

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 :

Quant Time: Aug 21 01:16:41 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	30338	19.627	ng	99
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

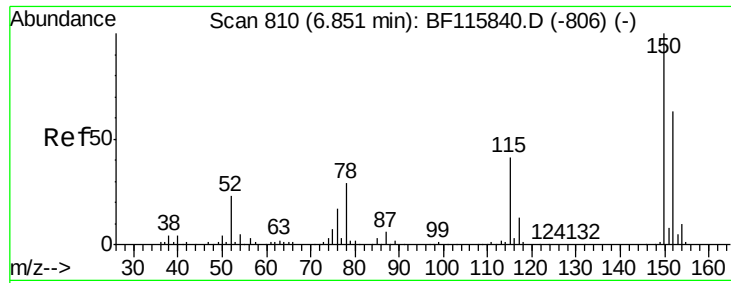
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
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 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	76241	37.283	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	170079	49.277	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	181107	50.761	ng	99
46) 1,1'-Biphenyl	9.26	154	727200	54.915	ng	98
47) 2-Chloronaphthalene	9.29	162	568090	51.544	ng	99
48) 2-Nitroaniline	9.39	65	183844	50.465	ng	96
49) Acenaphthylene	9.70	152	864656	53.775	ng	99
50) Dimethylphthalate	9.56	163	706725	55.337	ng	100
51) 2,6-Dinitrotoluene	9.63	165	151057	54.427	ng #	86
52) Acenaphthene	9.87	154	527164	53.441	ng	99
53) 3-Nitroaniline	9.81	138	63965	18.652	ng	98
54) 2,4-Dinitrophenol	9.93	184	117269	82.774	ng	99
55) Dibenzofuran	10.05	168	755984	52.699	ng	100
56) 4-Nitrophenol	9.99	139	136508	62.138	ng	95
57) 2,4-Dinitrotoluene	10.05	165	194486	52.631	ng	94
58) Fluorene	10.39	166	635212	57.553	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	170222	56.709	ng	94
60) Diethylphthalate	10.26	149	674885	56.601	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	320095	57.265	ng	95
62) 4-Nitroaniline	10.42	138	156679	44.209	ng	98
63) Azobenzene	10.53	77	682129	55.620	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	98417	54.101	ng	99
66) n-Nitrosodiphenylamine	10.49	169	553370	53.557	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	194024	52.799	ng	95
68) Hexachlorobenzene	10.94	284	214292	50.430	ng	98
69) Atrazine	11.02	200	149642	44.023	ng	99
70) Pentachlorophenol	11.15	266	173745	84.218	ng	98
71) Phenanthrene	11.35	178	963673	54.913	ng	100
72) Anthracene	11.40	178	1012013	56.981	ng	99
73) Carbazole	11.56	167	921875	57.212	ng	100
74) Di-n-butylphthalate	11.87	149	1131155	60.178	ng	99
75) Fluoranthene	12.54	202	1076723	58.606	ng	99
78) Pyrene	12.77	202	1116379	49.925	ng	99
80) Butylbenzylphthalate	13.37	149	529370	55.965	ng	96
81) Benzo(a)anthracene	13.96	228	1006899	53.106	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	83505	12.677	ng	98
83) Chrysene	13.99	228	1000784	54.369	ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	766744	62.379	ng	99
85) Di-n-octyl phthalate	14.53	149	1303434	66.762	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	1020132	65.984	ng	100
88) Benzo(b)fluoranthene	15.00	252	988660	52.955	ng	99
89) Benzo(k)fluoranthene	15.00	252	988660	54.368	ng	99
90) Benzo(a)pyrene	15.36	252	936036	56.085	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	860776	59.583	ng	99
92) Benzo(g,h,i)perylene	17.32	276	845371	59.584	ng	99

