82 Resp: 646995
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.5 54.7
 54 43.2 36.0 54.0



#24
 Nitrobenzene
 Concen: 52.328 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion: 77 Resp: 333981
 Ion Ratio Lower Upper
 77 100
 123 48.2 36.7 55.1
 65 13.1 10.6 16.0

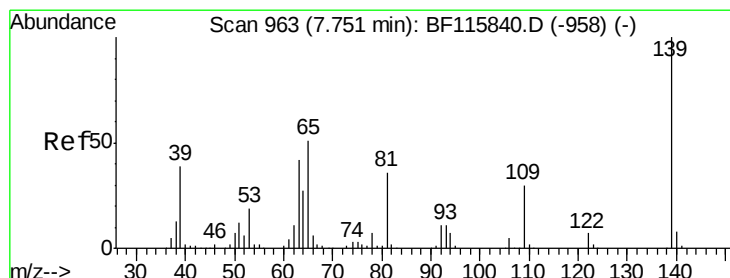
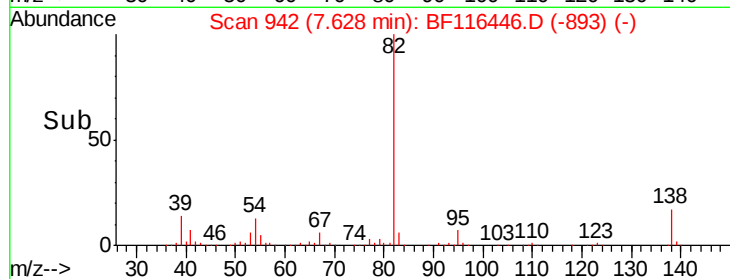
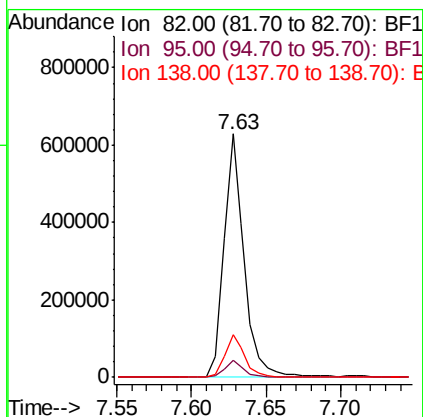
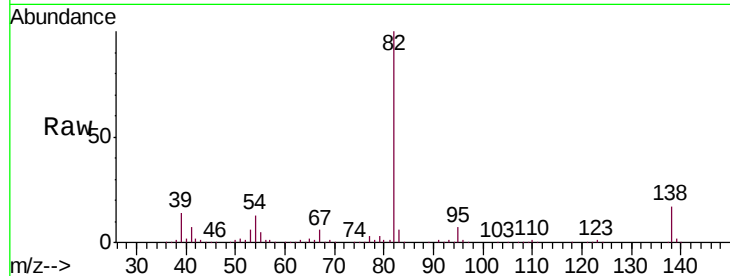




#25
Isophorone
Concen: 52.959 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

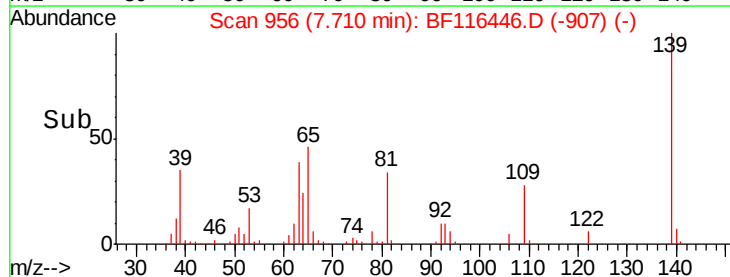
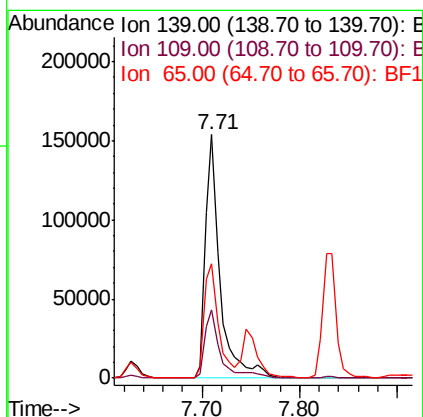
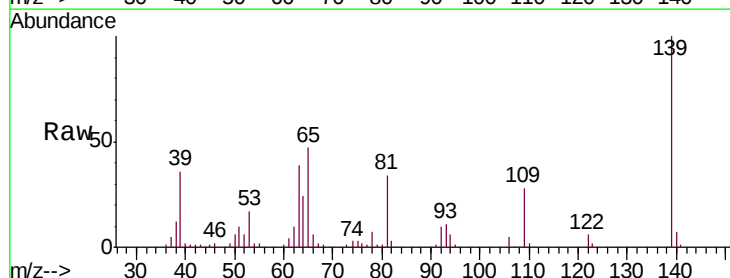
Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

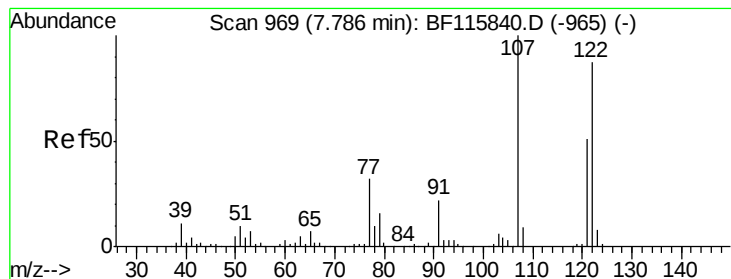
Tot Ion: 82 Resp: 598573
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.5 14.5 21.7



#26
2-Nitrophenol
Concen: 53.291 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion: 139 Resp: 160327
Ion Ratio Lower Upper
139 100
109 28.1 23.4 35.2
65 47.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 60.555 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

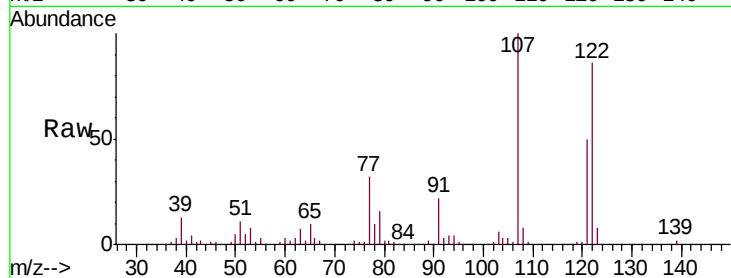
Tot Ion:122 Resp: 274093

Ion Ratio Lower Upper

122 100

107 116.2 93.0 139.6

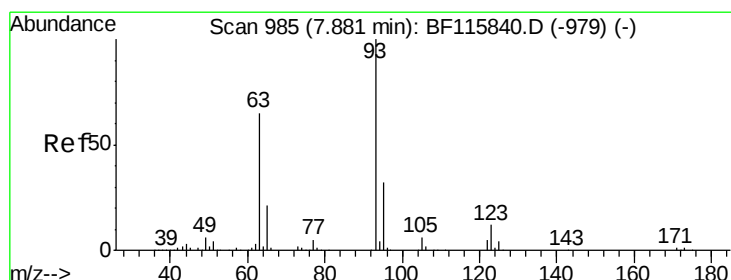
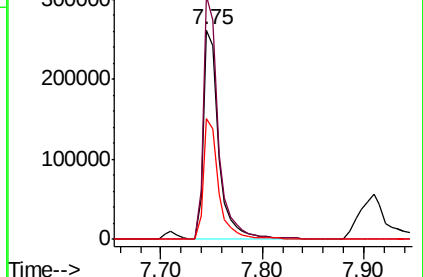
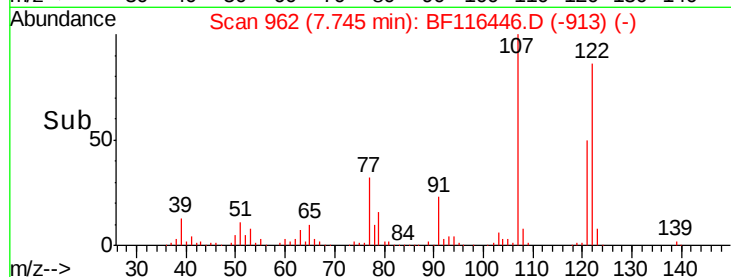
121 57.6 47.6 71.4



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: 52.862 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

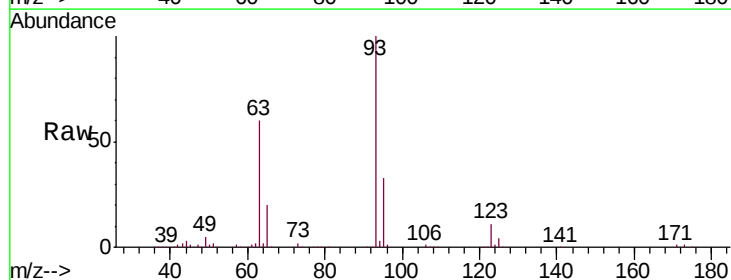
Tgt Ion: 93 Resp: 370326

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

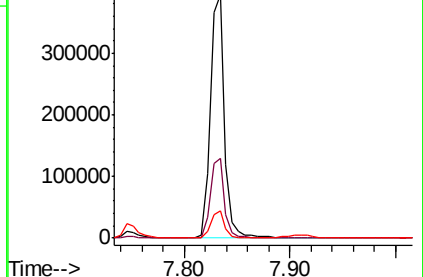
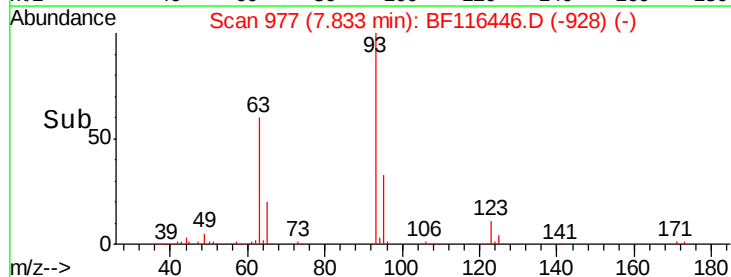
123 11.5 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

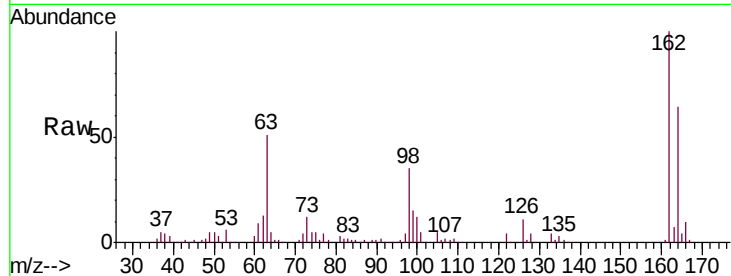




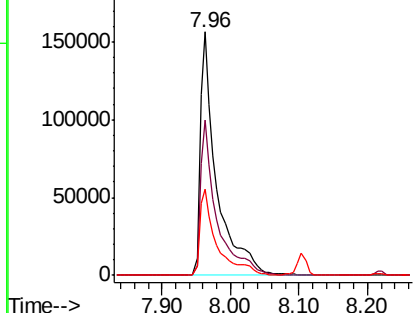
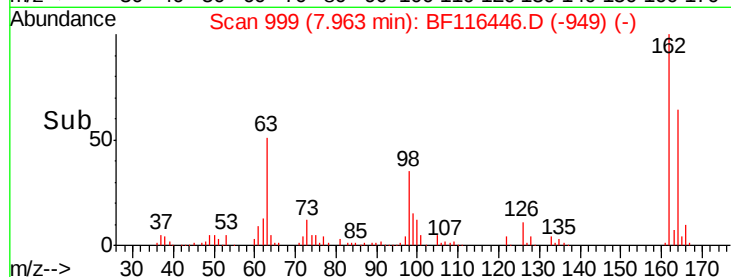
#29
 2,4-Dichlorophenol
 Concen: 54.833 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.1	85.1
98	35.2	15.8	55.8

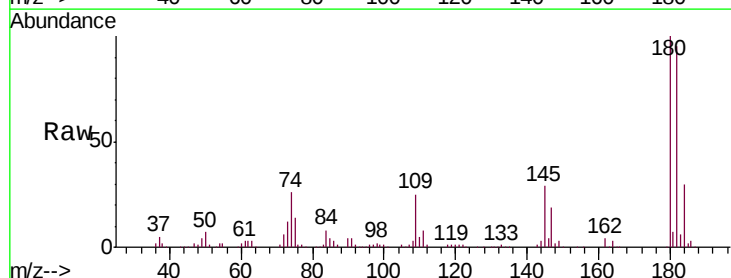


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

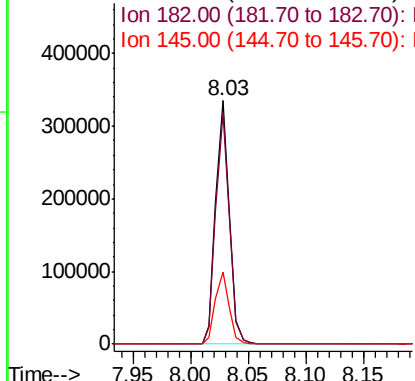
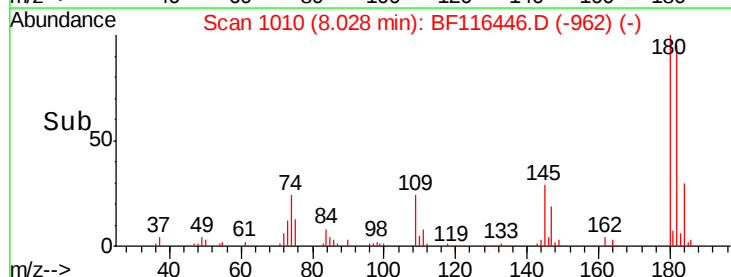


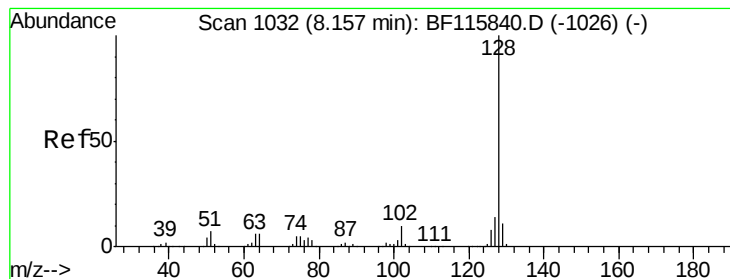
#30
 1,2,4-Trichlorobenzene
 Concen: 50.602 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.7	113.5
145	29.4	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: 54.019 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

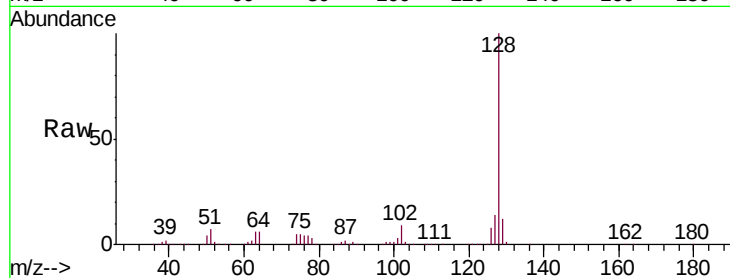
Tot Ion:128 Resp: 867332

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

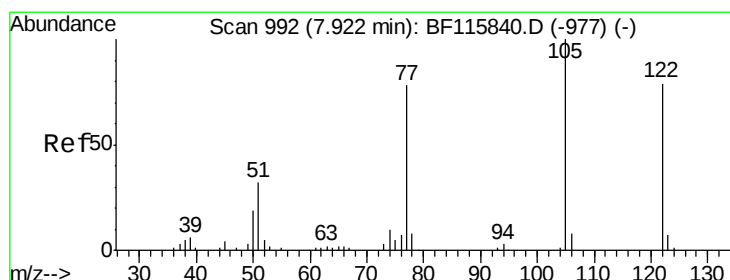
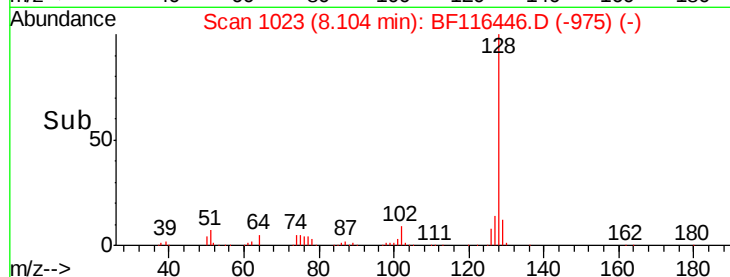
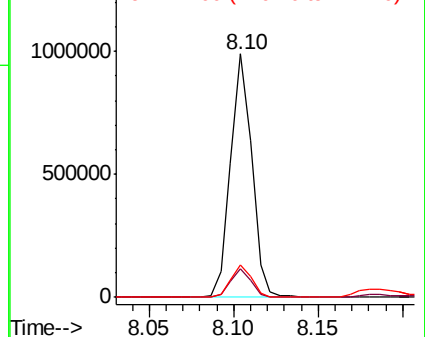
127 13.5 11.4 17.0



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: 37.397 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

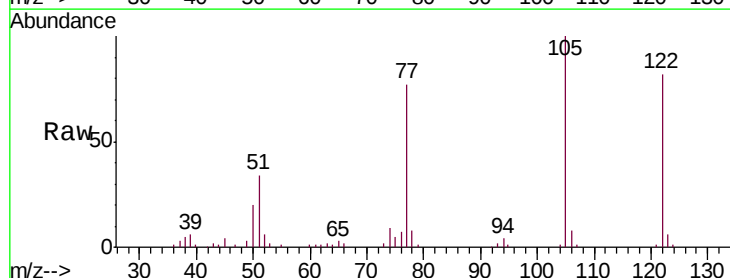
Tgt Ion:122 Resp: 119342

Ion Ratio Lower Upper

122 100

105 121.6 106.1 146.1

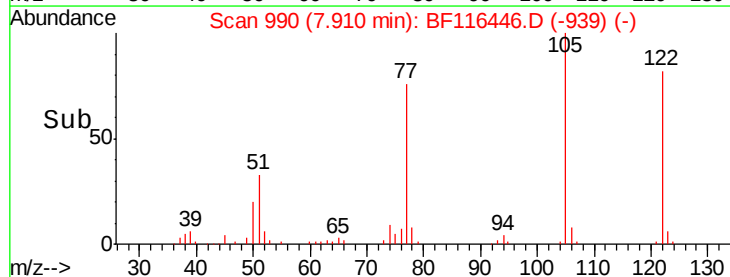
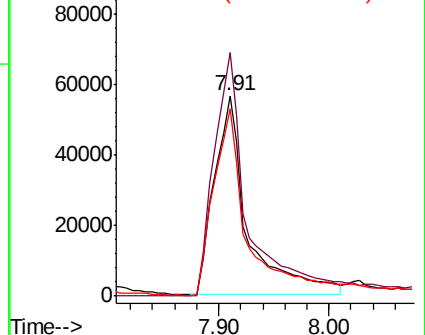
77 93.3 76.7 116.7

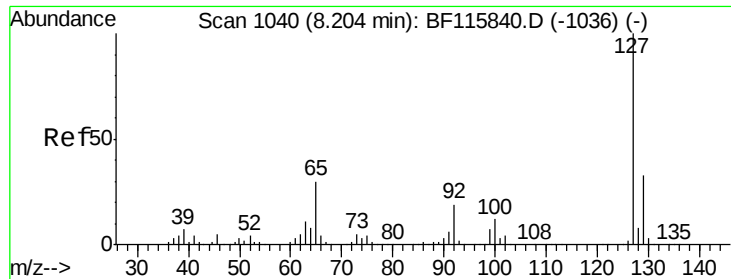


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

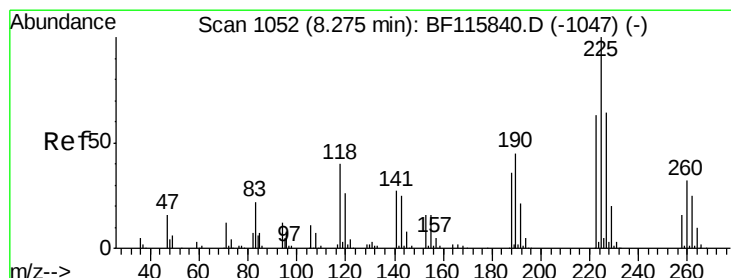
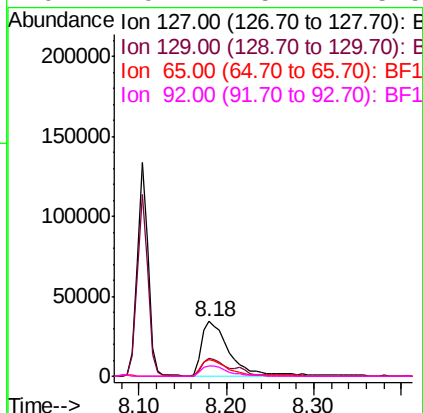
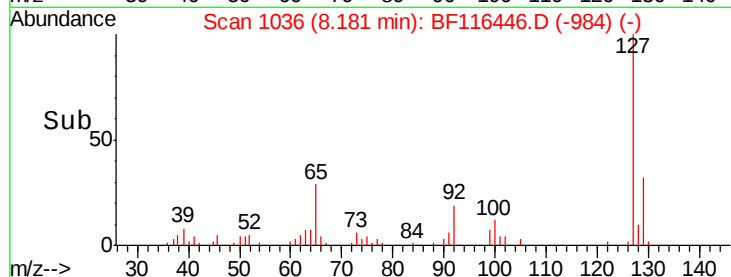
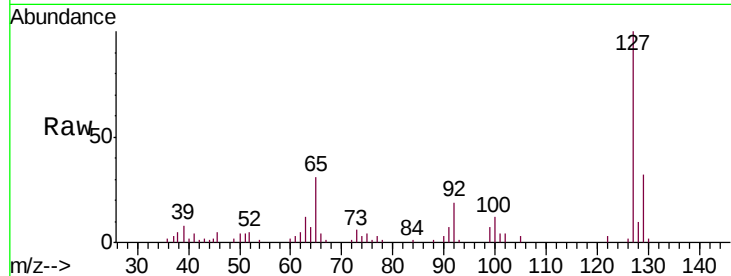




#33
4-Chloroaniline
Concen: 10.399 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

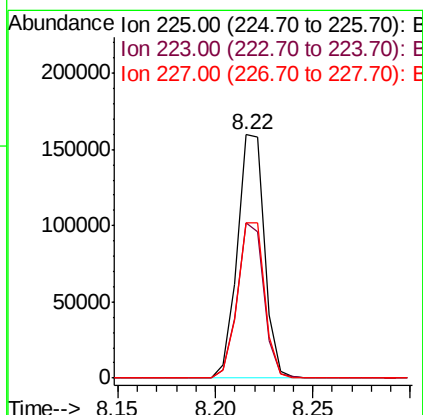
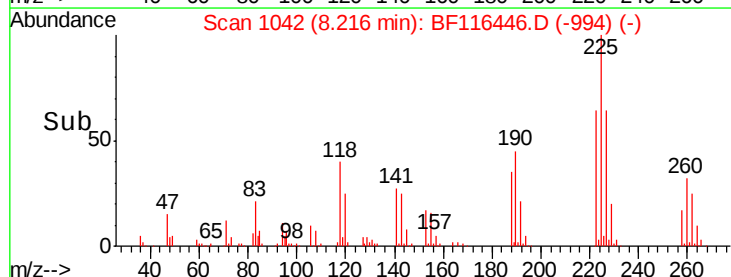
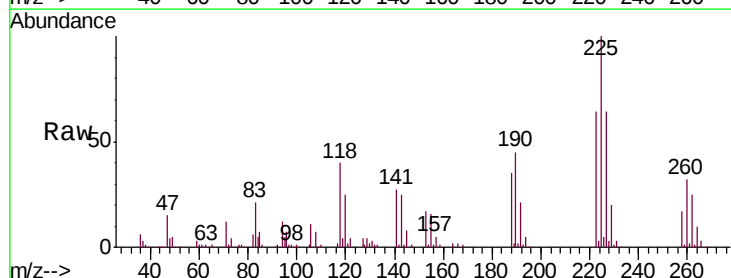
Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

Tot Ion:	127	Resp:	74602
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	30.9	24.9	37.3
92	19.2	15.7	23.5



#34
Hexachlorobutadiene
Concen: 48.982 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion:	225	Resp:	153702
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.0	75.0
227	63.8	51.0	76.4

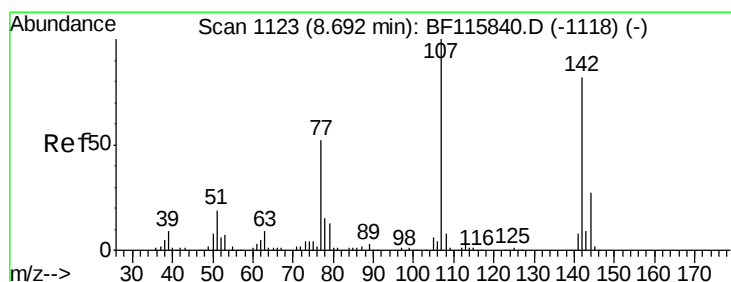
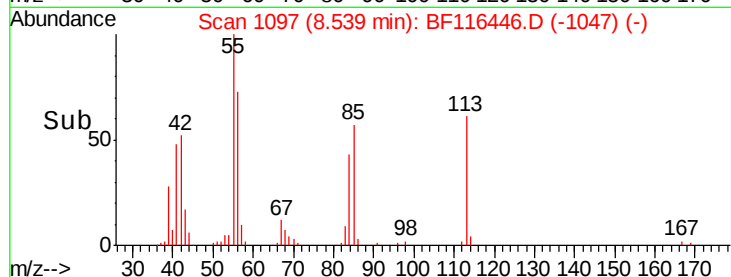
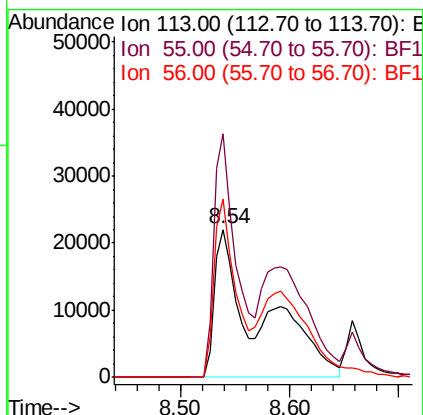
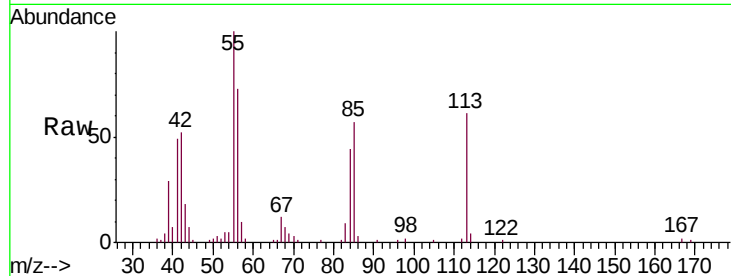




#35
Caprolactam
Concen: 40.442 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

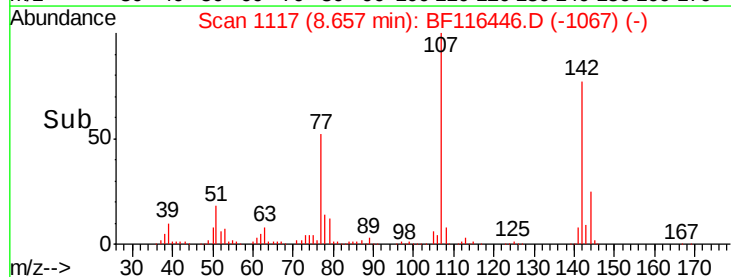
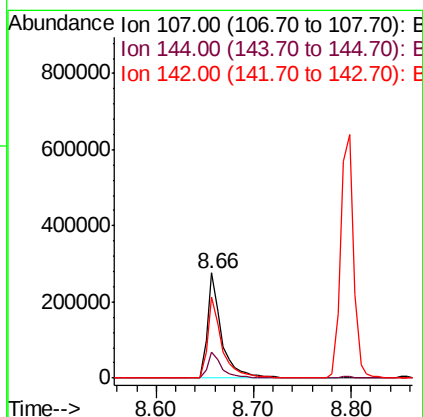
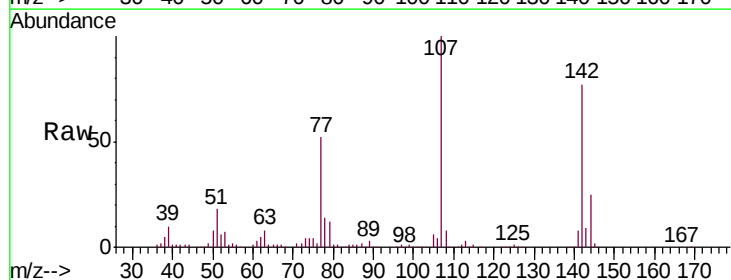
Instrument :
BNA_F
ClientSampleID :
T1-L(0-2.5)MS

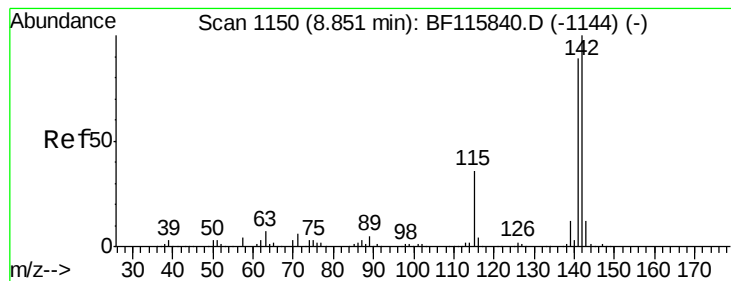
Tot Ion:113 Resp: 62512
Ion Ratio Lower Upper
113 100
55 164.5 144.3 184.3
56 120.5 97.1 137.1



#36
4-Chloro-3-methylphenol
Concen: 55.908 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion:107 Resp: 277969
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 77.3 61.7 92.5





#37

2-Methylnaphthalene

Concen: 55.470 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

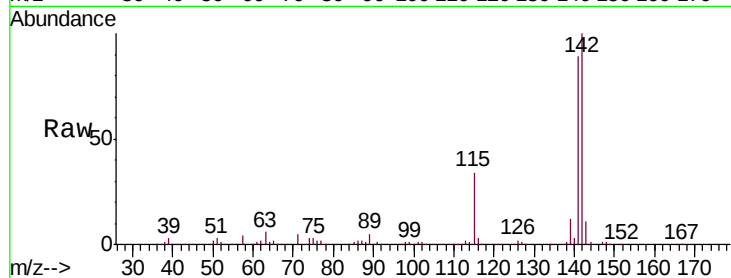
Tot Ion:142 Resp: 586557

Ion Ratio Lower Upper

142 100

141 88.5 70.9 106.3

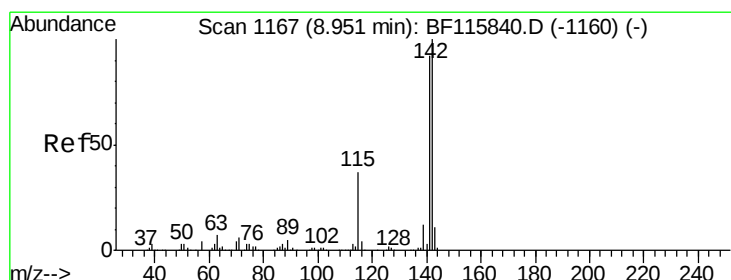
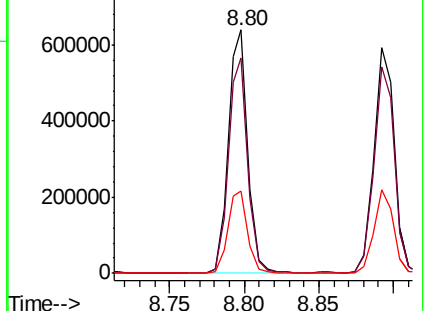
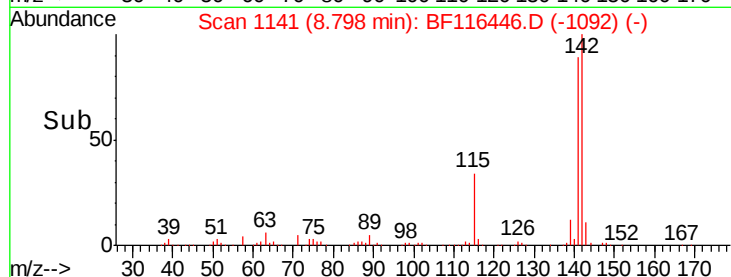
115 34.0 29.0 43.6



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: 54.991 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

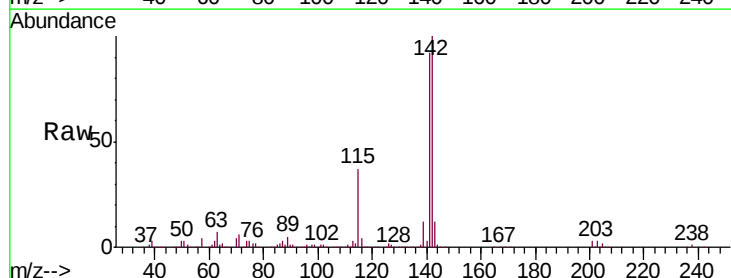
Tgt Ion:142 Resp: 550114

Ion Ratio Lower Upper

142 100

141 91.7 74.4 111.6

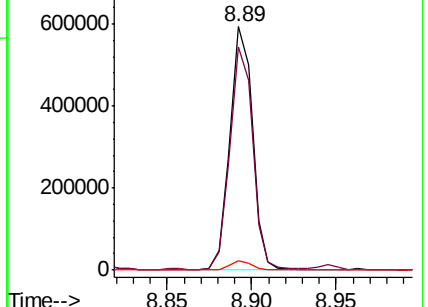
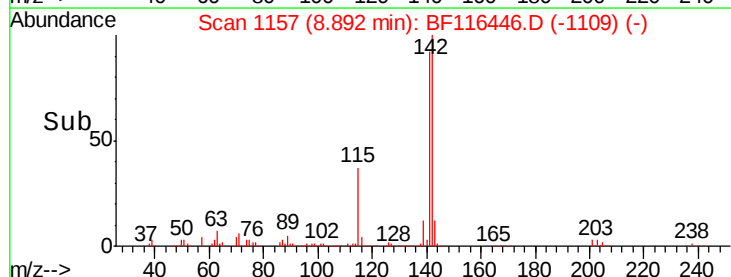
116 4.1 3.1 4.7

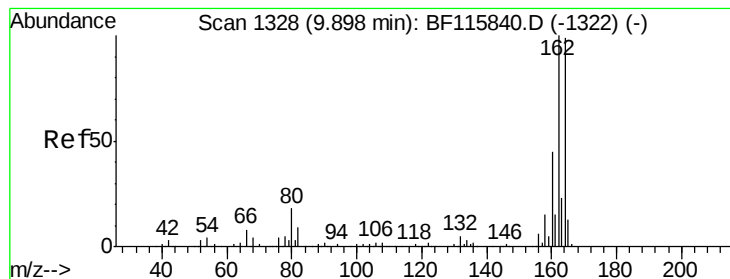


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

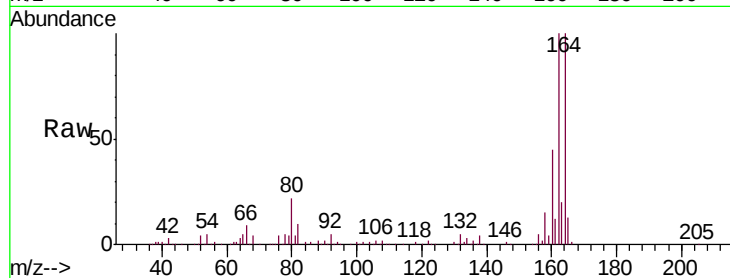
Tot Ion:164 Resp: 187568

Ion Ratio Lower Upper

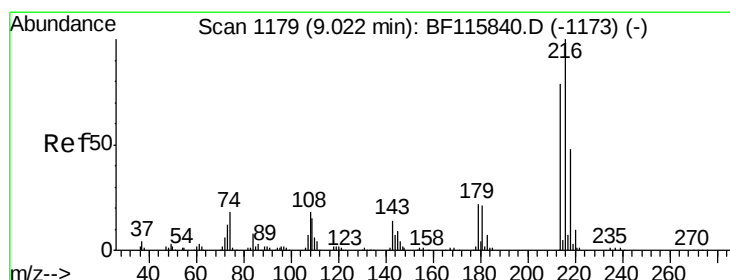
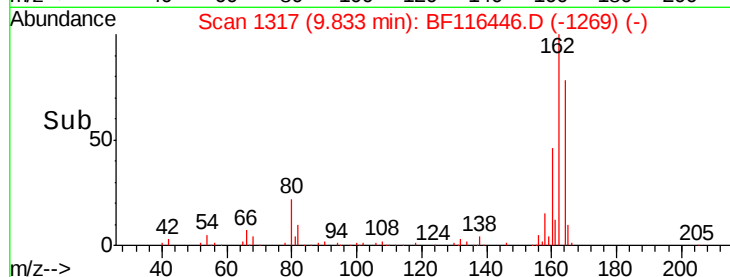
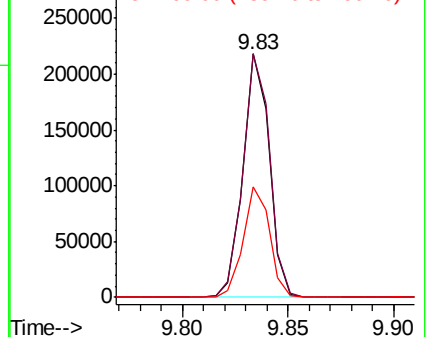
164 100

162 99.9 82.6 124.0

160 45.1 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: 53.104 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Tgt Ion:216 Resp: 266289

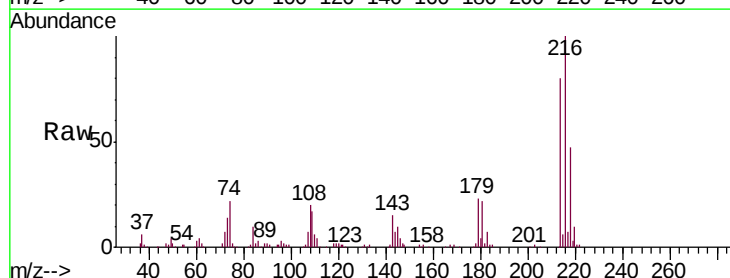
Ion Ratio Lower Upper

216 100

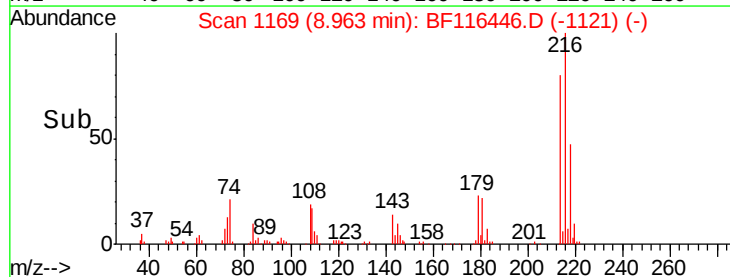
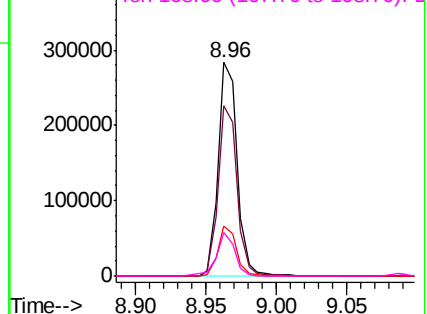
214 79.4 63.6 95.4

179 22.2 17.8 26.8

108 20.1 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





#41

Hexachlorocyclopentadiene

Concen: 37.283 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

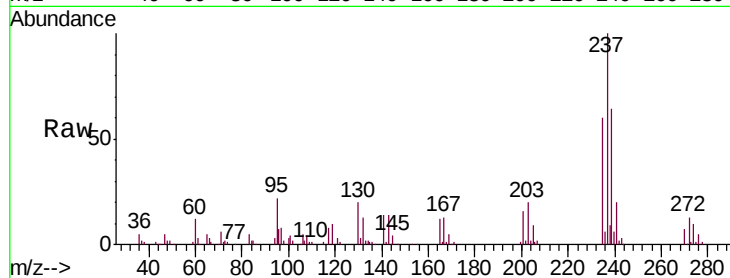
Tot Ion:237 Resp: 76241

Ion Ratio Lower Upper

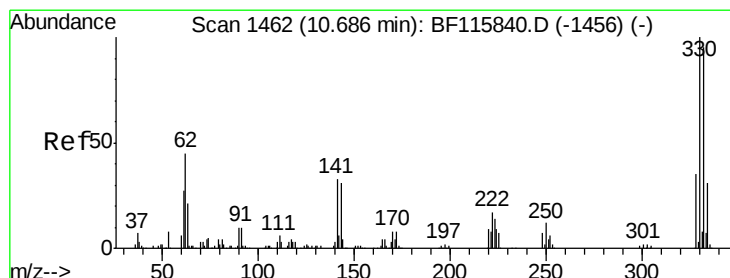
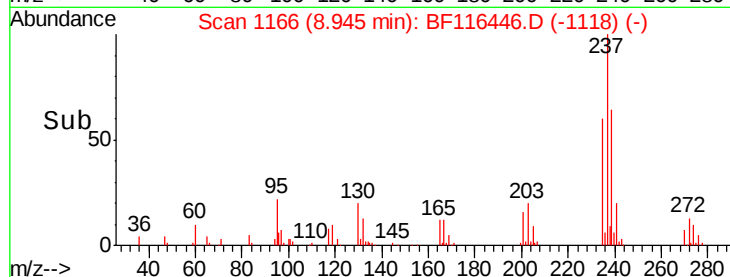
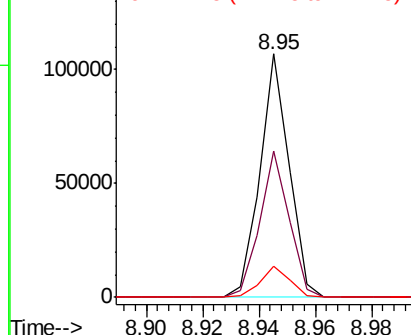
237 100