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

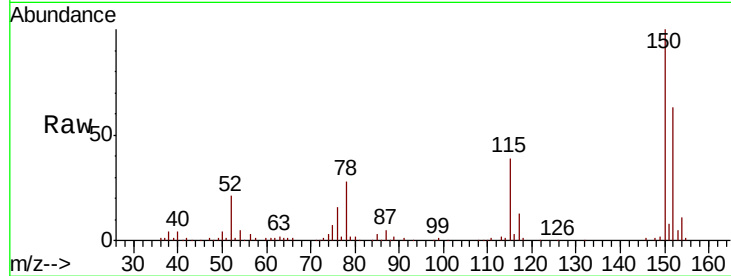


#1

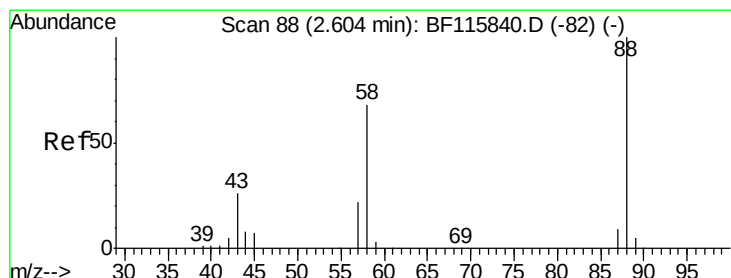
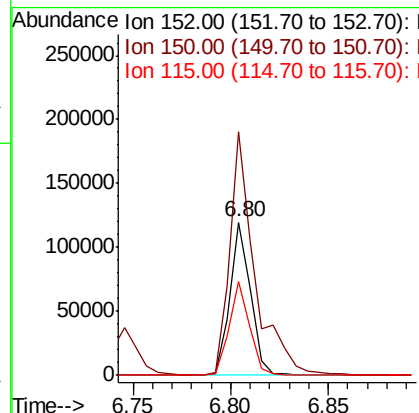
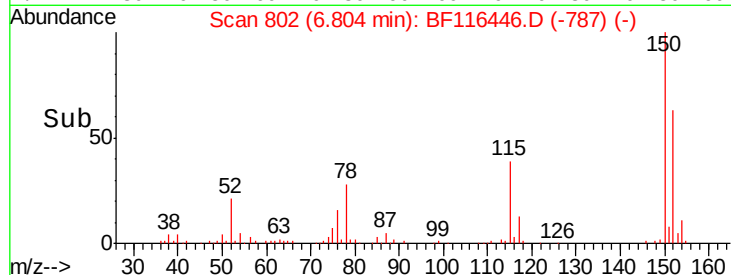
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Instrument :
BNA_F
ClientSampleId :

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



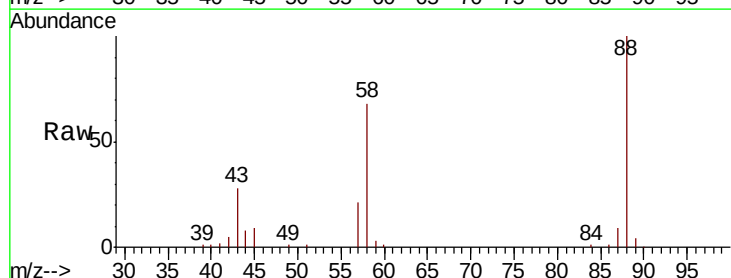
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



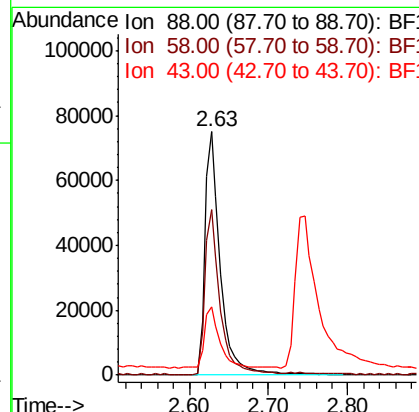
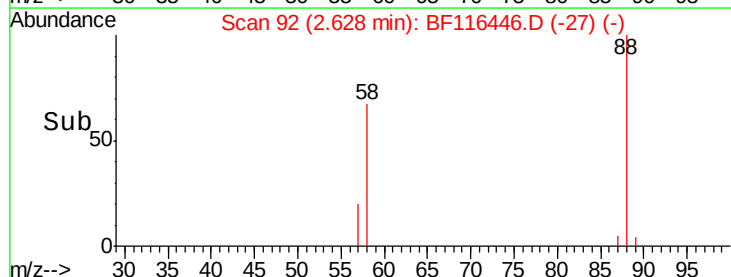
#2