235 60.3 43.4 83.4

272 12.9 0.0 33.2



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



#42

2,4,6-Tribromophenol

Concen: 163.368 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

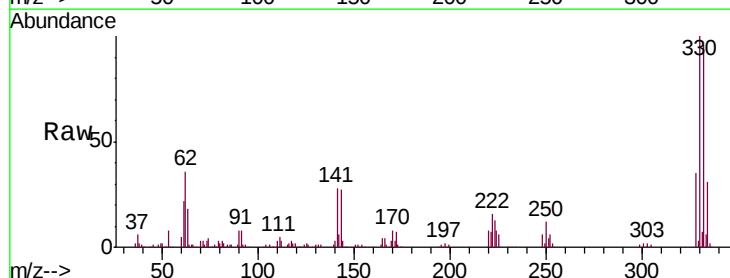
Tgt Ion:330 Resp: 297089

Ion Ratio Lower Upper

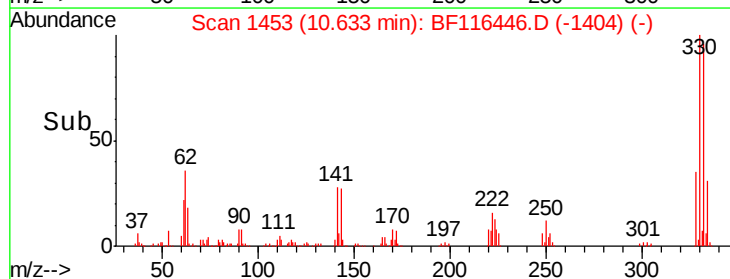
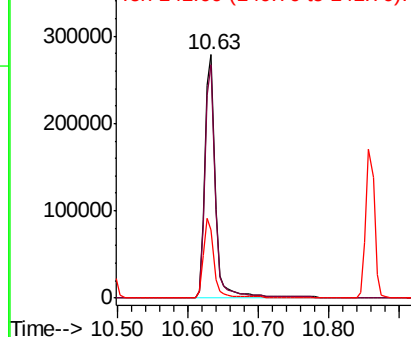
330 100

332 95.5 76.8 115.2

141 32.4 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

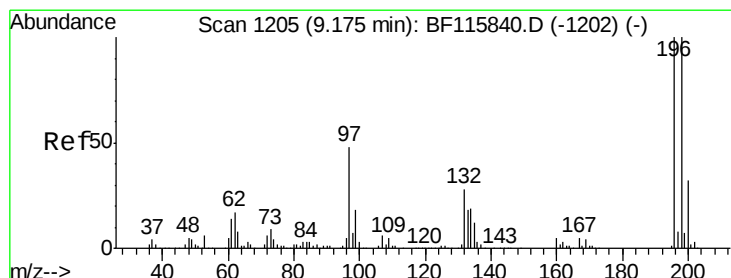
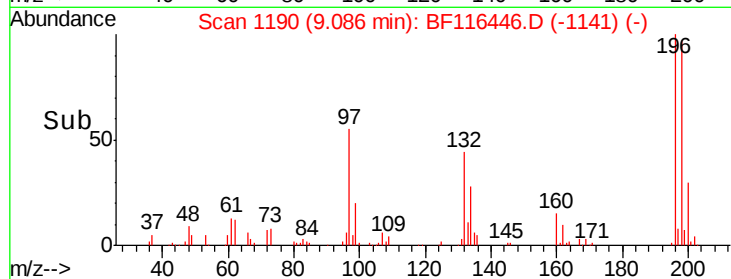
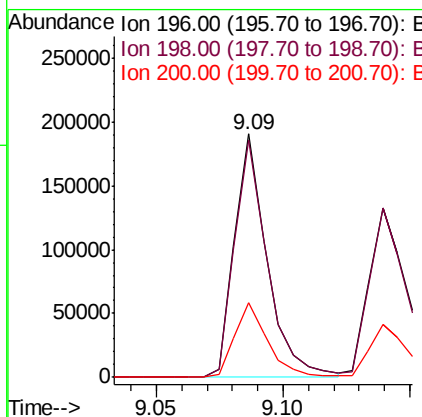
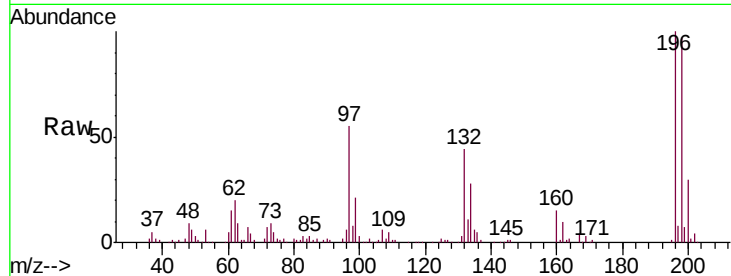




#43
 2,4,6-Trichlorophenol
 Concen: 49.277 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

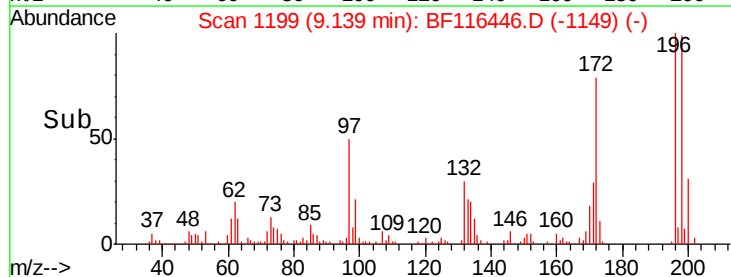
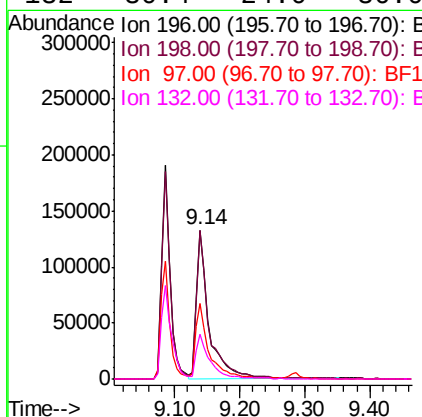
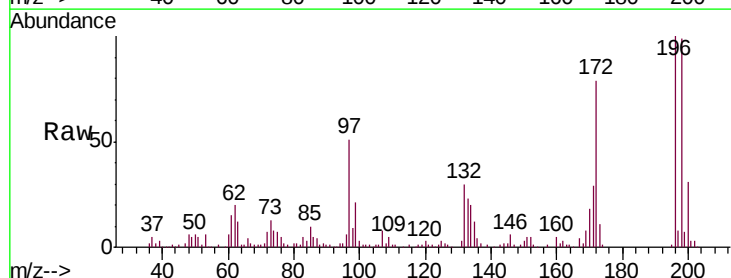
Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

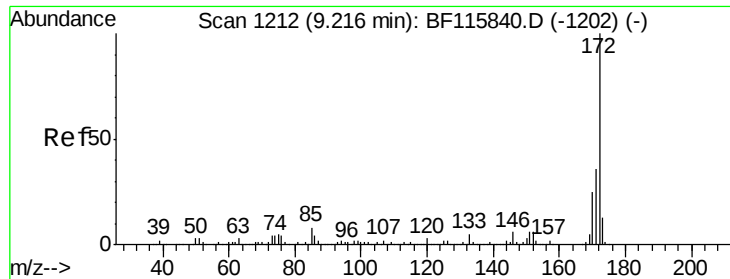
Tot Ion	196	Resp	170079
Ion Ratio	Lower	Upper	
196	100		
198	97.4	79.2	118.8
200	30.5	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 50.761 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion	196	Resp	181107
Ion Ratio	Lower	Upper	
196	100		
198	99.4	78.8	118.2
97	50.9	42.2	63.4
132	30.4	24.0	36.0

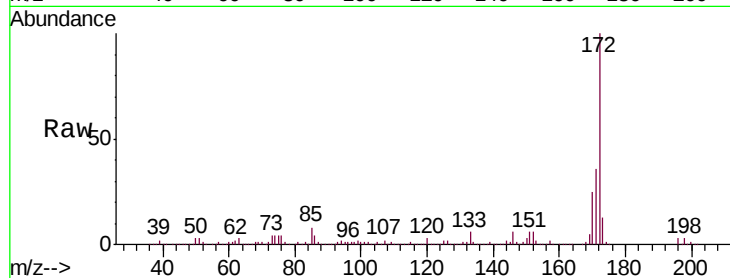




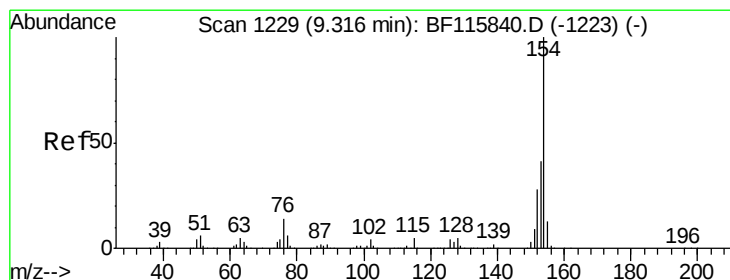
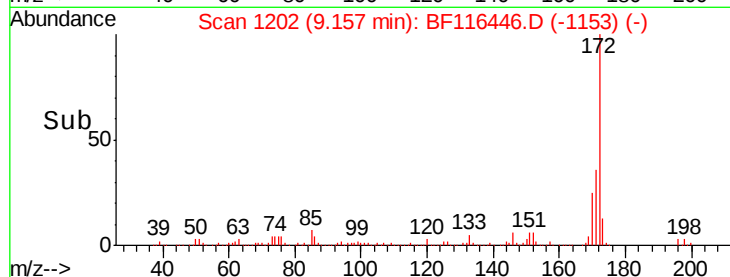
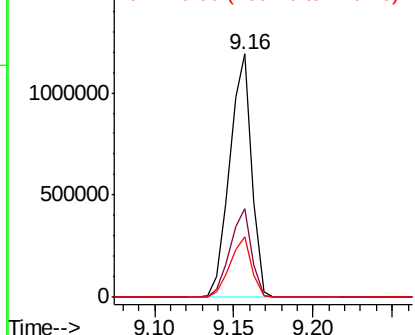
#45
2-Fluorobiphenyl
Concen: 114.183 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

Tot Ion:172 Resp: 1143416
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.9 20.1 30.1

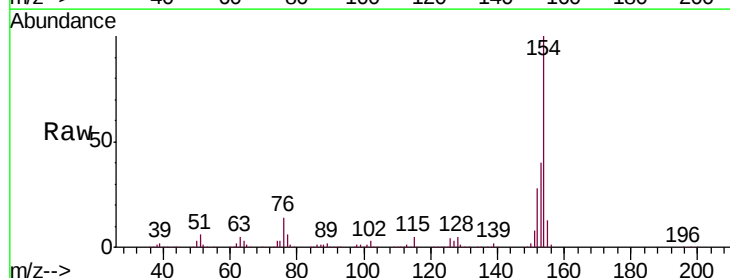


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

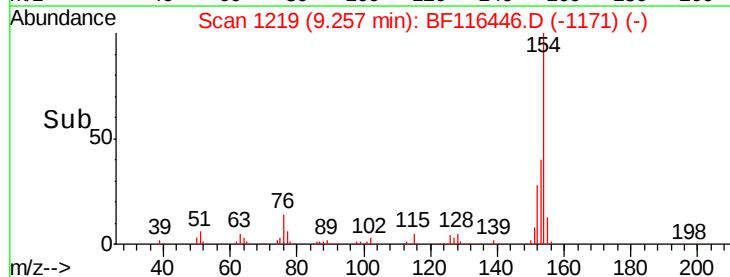
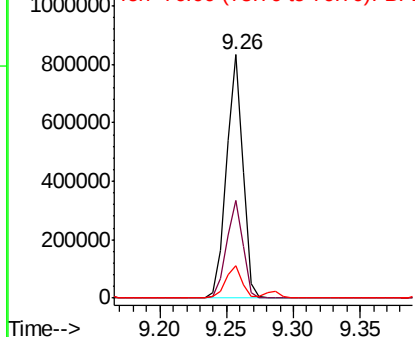


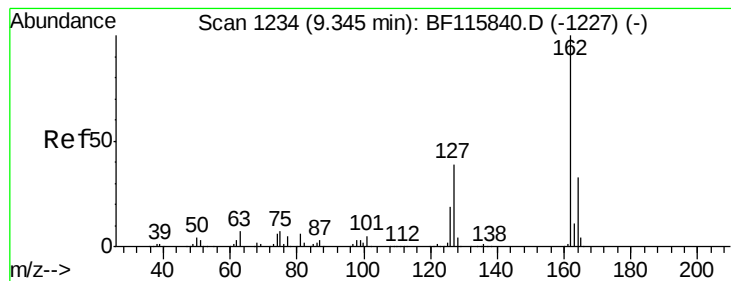
#46
1,1'-Biphenyl
Concen: 54.915 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion:154 Resp: 727200
Ion Ratio Lower Upper
154 100
153 40.2 21.4 61.4
76 13.6 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: 51.544 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

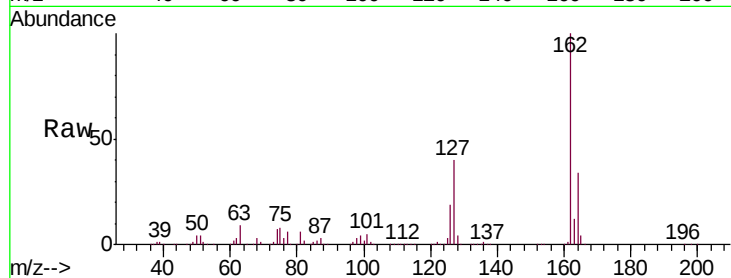
Tot Ion:162 Resp: 568090

Ion Ratio Lower Upper

162 100

127 40.1 32.8 49.2

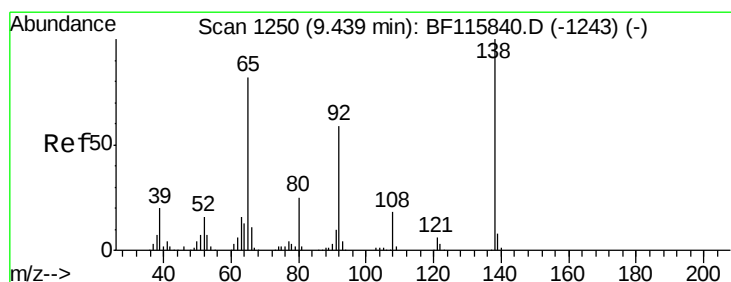
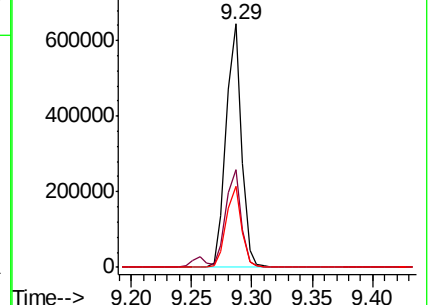
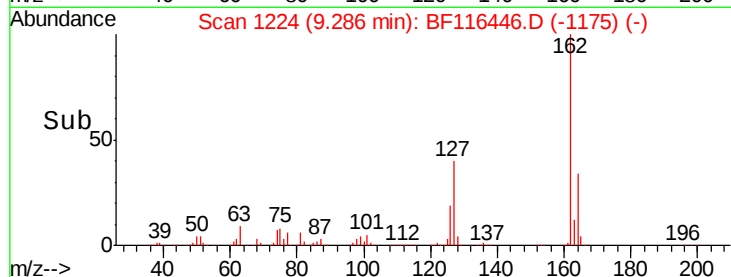
164 33.5 26.6 39.8



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: 50.465 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

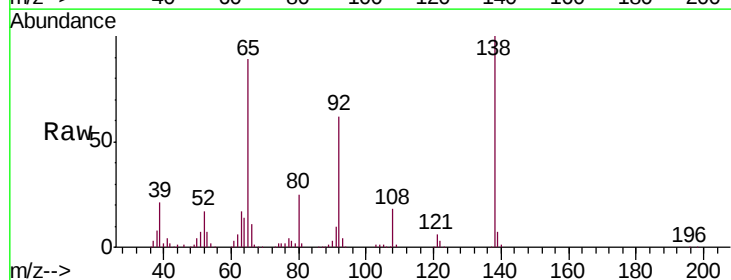
Tgt Ion: 65 Resp: 183844

Ion Ratio Lower Upper

65 100

92 70.3 57.8 86.8

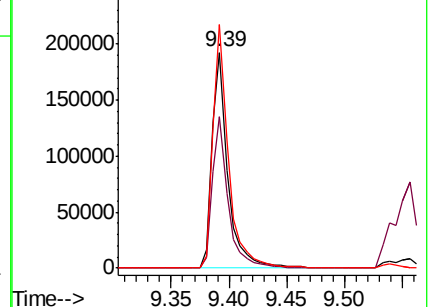
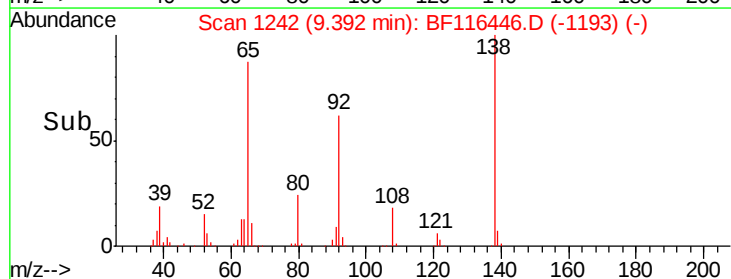
138 112.8 94.0 141.0

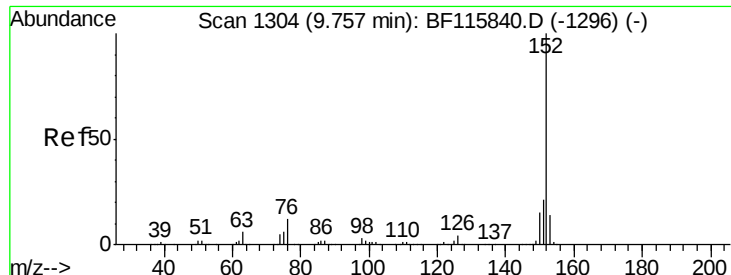


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 53.775 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

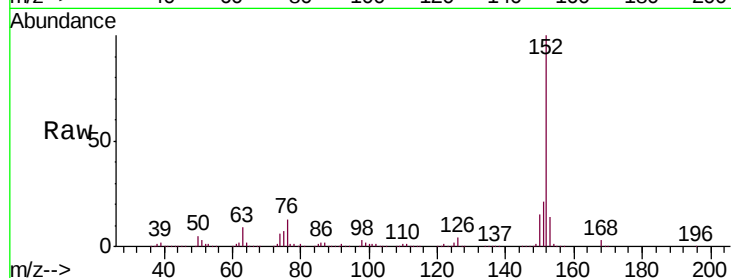
Tot Ion:152 Resp: 864656

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

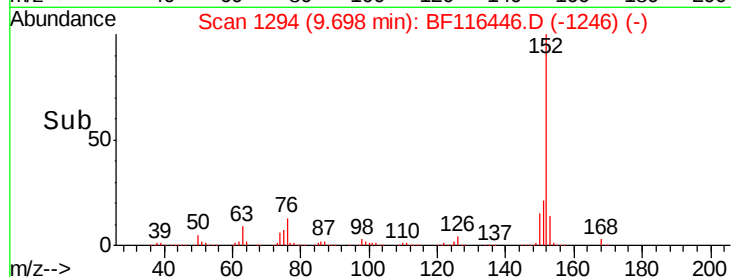
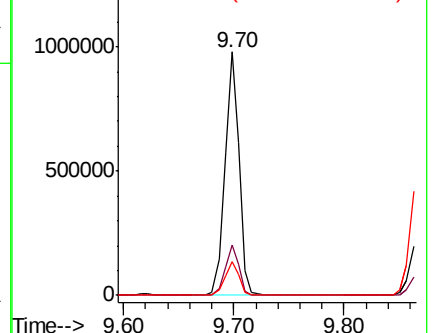
153 14.1 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.337 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

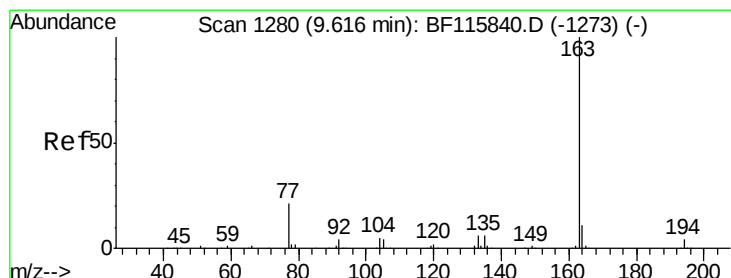
Tgt Ion:163 Resp: 706725

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

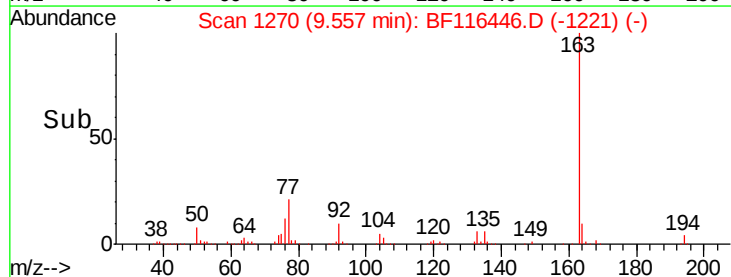
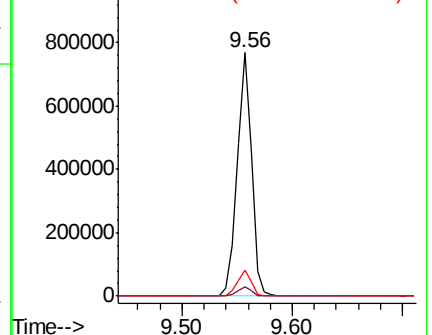
164 10.6 8.4 12.6



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: 54.427 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

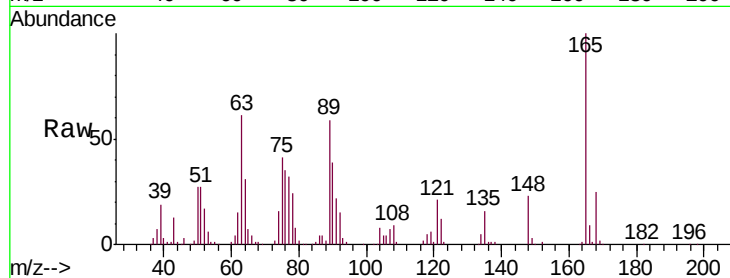
Tot Ion:165 Resp: 151057

Ion Ratio Lower Upper

165 100

63 61.5 38.2 57.2#

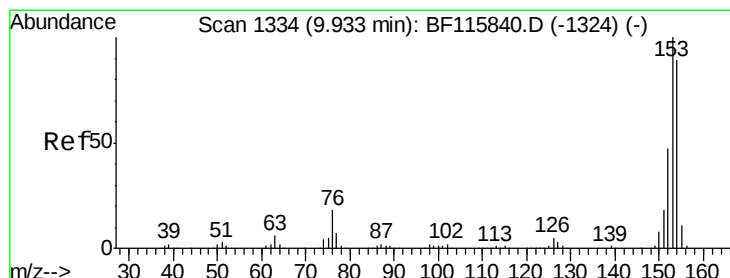
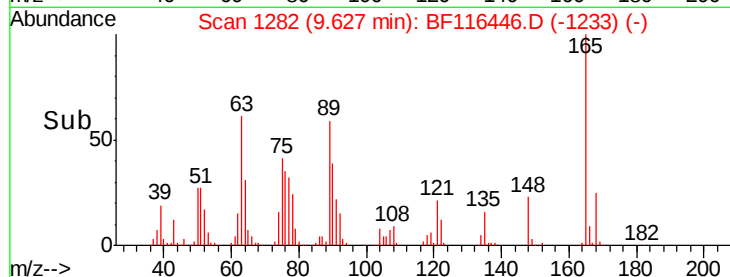
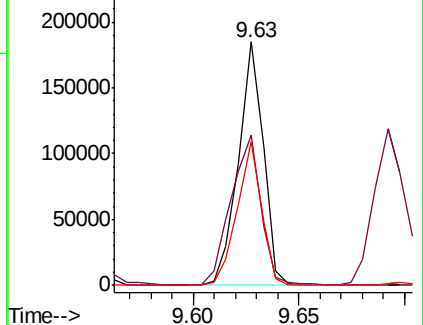
89 59.2 42.9 64.3



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: 53.441 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

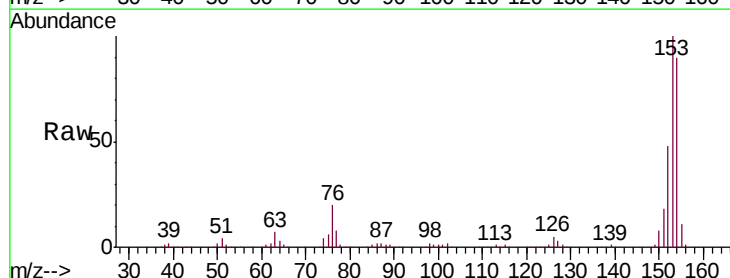
Tgt Ion:154 Resp: 527164

Ion Ratio Lower Upper

154 100

153 110.8 89.4 134.0

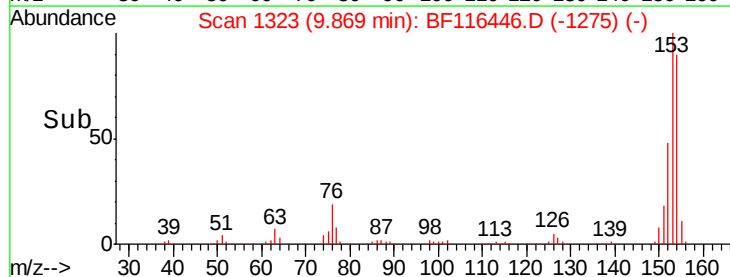
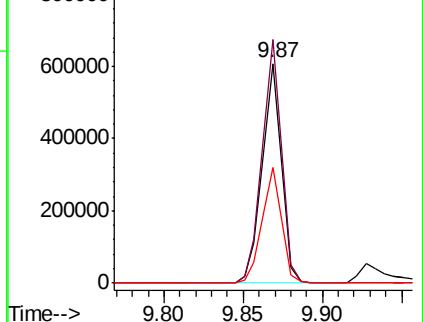
152 52.7 42.3 63.5

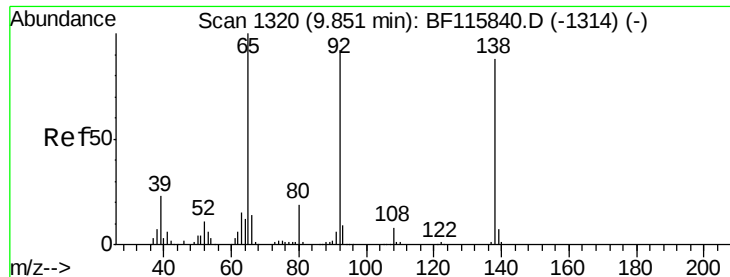


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

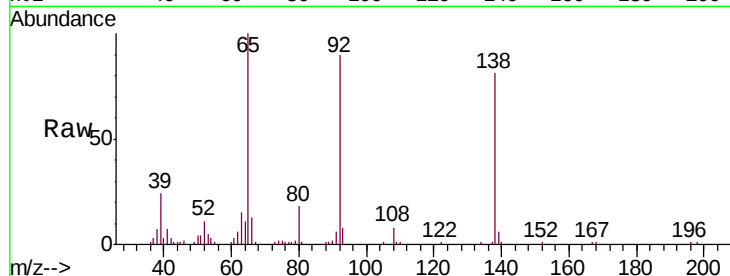




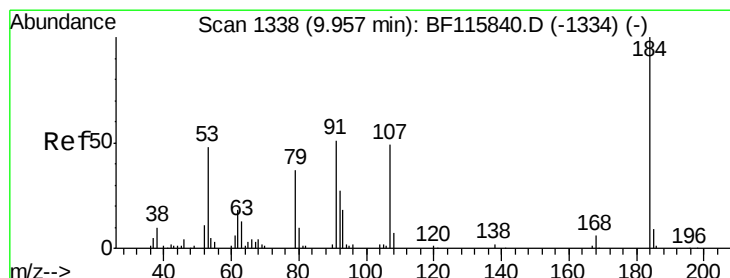
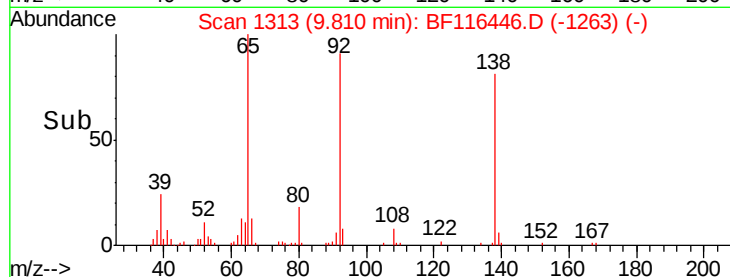
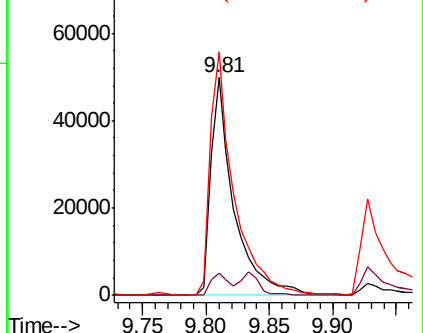
#53
 3-Nitroaniline
 Concen: 18.652 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

Tot Ion:138 Resp: 63965
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.0 12.0
 92 111.9 91.0 136.6

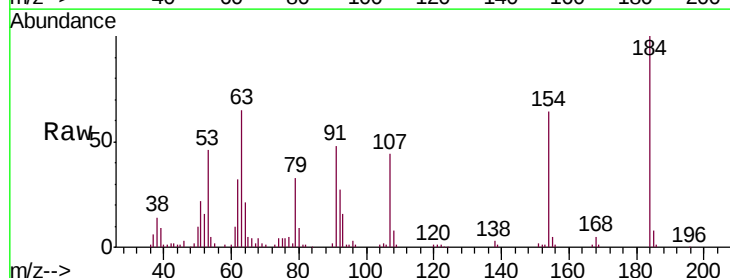


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

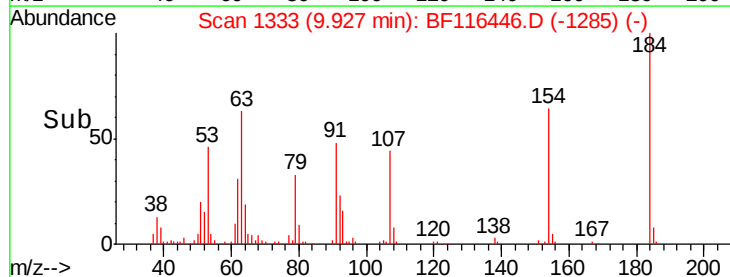
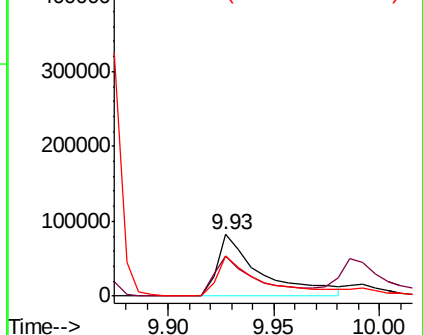


#54
 2,4-Dinitrophenol
 Concen: 82.774 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion:184 Resp: 117269
 Ion Ratio Lower Upper
 184 100
 63 65.4 53.0 79.4
 154 63.8 50.1 75.1



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





#55

Dibenzofuran

Concen: 52.699 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

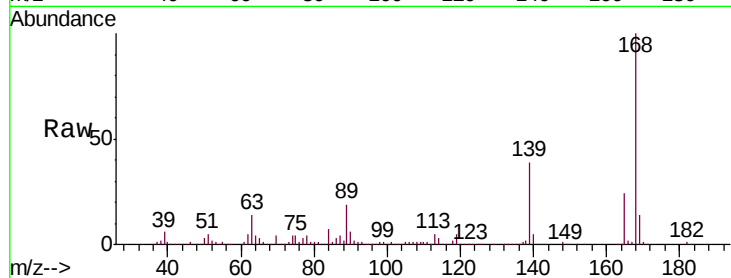
Tot Ion:168 Resp: 755984

Ion Ratio Lower Upper

168 100

139 39.3 31.4 47.2

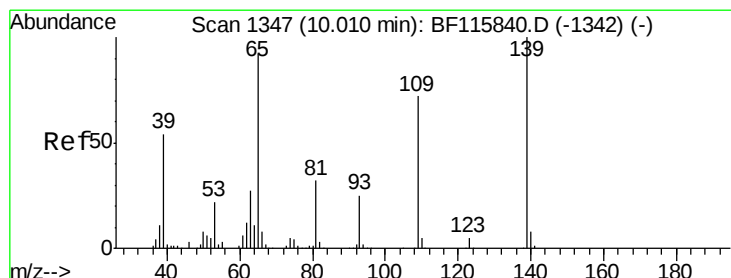
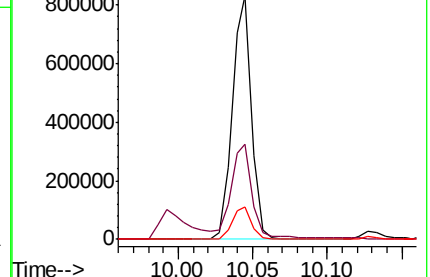
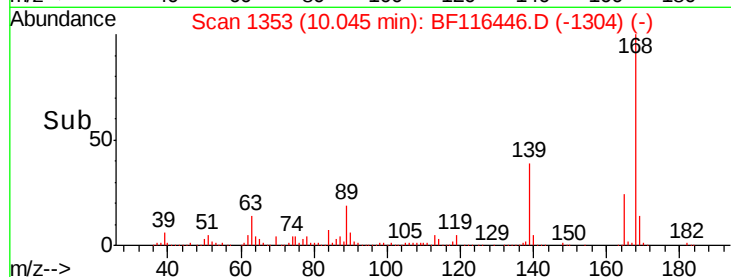
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 62.138 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

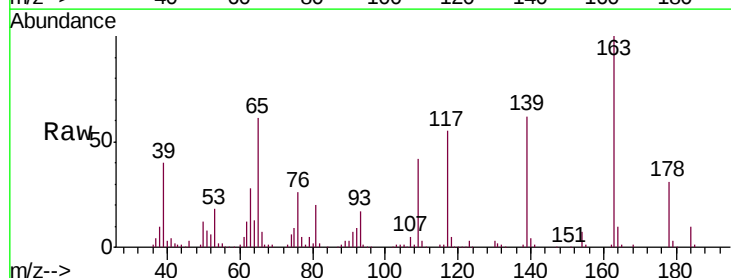
Tgt Ion:139 Resp: 136508

Ion Ratio Lower Upper

139 100

109 67.5 54.4 94.4

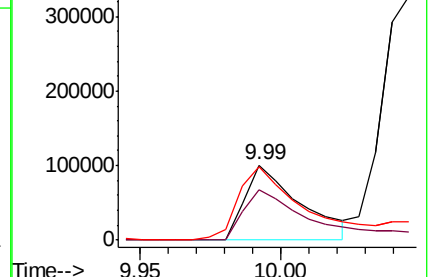
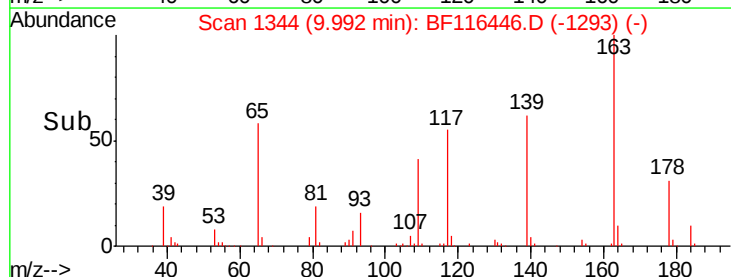
65 97.9 80.6 120.6



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

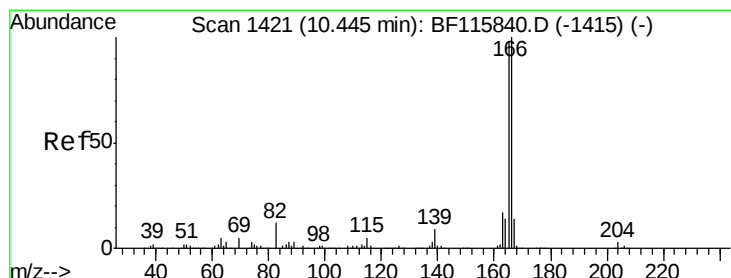
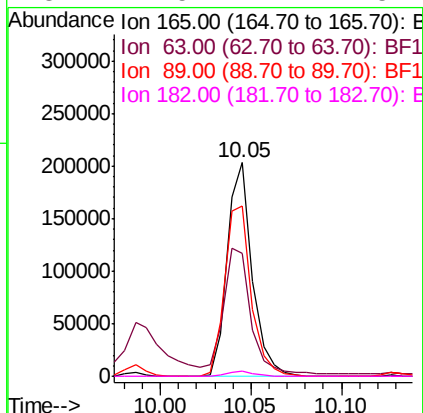
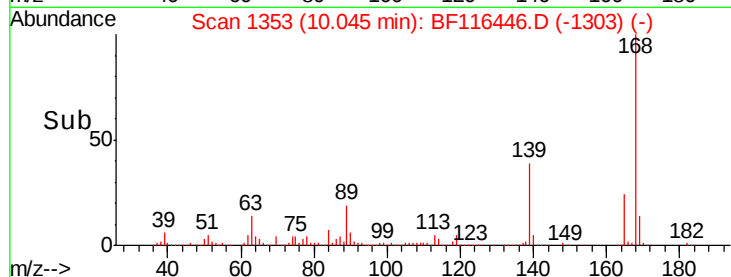
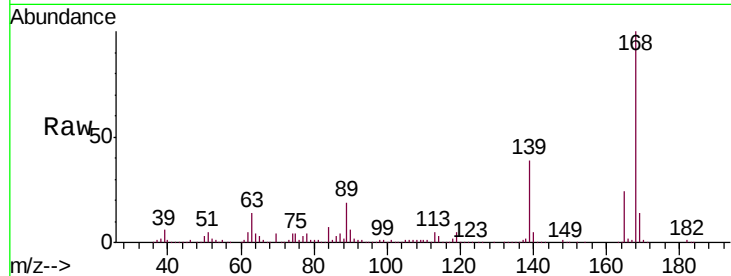




#57
 2,4-Dinitrotoluene
 Concen: 52.631 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

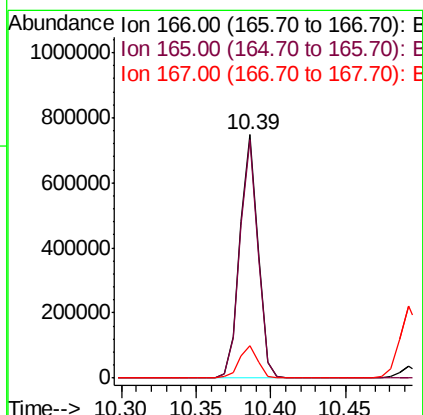
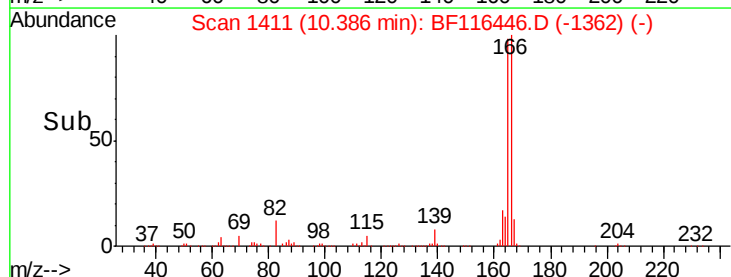
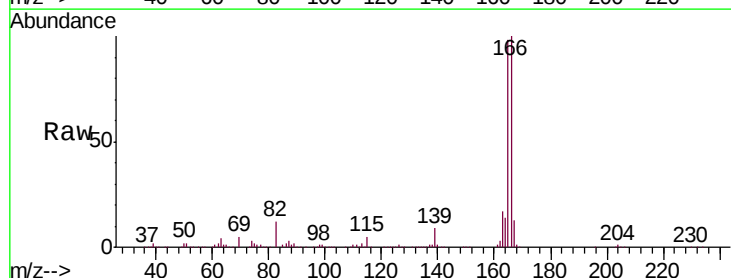
Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.3	39.6	59.4
89	79.7	62.2	93.2
182	2.5	2.1	3.1



#58
 Fluorene
 Concen: 57.553 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.4	11.0	16.4