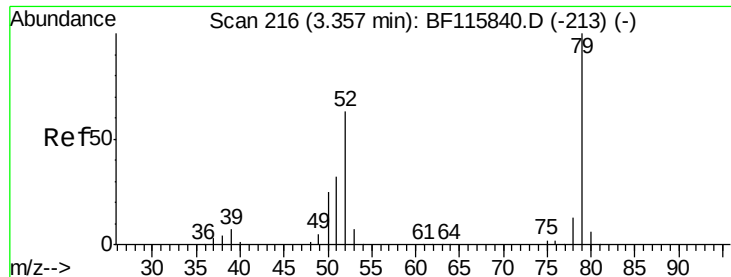
1,4-Dioxane
Concen: 38.864 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.08 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

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

ClientSampled :

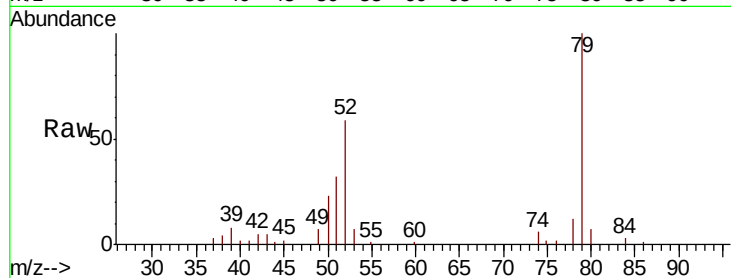
Tot Ion: 79 Resp: 160638

Ion Ratio Lower Upper

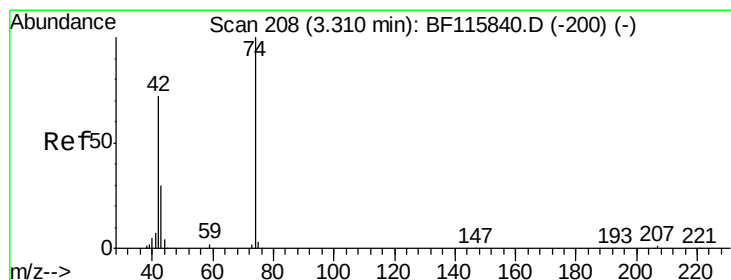
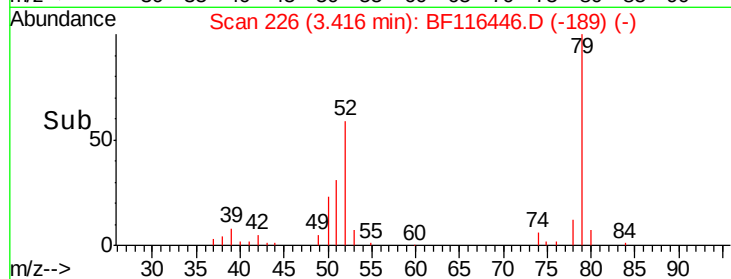
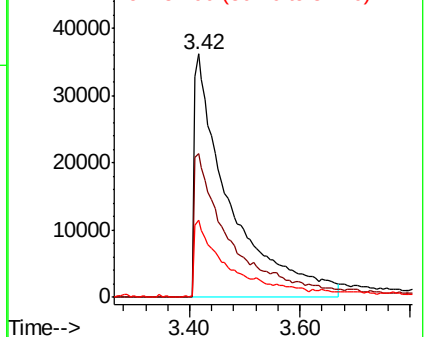
79 100