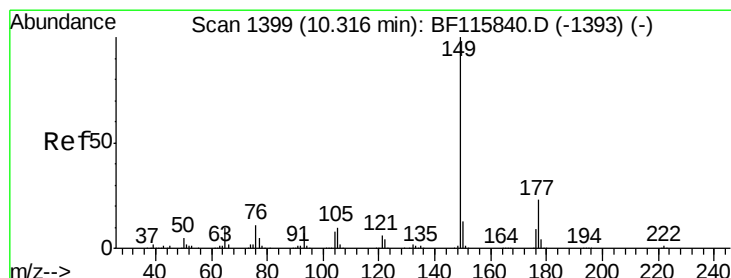
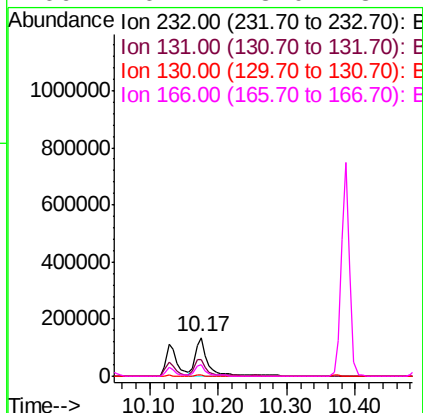
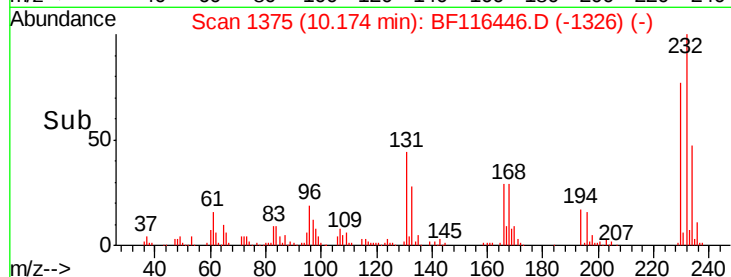
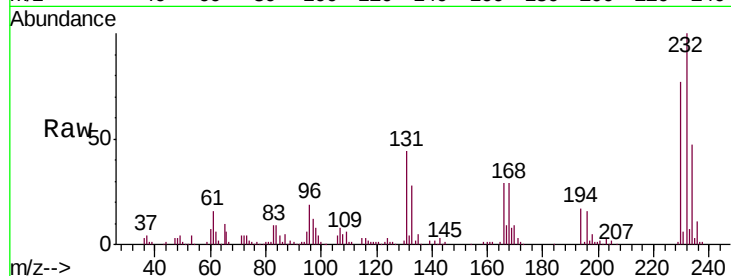




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.709 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

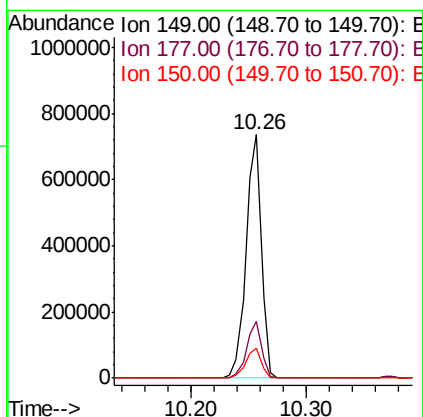
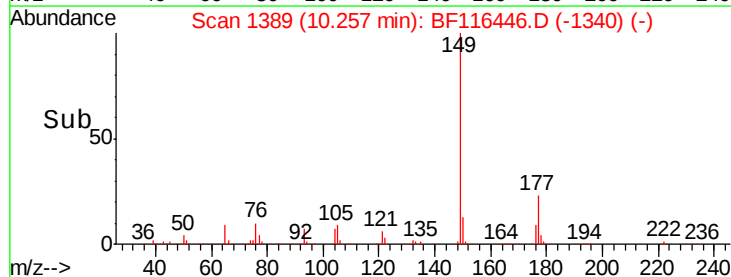
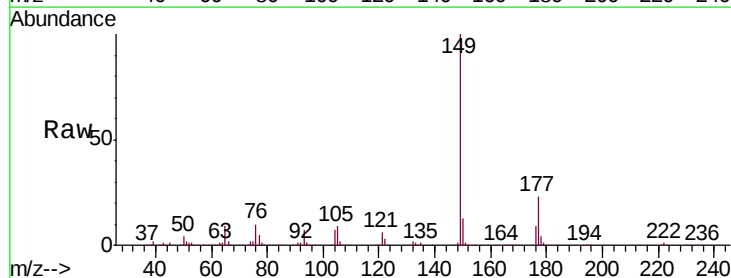
Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

Tot Ion:232 Resp: 170222
 Ion Ratio Lower Upper
 232 100
 131 40.8 36.2 54.2
 130 2.2 1.9 2.9
 166 26.2 23.0 34.4



#60
 Diethylphthalate
 Concen: 56.601 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion:149 Resp: 674885
 Ion Ratio Lower Upper
 149 100
 177 23.5 18.8 28.2
 150 12.5 10.2 15.4

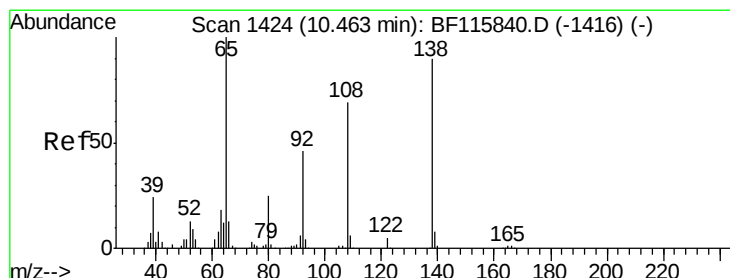
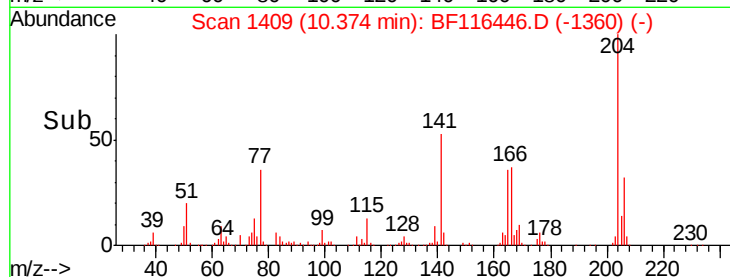
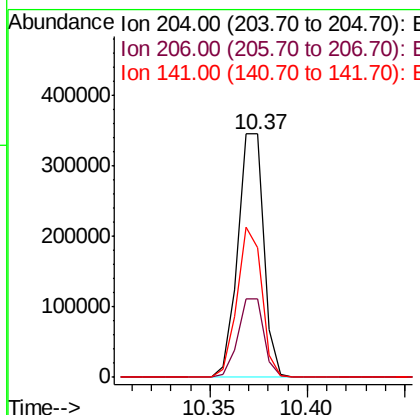
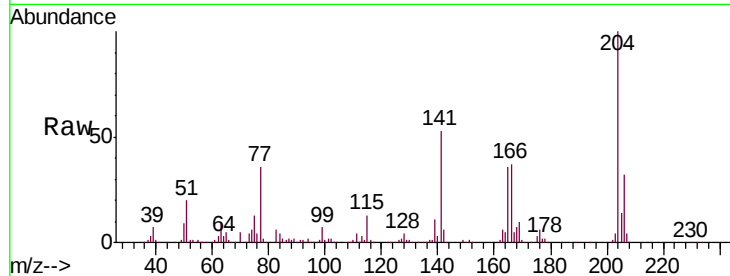




#61
 4-Chlorophenyl-phenylether
 Concen: 57.265 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

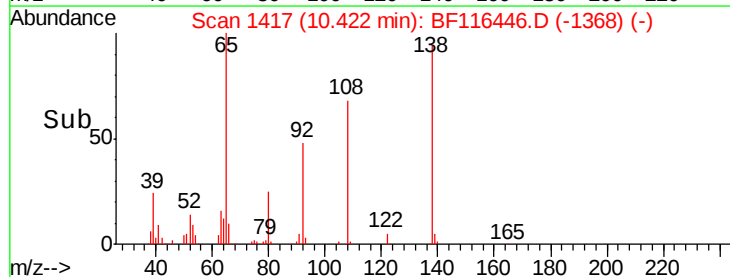
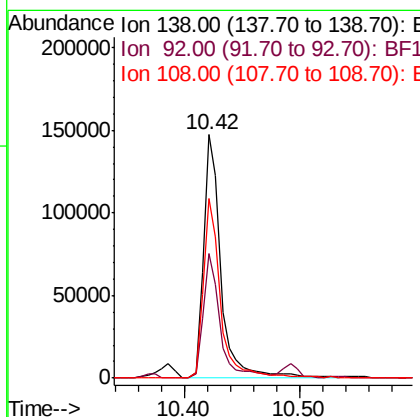
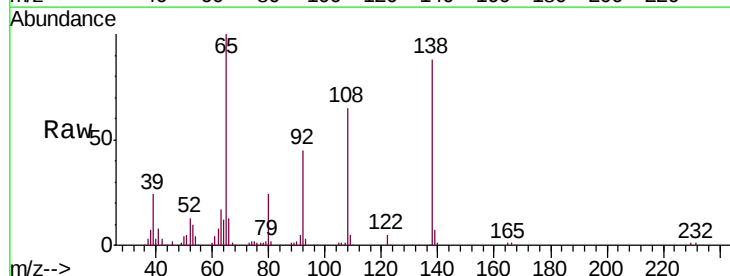
Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

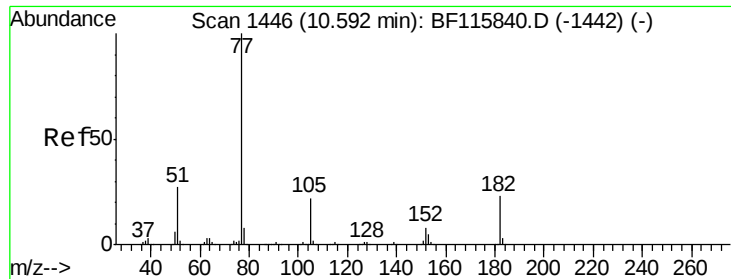
Tot Ion:	204	Resp:	320095
Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.4	39.6
141	53.2	46.4	69.6



#62
 4-Nitroaniline
 Concen: 44.209 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion:	138	Resp:	156679
Ion	Ratio	Lower	Upper
138	100		
92	51.4	29.0	69.0
108	74.0	54.7	94.7

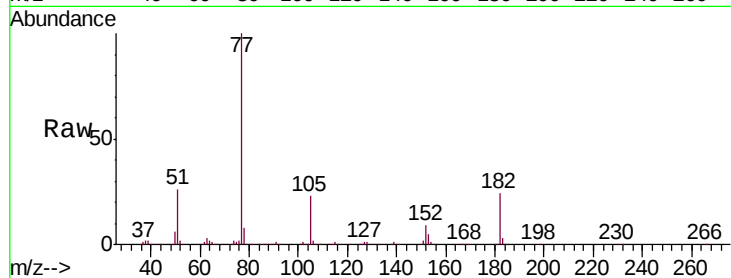




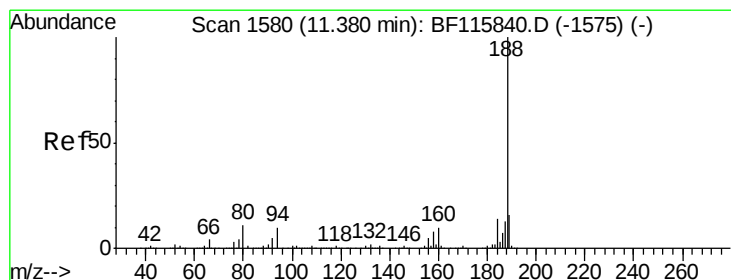
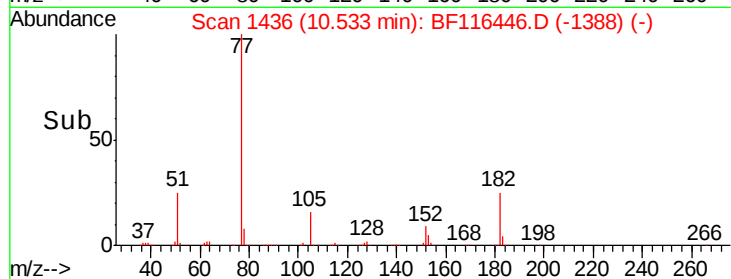
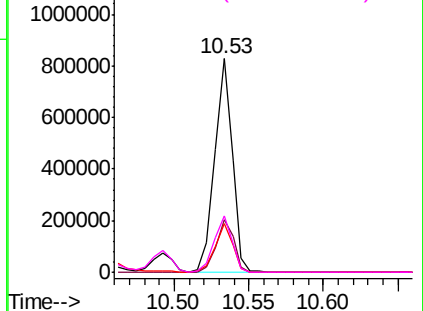
#63
Azobenzene
Concen: 55.620 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

Tot Ion:	77	Resp:	682129
Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.0	44.0
105	22.5	2.0	42.0
51	26.2	7.5	47.5

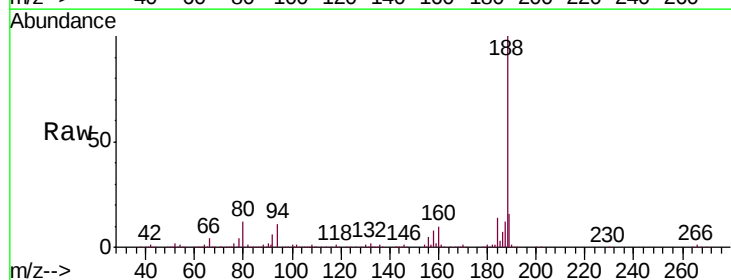


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

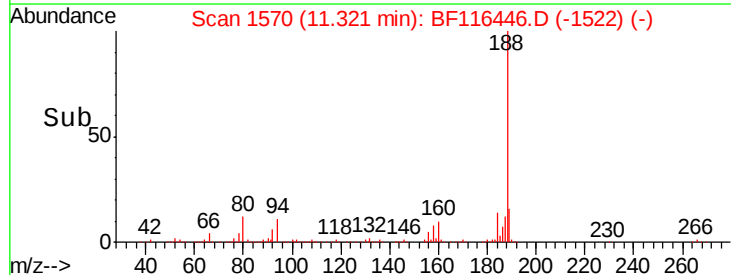
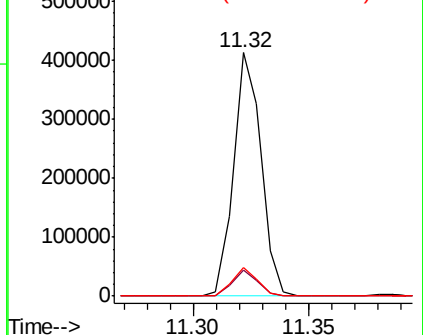


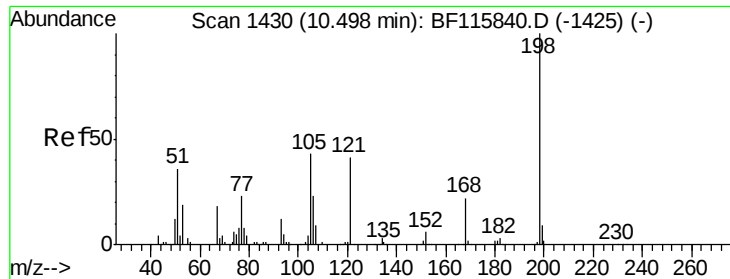
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion:	188	Resp:	343279
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.1	12.1
80	11.5	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: 54.101 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

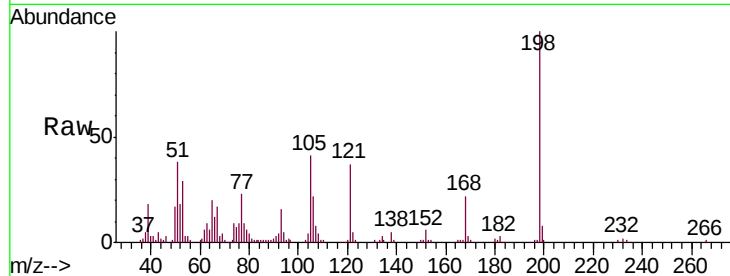
Tot Ion:198 Resp: 98417

Ion Ratio Lower Upper

198 100

51 38.2 17.0 57.0

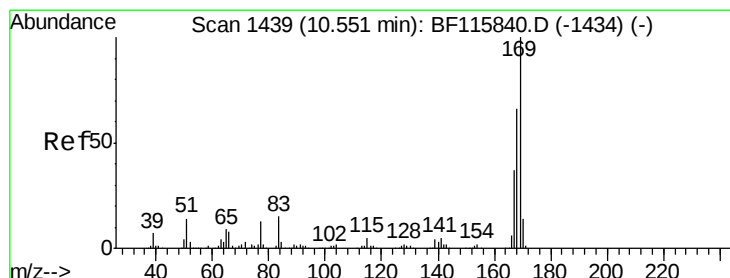
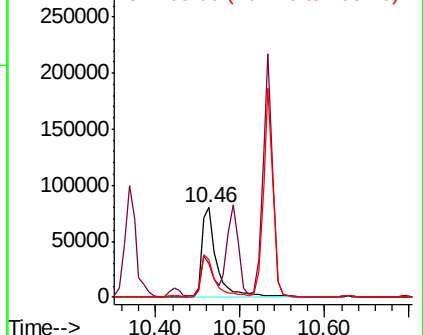
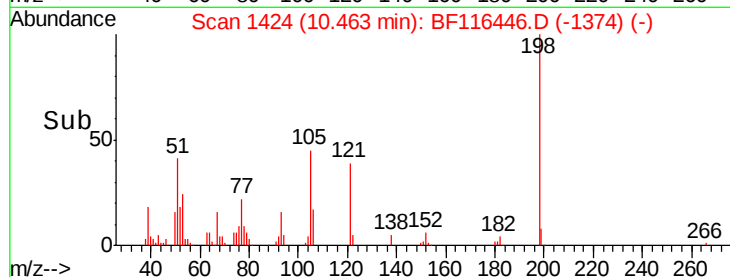
105 41.3 21.6 61.6



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: 53.557 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

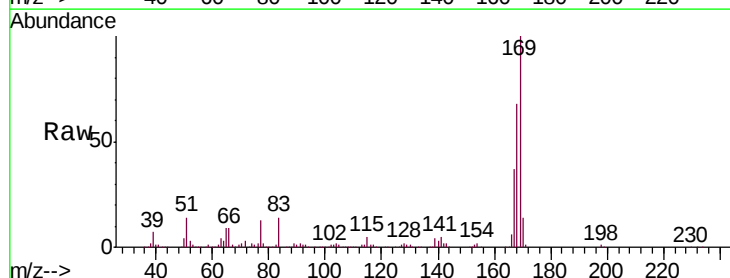
Tgt Ion:169 Resp: 553370

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

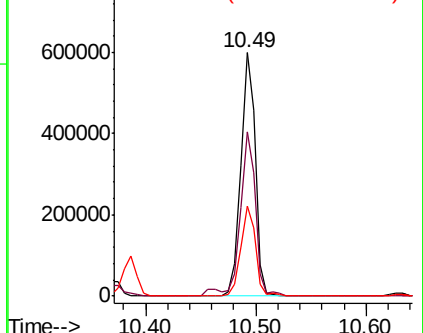
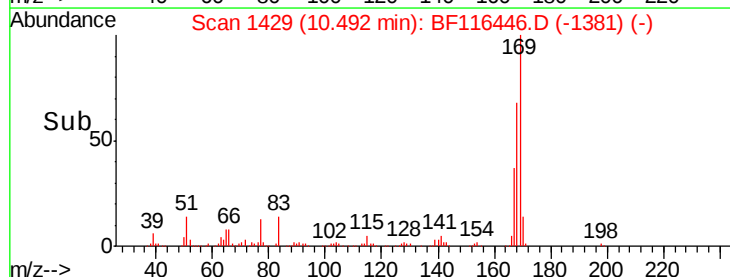
167 37.1 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

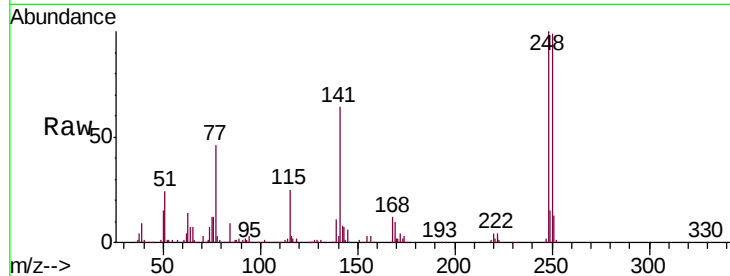




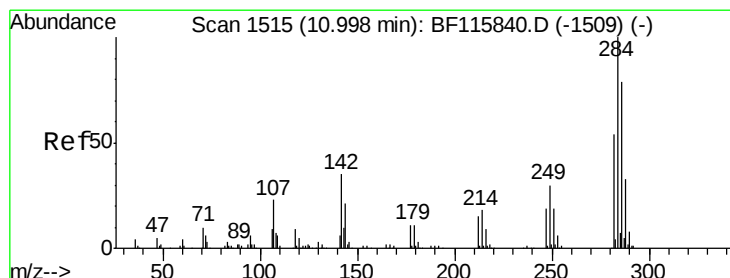
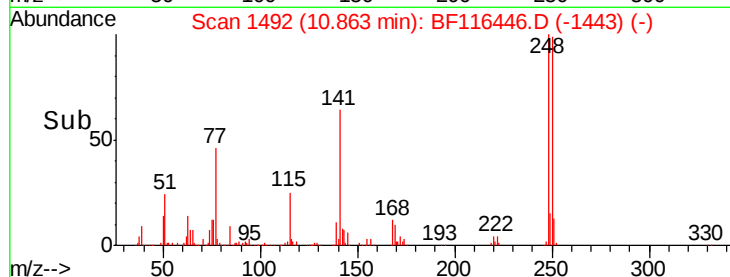
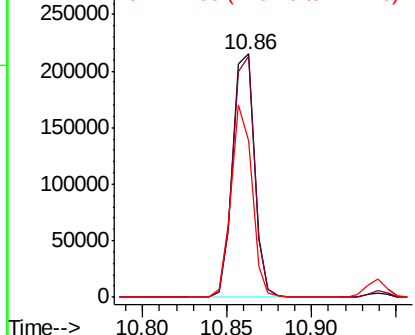
#67
4-Bromophenyl-phenylether
Concen: 52.799 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

Tot Ion:248 Resp: 194024
Ion Ratio Lower Upper
248 100
250 98.8 77.4 116.2
141 64.4 56.8 85.2

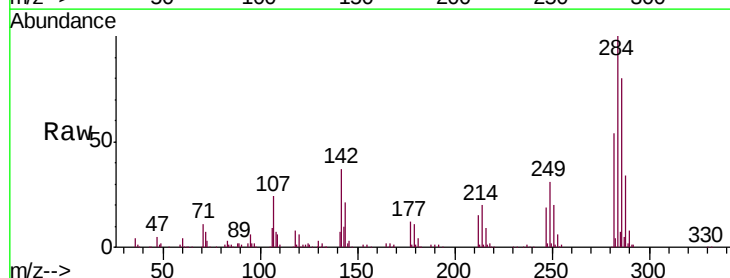


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

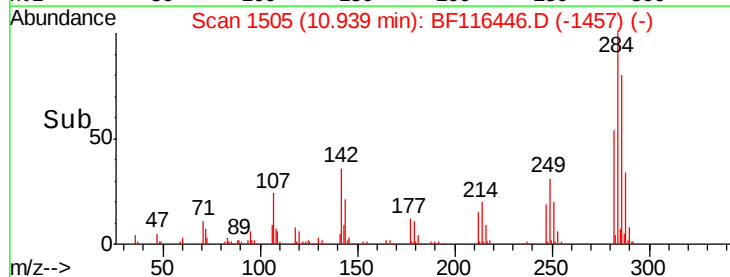
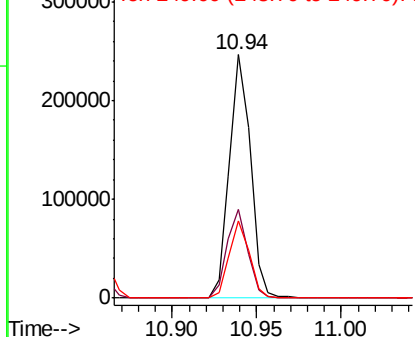


#68
Hexachlorobenzene
Concen: 50.430 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion:284 Resp: 214292
Ion Ratio Lower Upper
284 100
142 36.6 28.4 42.6
249 31.5 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

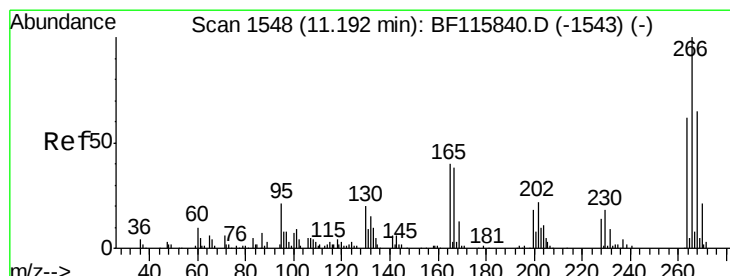
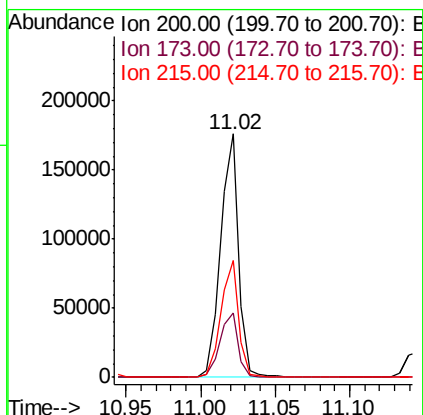
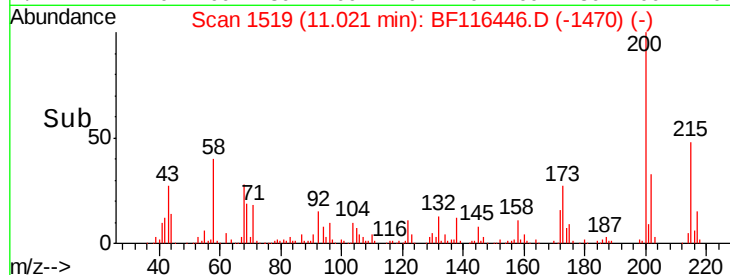
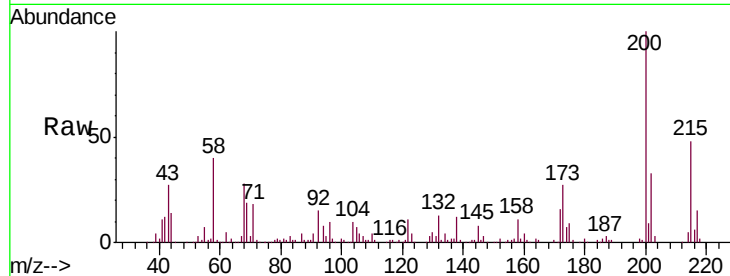




#69
 Atrazine
 Concen: 44.023 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

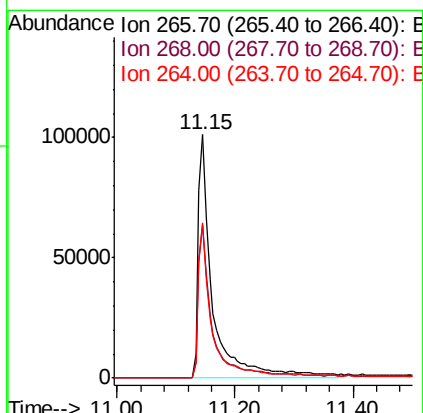
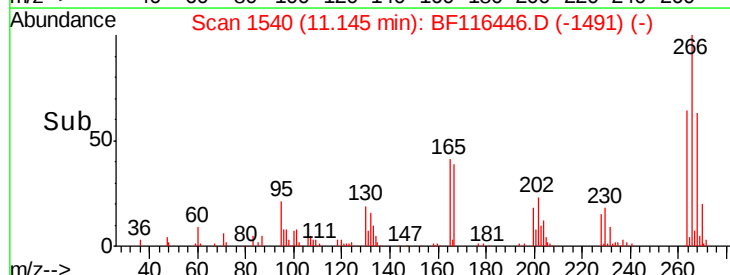
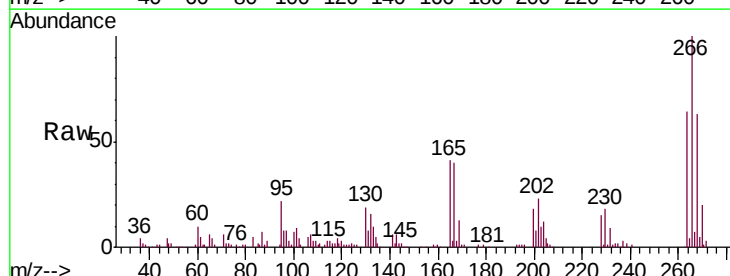
Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

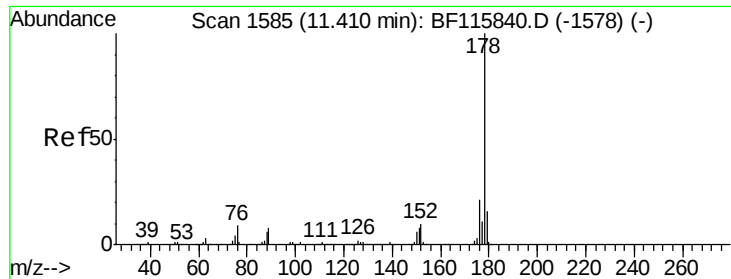
Tot Ion:200 Resp: 149642
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.8 46.8
 215 47.9 27.5 67.5



#70
 Pentachlorophenol
 Concen: 84.218 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion:266 Resp: 173745
 Ion Ratio Lower Upper
 266 100
 268 62.9 48.8 73.2
 264 63.8 50.6 76.0

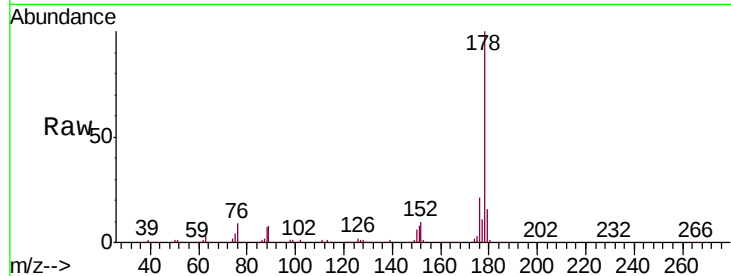




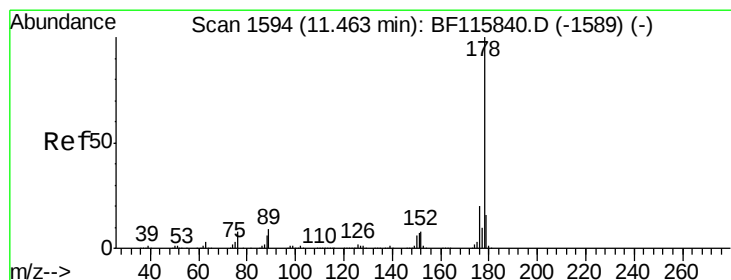
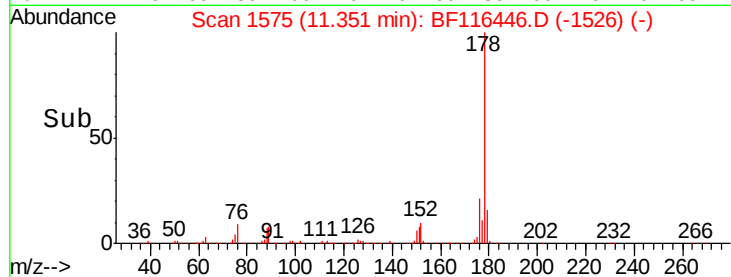
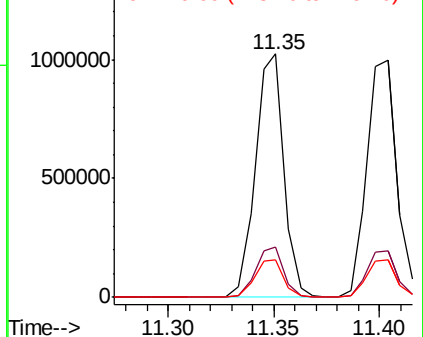
#71
Phenanthrene
Concen: 54.913 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

Tot Ion:178 Resp: 963673
Ion Ratio Lower Upper
178 100
176 20.6 16.6 24.8
179 15.6 12.5 18.7

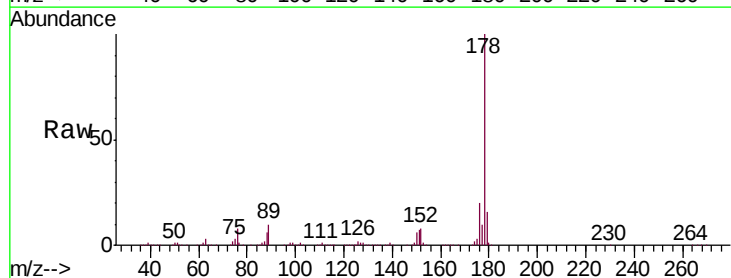


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

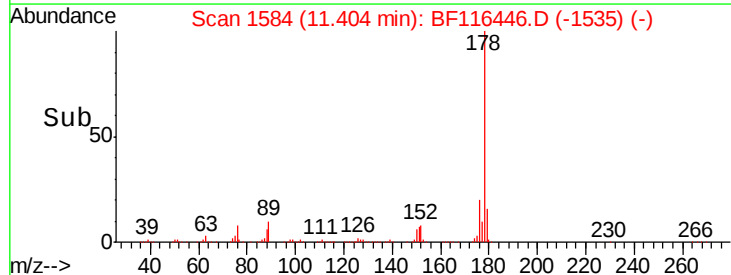
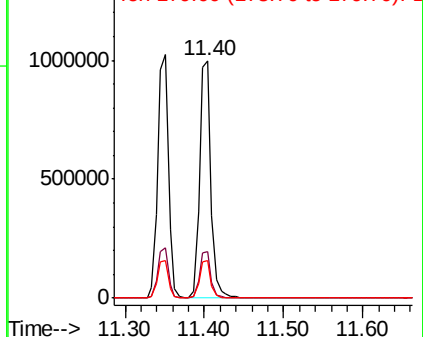


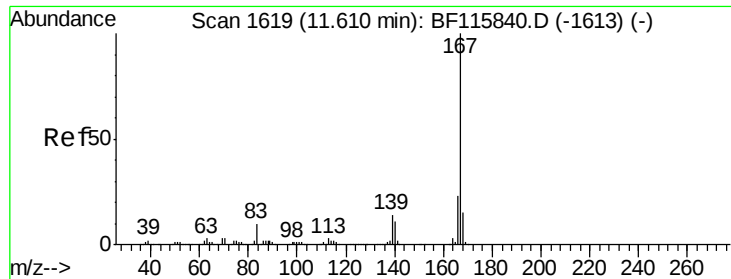
#72
Anthracene
Concen: 56.981 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion:178 Resp: 1012013
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.6 13.0 19.6



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

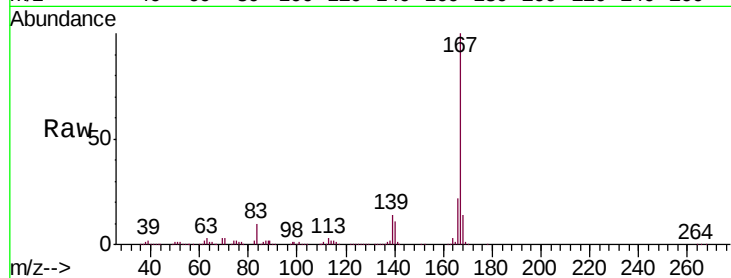




#73
 Carbazole
 Concen: 57.212 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	14.1	11.4	17.0

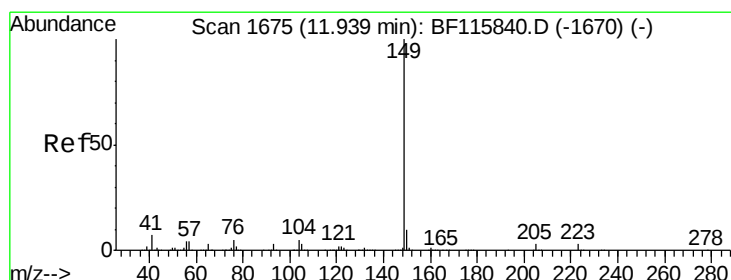
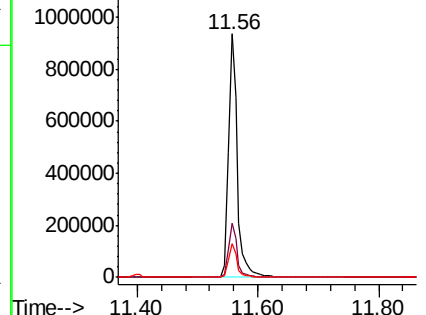
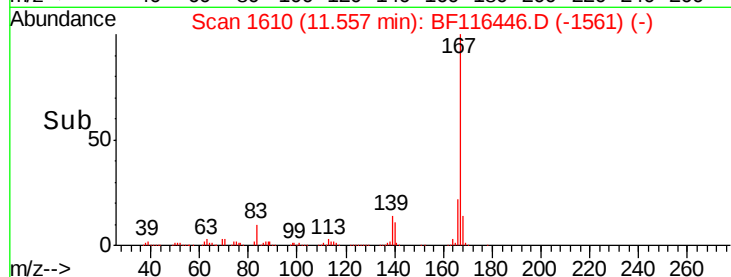


Abundance

Ion 167.00 (166.70 to 167.70): E

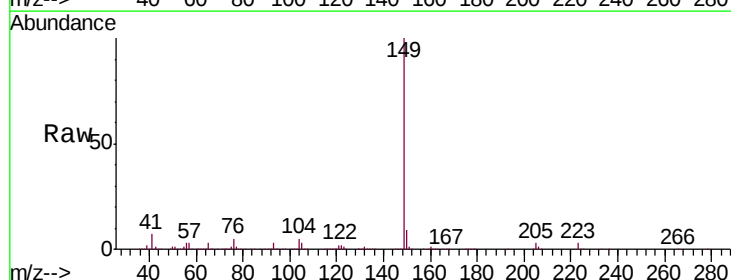
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 60.178 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.0	12.0
104	5.1	4.5	6.7

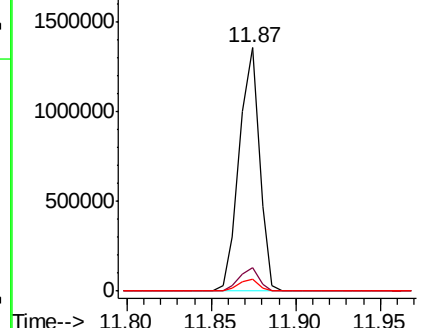
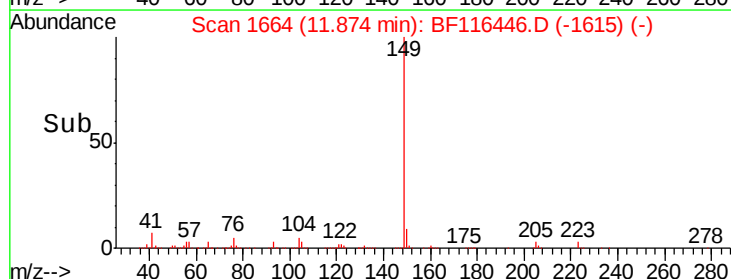


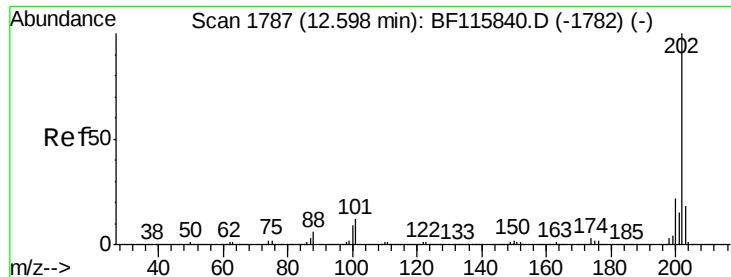
Abundance

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

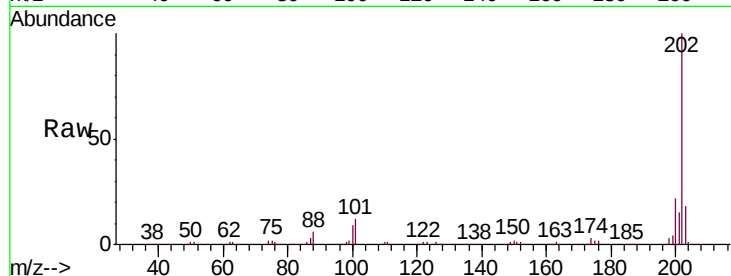




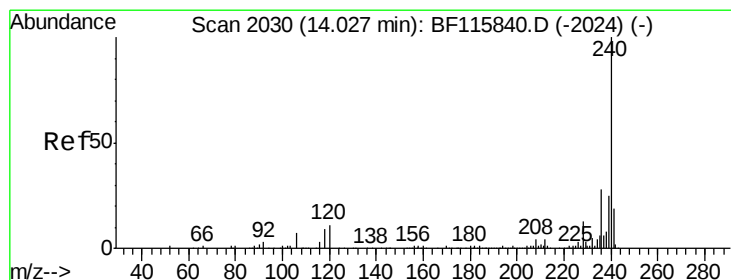
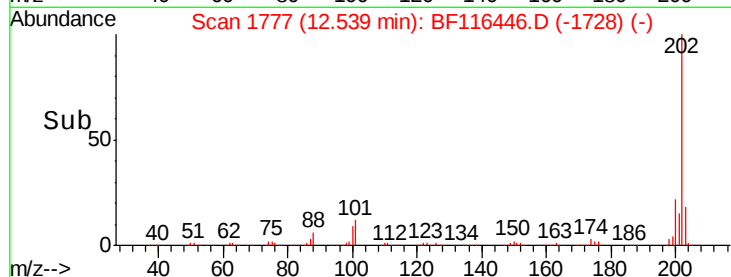
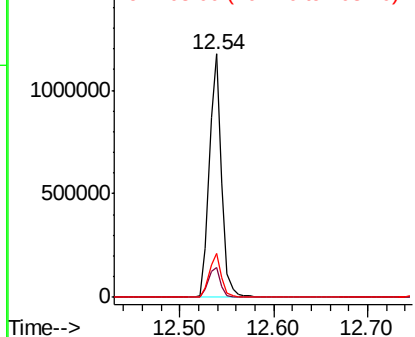
#75
 Fluoranthene
 Concen: 58.606 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