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

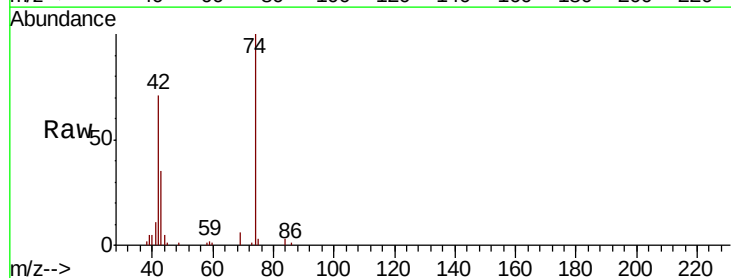
Tgt Ion: 42 Resp: 114687

Ion Ratio Lower Upper

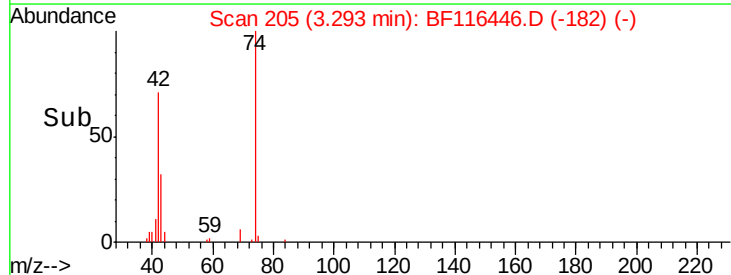
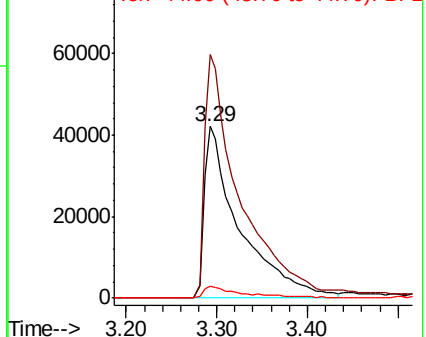
42 100

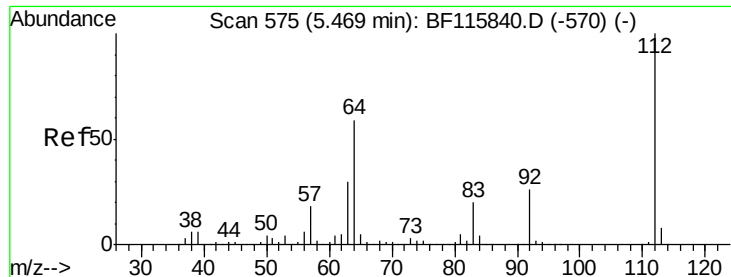
74 141.7 116.0 174.0

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 :

BNA_F

ClientSampleId :

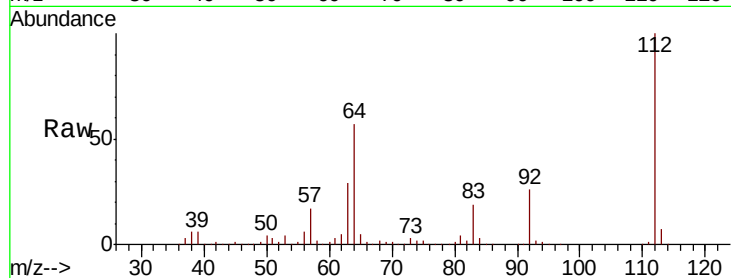
Tot Ion:112 Resp: 749038

Ion Ratio Lower Upper

112 100

64 57.2 45.4 68.2

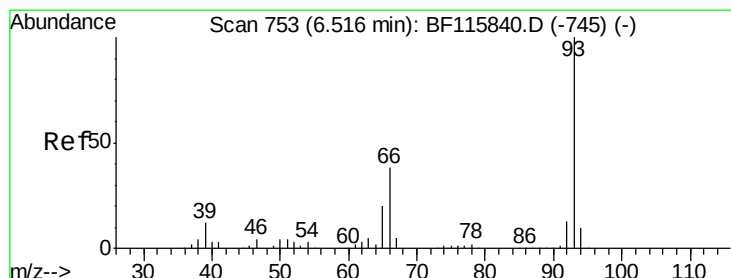
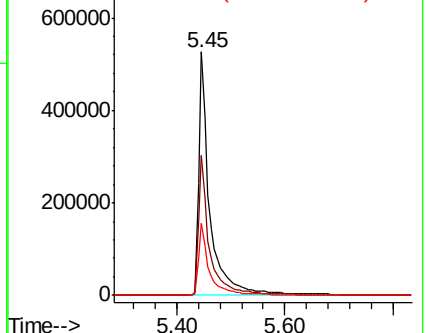
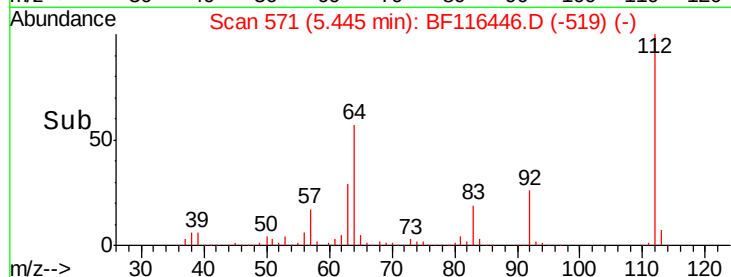
63 29.5 23.7 35.5