Tot Ion:202 Resp: 1076723
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 31.2
 203 18.0 0.0 37.8

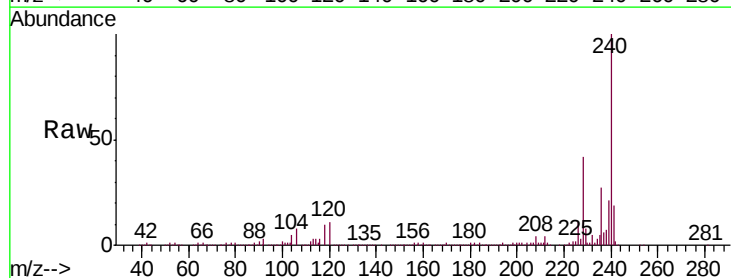


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

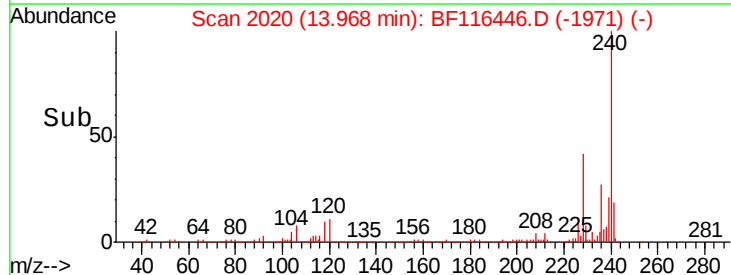
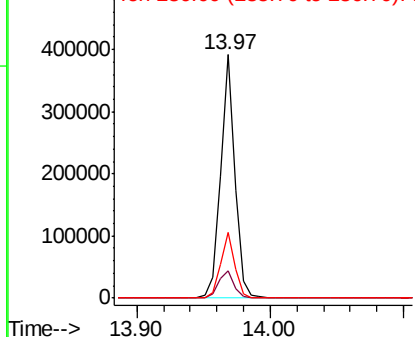


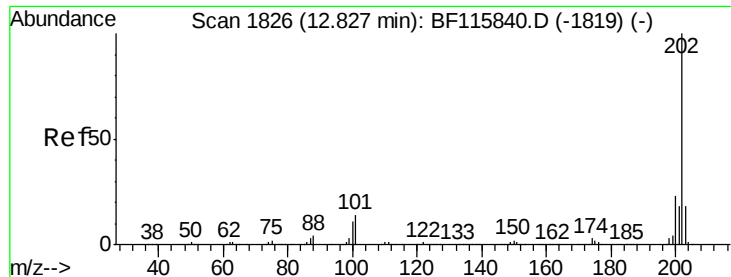
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion:240 Resp: 296640
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.7 16.1
 236 27.2 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

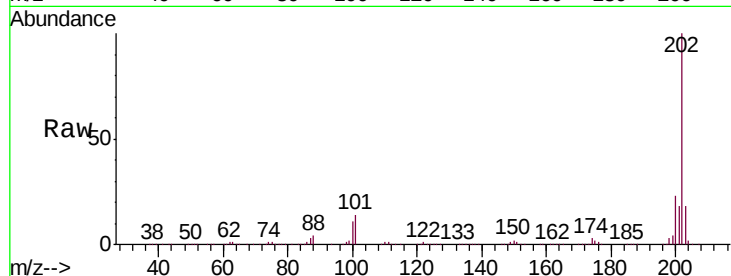




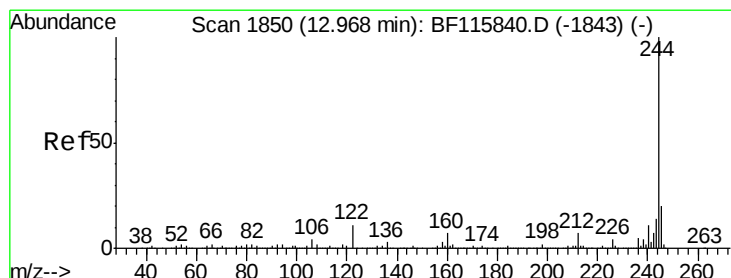
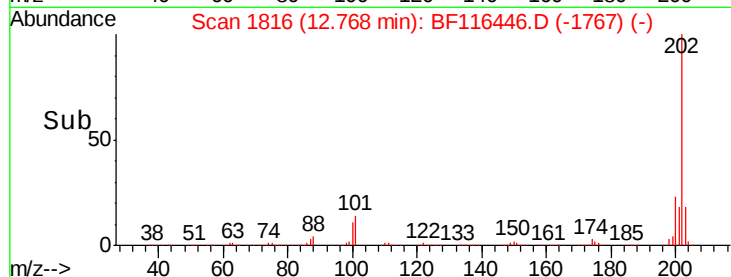
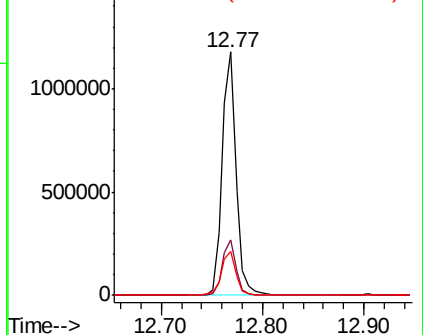
#78
Pvrene
Concen: 49.925 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

Tot Ion:202 Resp: 1116379
Ion Ratio Lower Upper
202 100
200 22.7 18.0 27.0
203 18.2 14.1 21.1

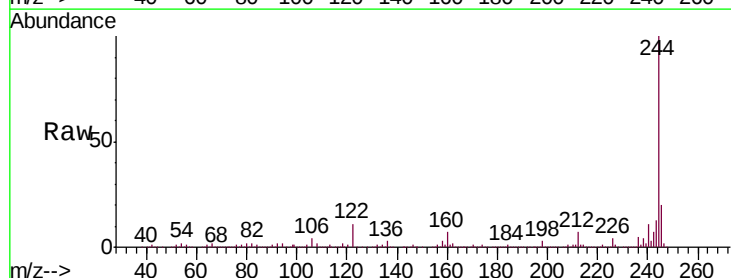


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

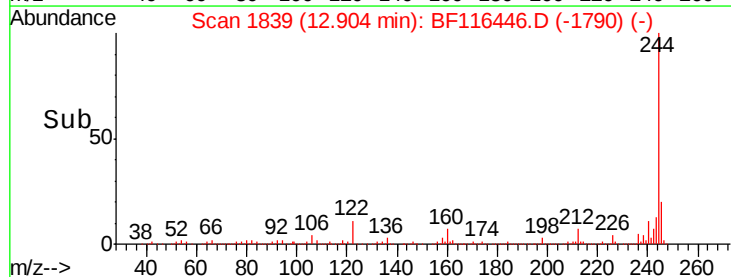
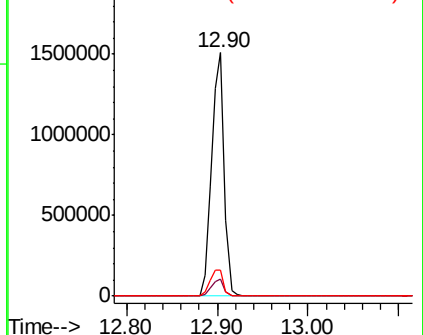


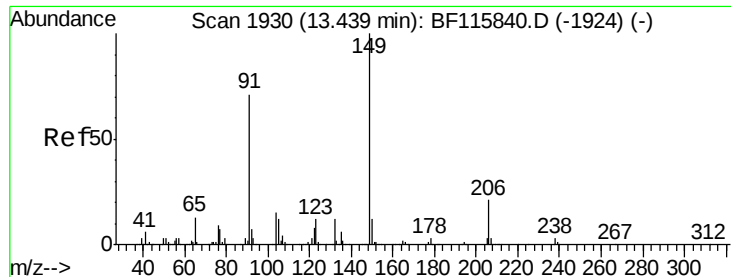
#79
Terphenyl-d14
Concen: 104.319 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion:244 Resp: 1468563
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.8 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

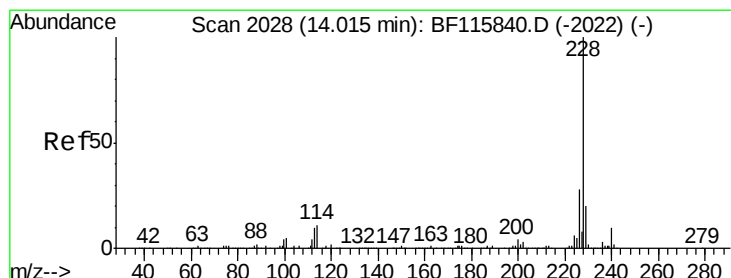
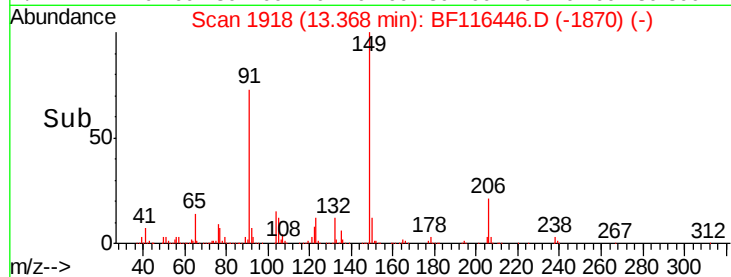
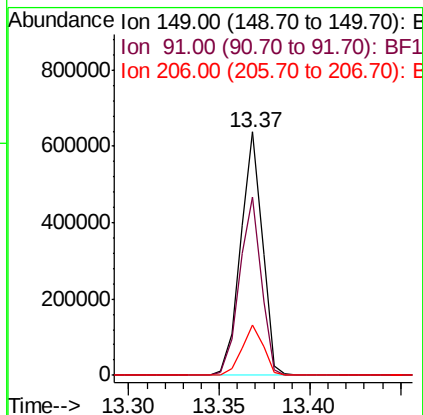
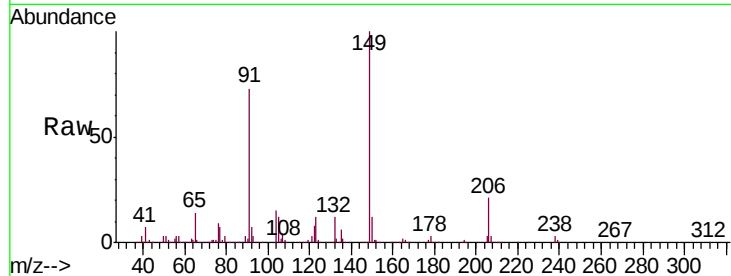




#80
Butylbenzylphthalate
Concen: 55.965 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

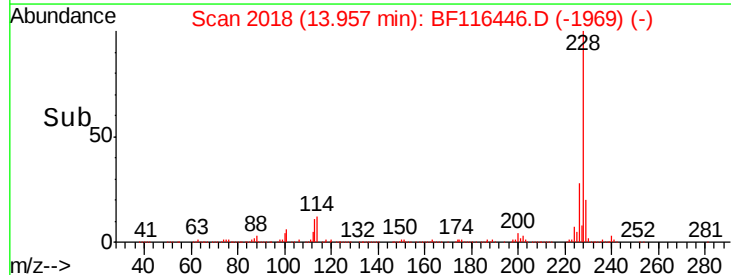
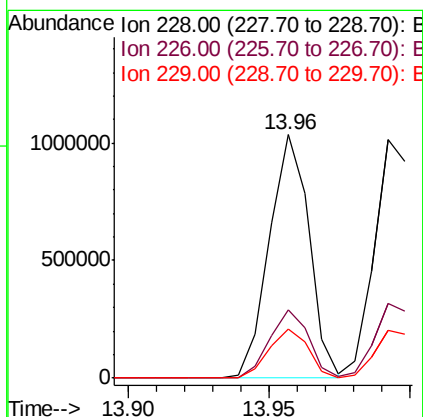
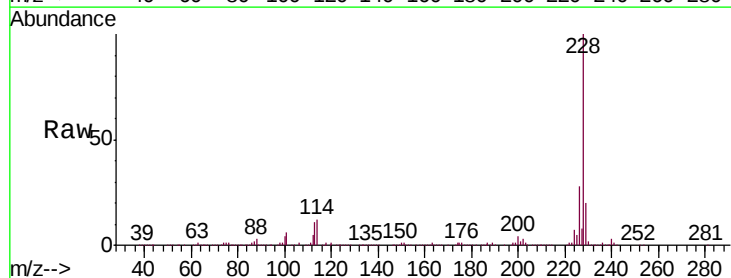
Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

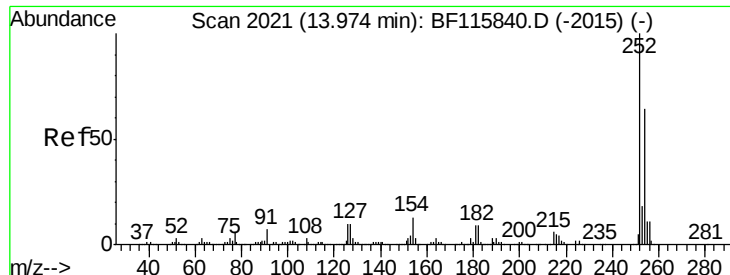
Tot Ion:149 Resp: 529370
Ion Ratio Lower Upper
149 100
91 73.4 56.3 84.5
206 20.8 18.0 27.0



#81
Benzo(a)anthracene
Concen: 53.106 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion:228 Resp: 1006899
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 20.1 16.2 24.4

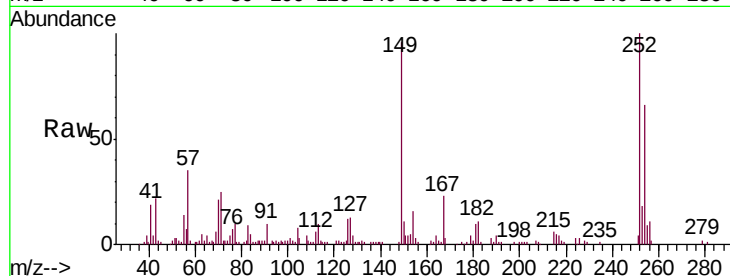




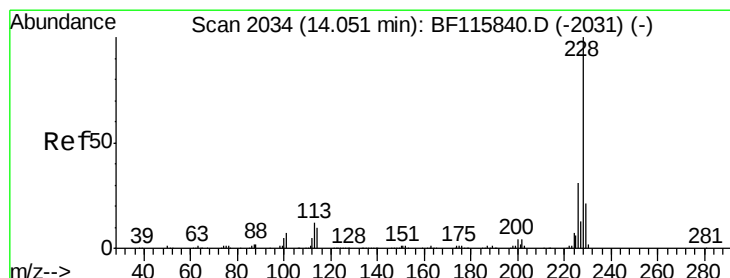
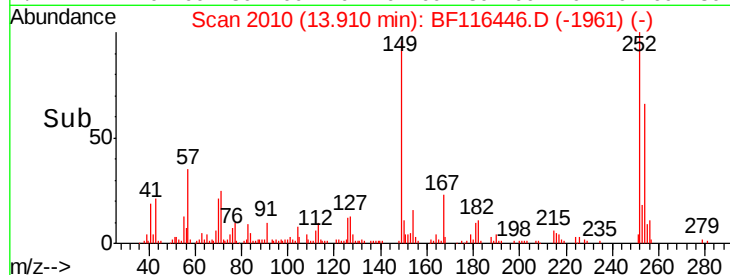
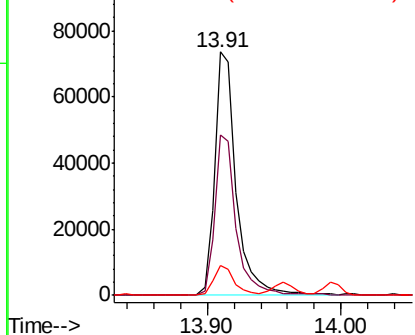
#82
 3,3'-Dichlorobenzidine
 Concen: 12.677 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

Tot Ion:252 Resp: 83505
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.9 76.3
 126 12.3 9.8 14.8

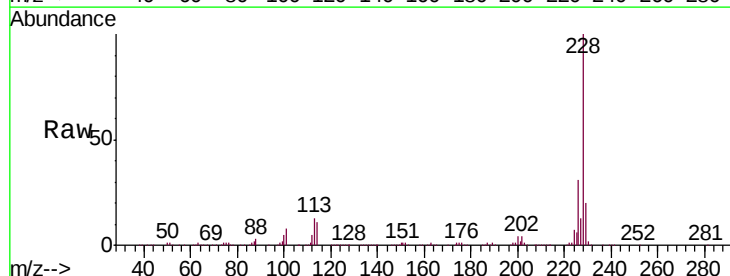


Abundance Ion 252.00 (251.70 to 252.70): E
 100000 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

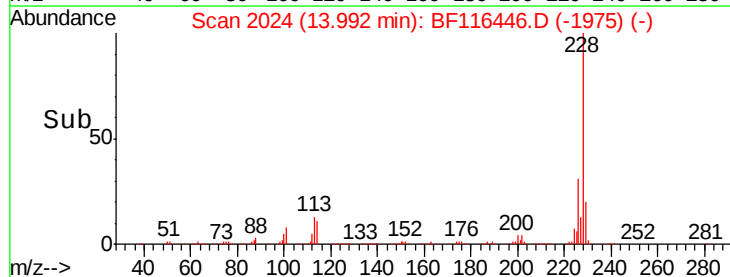
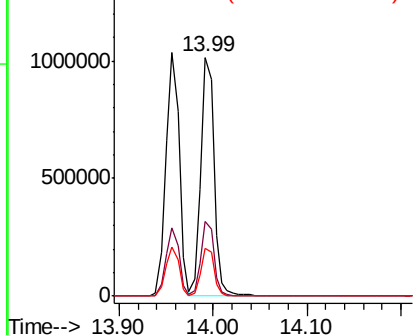


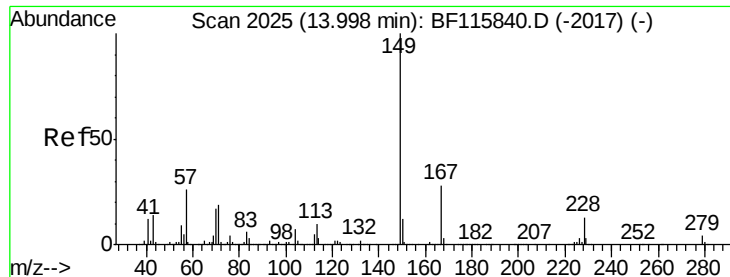
#83
 Chrysene
 Concen: 54.369 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion:228 Resp: 1000784
 Ion Ratio Lower Upper
 228 100
 226 31.4 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: 62.379 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

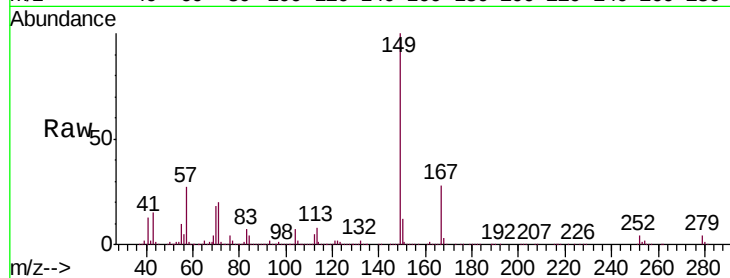
Tot Ion:149 Resp: 766744

Ion Ratio Lower Upper

149 100

167 27.8 21.6 32.4

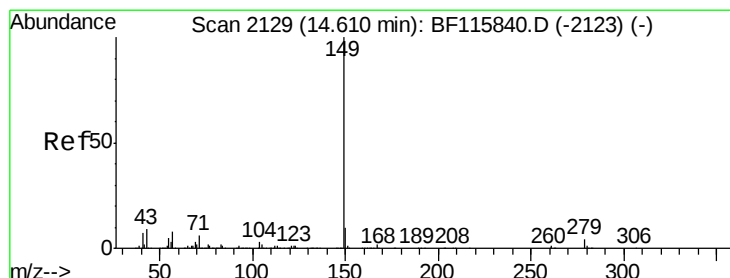
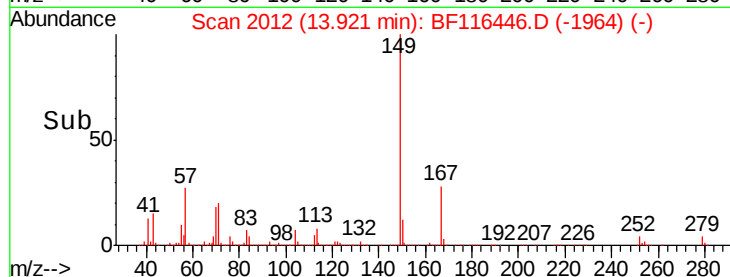
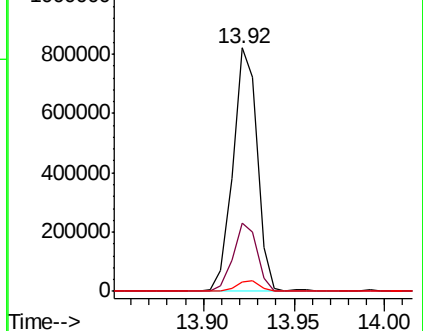
279 3.7 3.0 4.4



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: 66.762 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

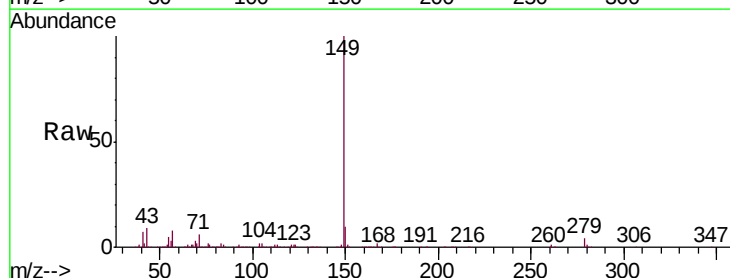
Tgt Ion:149 Resp: 1303434

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

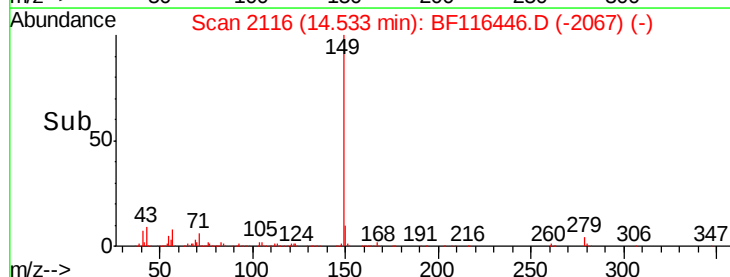
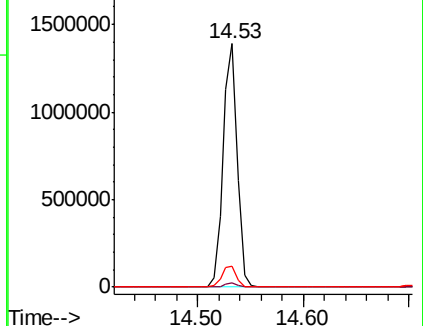
43 8.9 7.5 11.3

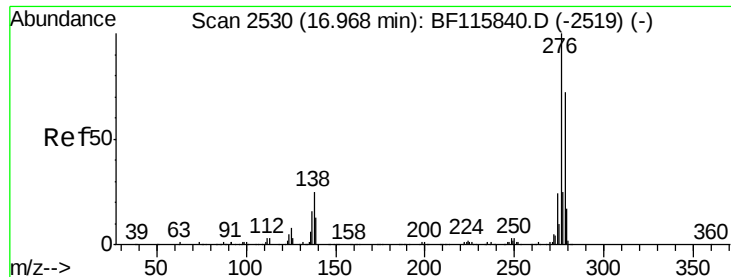


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

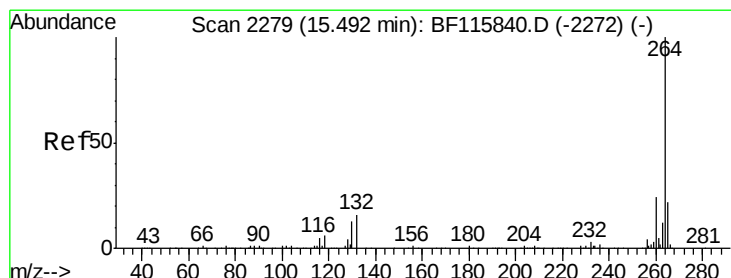
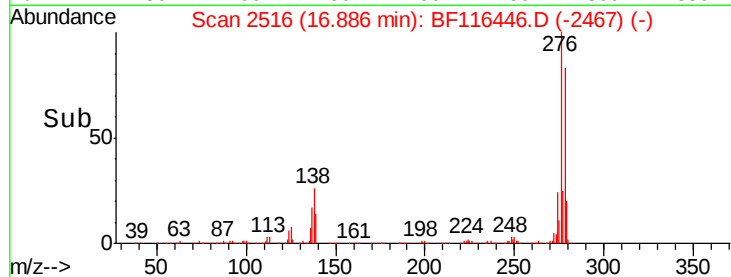
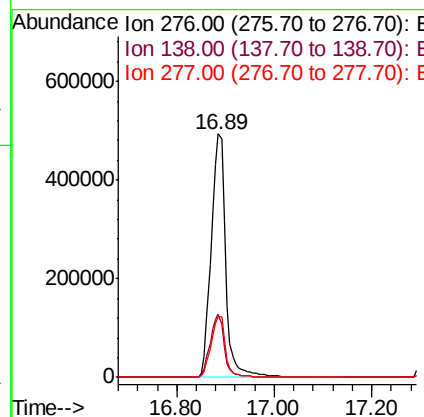
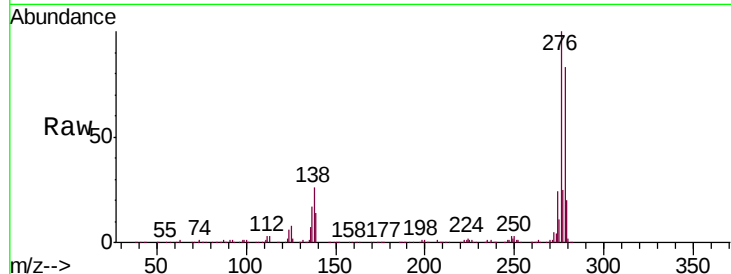




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 65.984 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

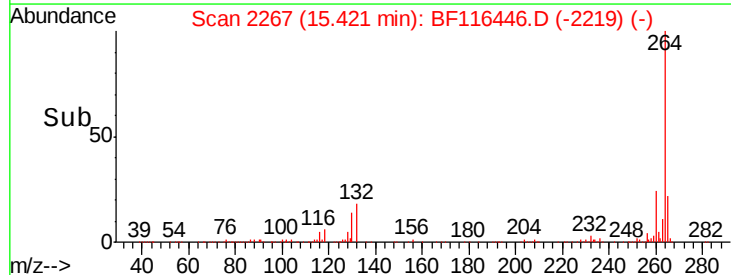
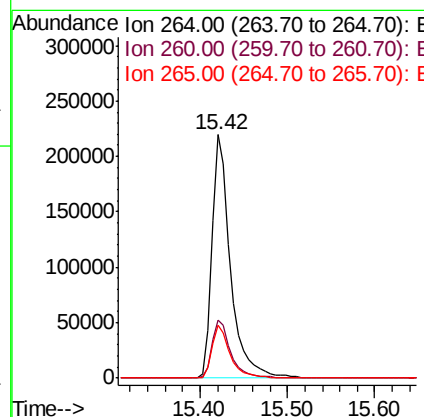
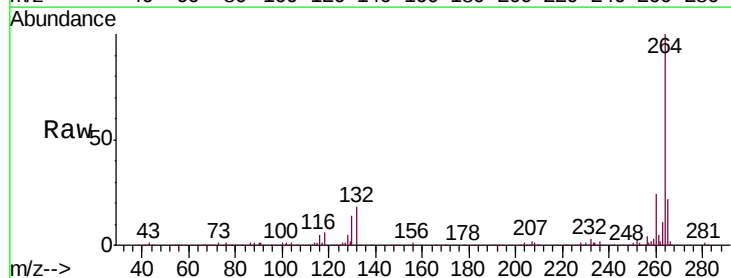
Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

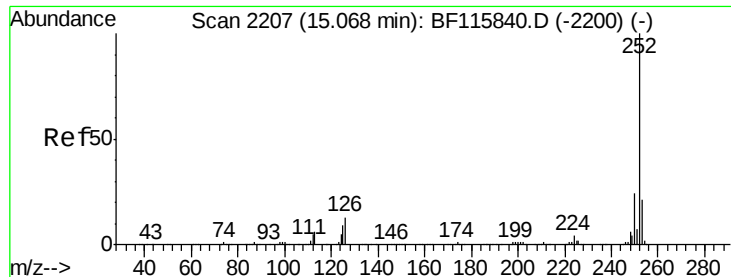
Tot Ion:276 Resp: 1020132
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.4 30.6
 277 25.2 20.0 30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion:264 Resp: 322891
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.7 29.5
 265 21.8 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 52.955 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)MS

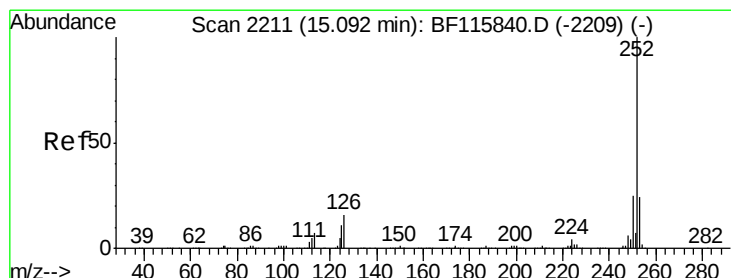
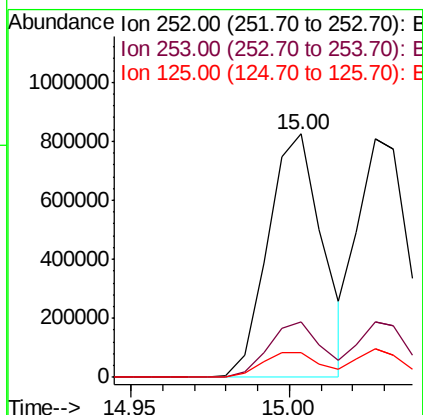
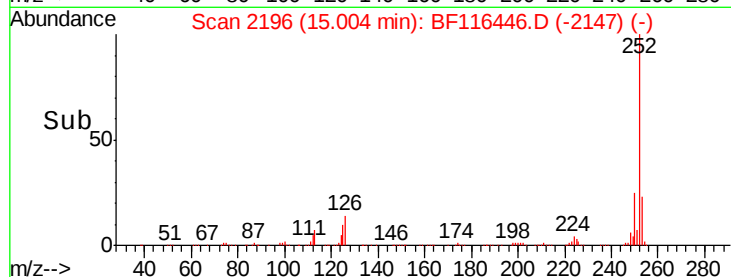
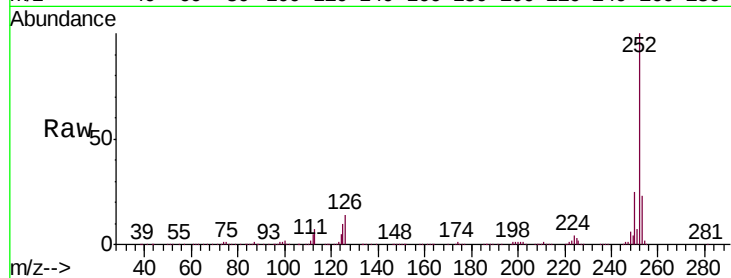
Tot Ion:252 Resp: 988660

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 10.4 8.4 12.6



#89

Benzo(k)fluoranthene

Concen: 51.429 ng m

RT: 15.03 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

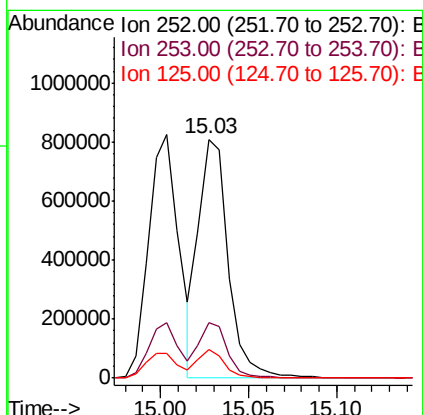
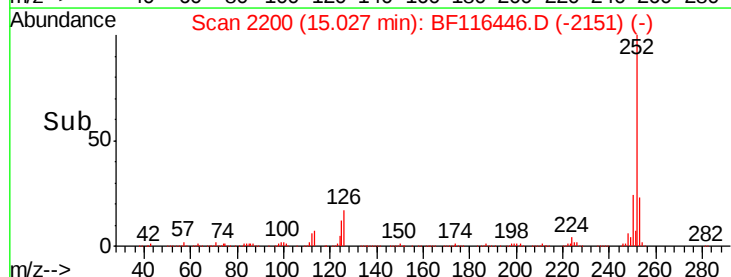
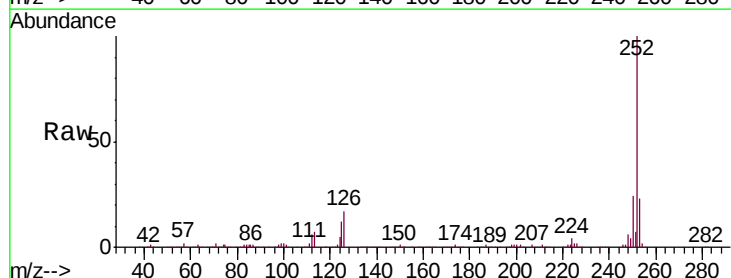
Tgt Ion:252 Resp: 935214

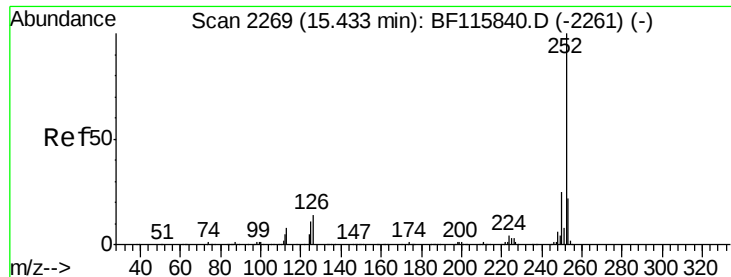
Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 12.1 7.7 11.5#

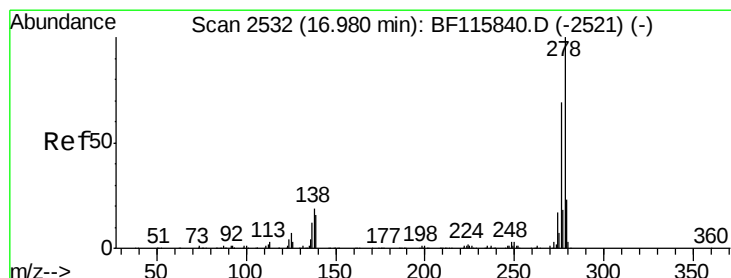
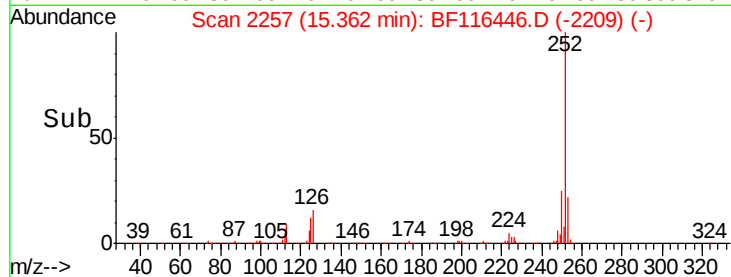
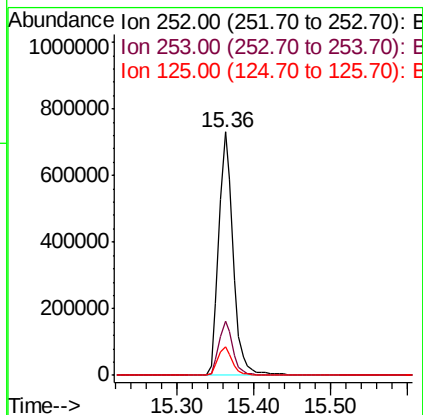
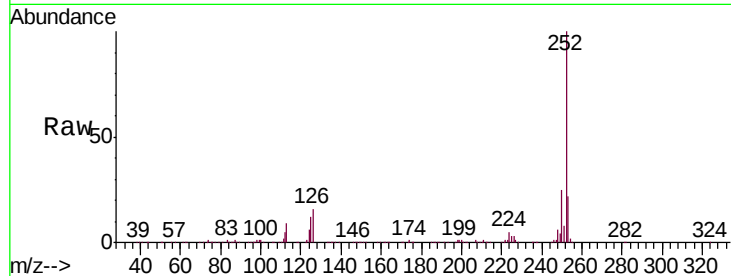




#90
Benzo(a)pyrene
Concen: 56.085 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

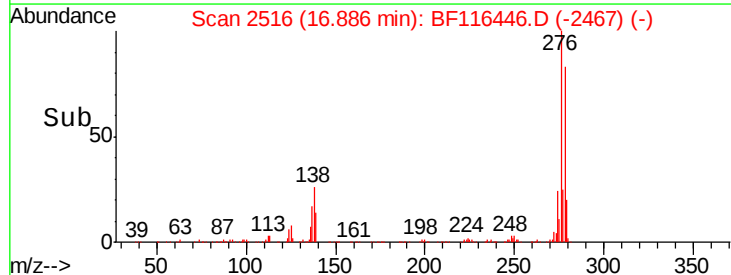
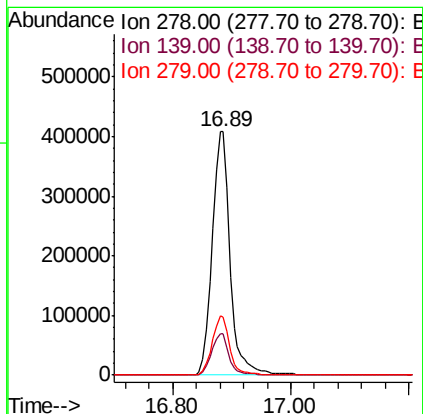
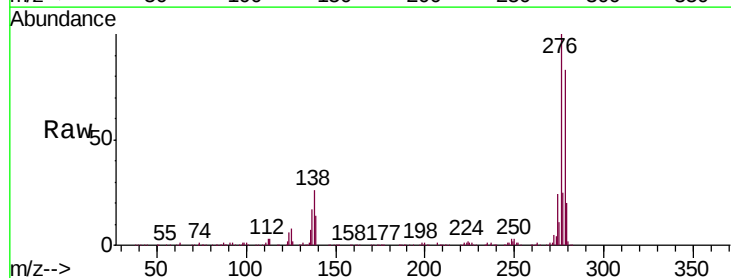
Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)MS

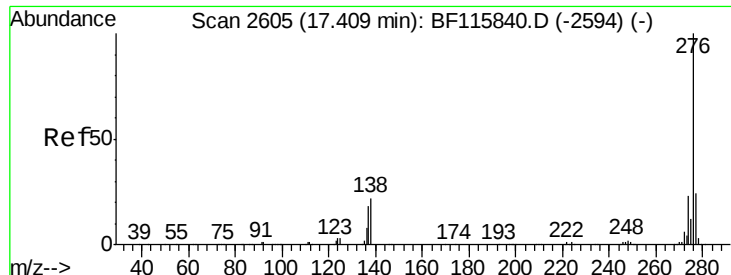
Tot Ion:252 Resp: 936036
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.8 8.9 13.3



#91
Dibenzo(a,h)anthracene
Concen: 59.583 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Tgt Ion:278 Resp: 860776
Ion Ratio Lower Upper
278 100
139 17.0 12.8 19.2
279 23.8 18.8 28.2

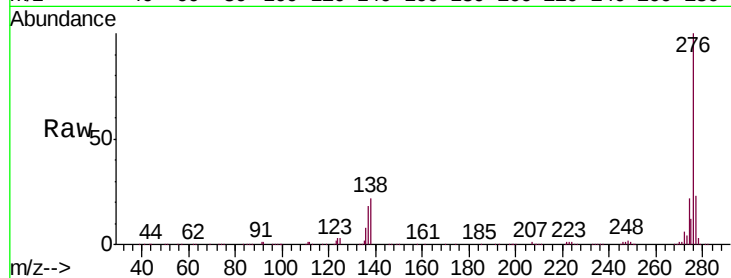




#92
 Benzo(a,h,i)perylene
 Concen: 59.584 ng
 RT: 17.32 min Scan# 2590
 Delta R.T. -0.02 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	22.0	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