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

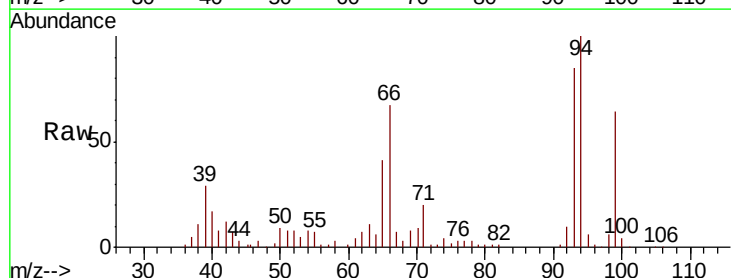
Tgt Ion: 93 Resp: 120215

Ion Ratio Lower Upper

93 100

66 79.2 32.2 48.4#

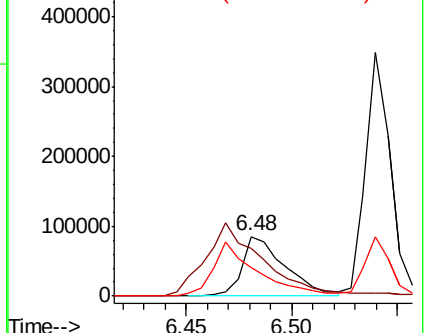
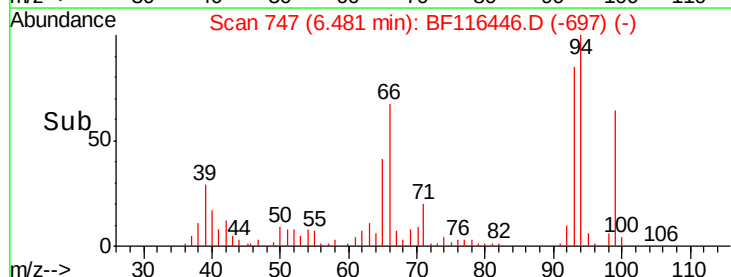
65 47.7 17.0 25.6#

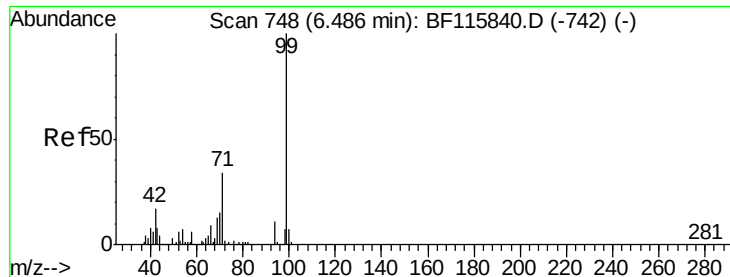


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

Instrument :

BNA_F

ClientSampleId :

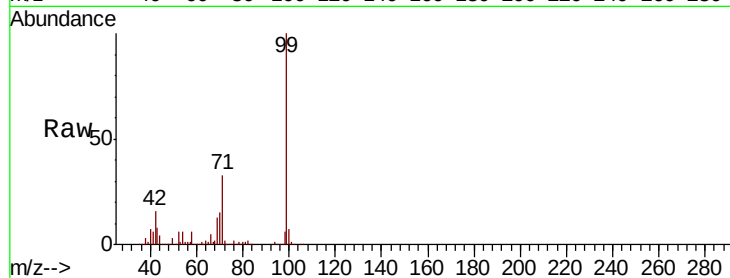
Tot Ion: 99 Resp: 884448

Ion Ratio Lower Upper

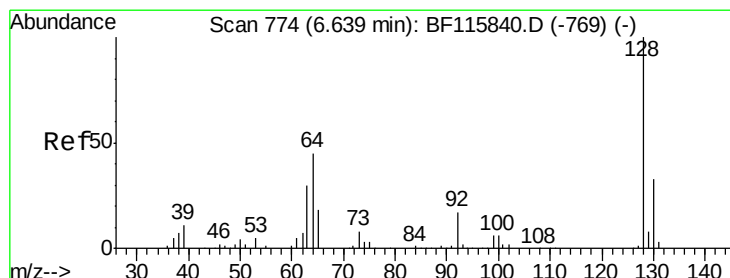
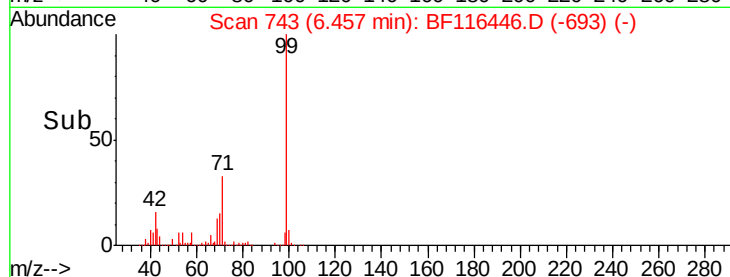
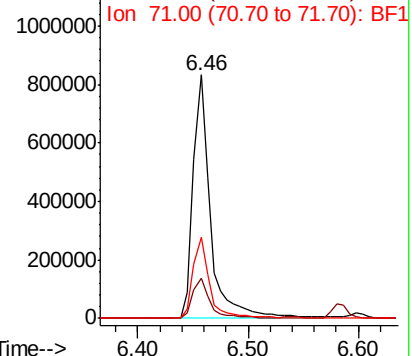
99 100

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

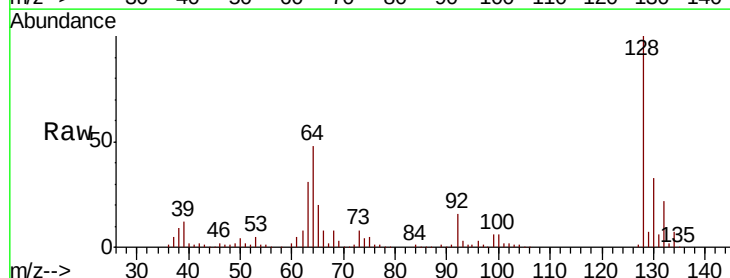
Tgt Ion: 128 Resp: 294657

Ion Ratio Lower Upper

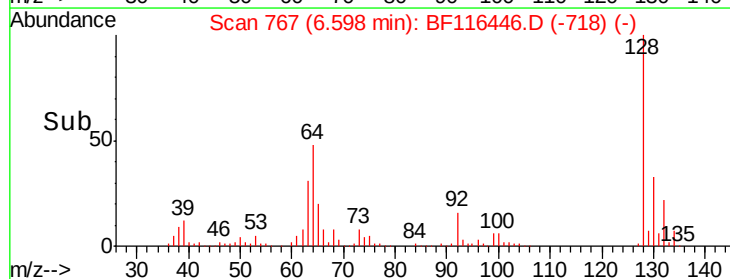
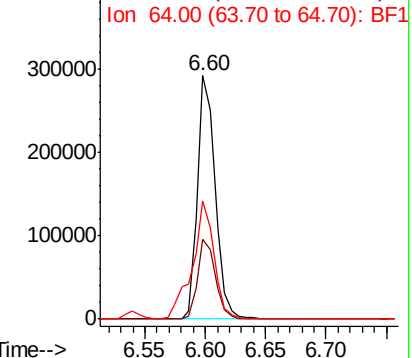
128 100

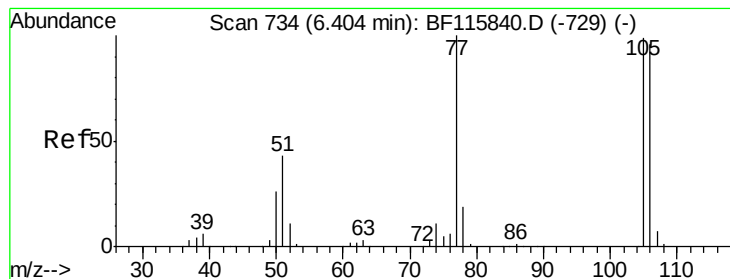
130 33.0 12.9 52.9

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

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :

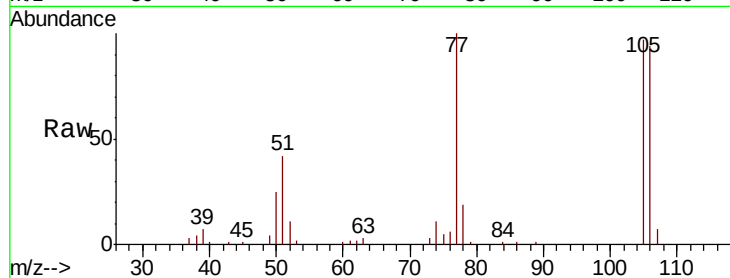
Tot Ion: 77 Resp: 97574

Ion Ratio Lower Upper

77 100

105 96.9 79.2 119.2

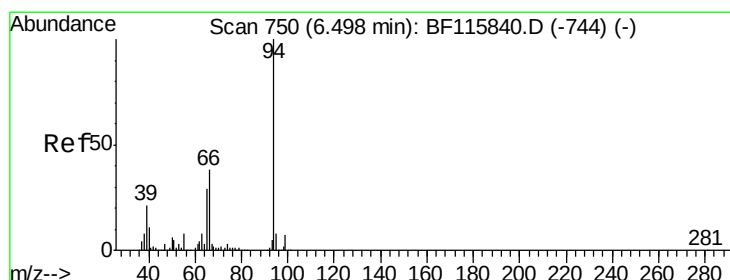
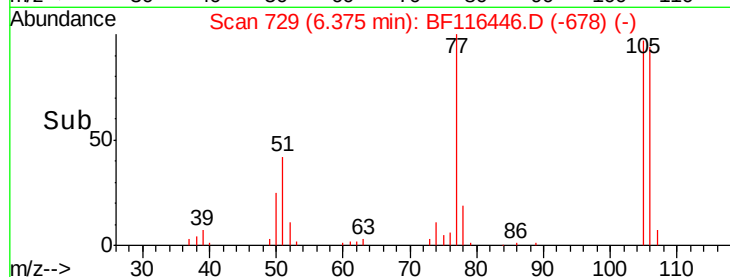
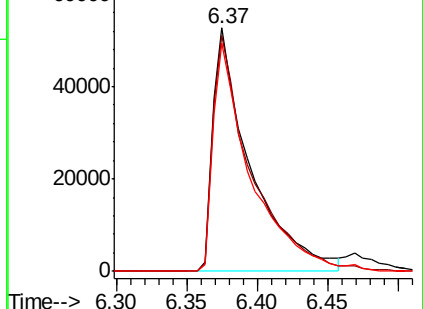
106 93.7 74.3 114.3



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

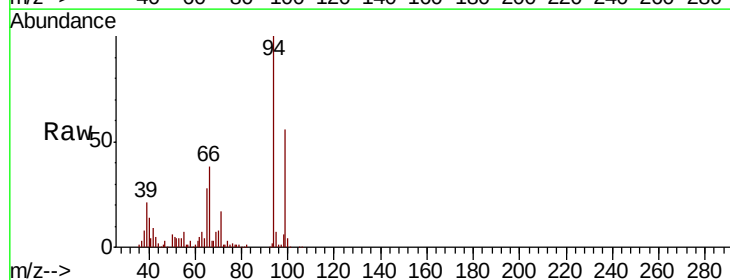
Tgt Ion: 94 Resp: 318712

Ion Ratio Lower Upper

94 100

65 28.0 16.8 56.8

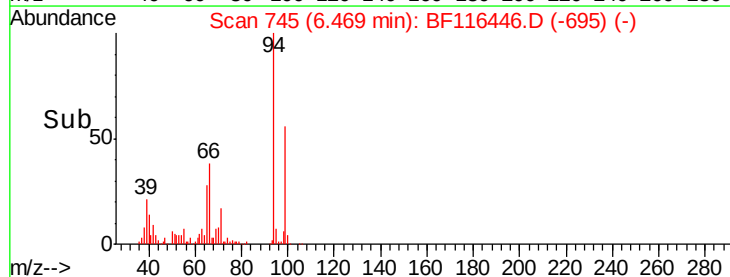
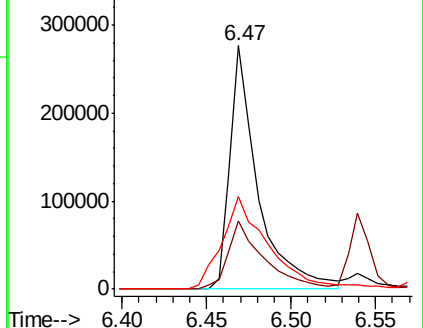
66 38.1 34.2 74.2

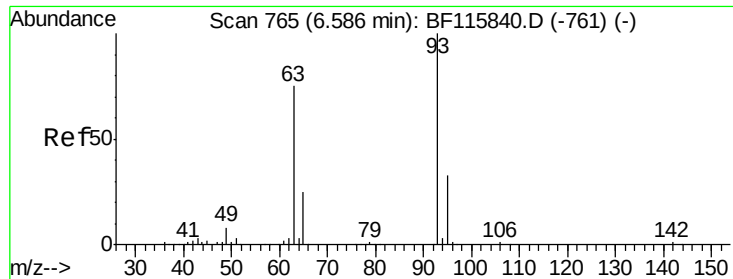


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

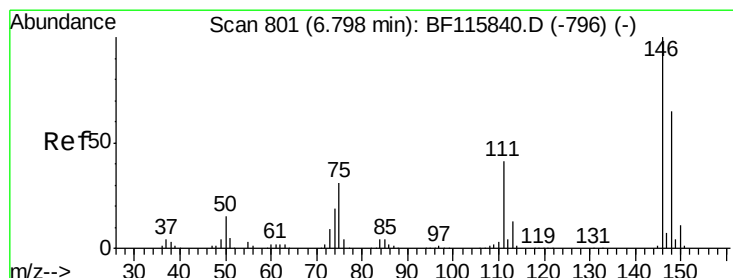
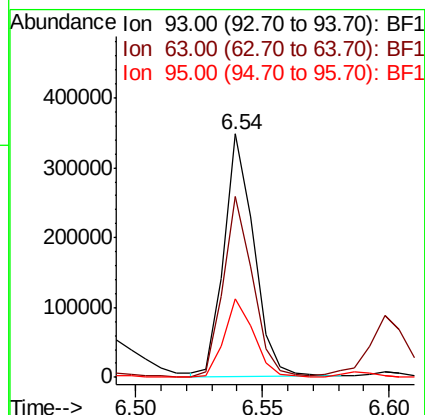
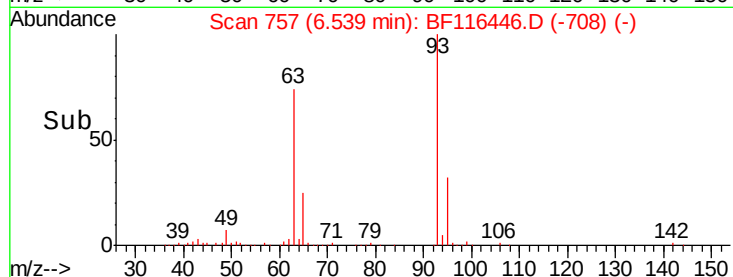
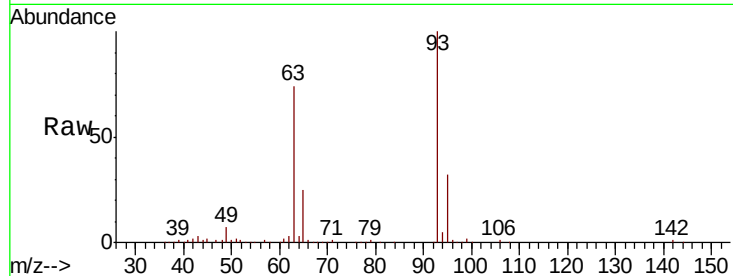




#11
bis(2-Chloroethyl)ether
Concen: 49.802 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

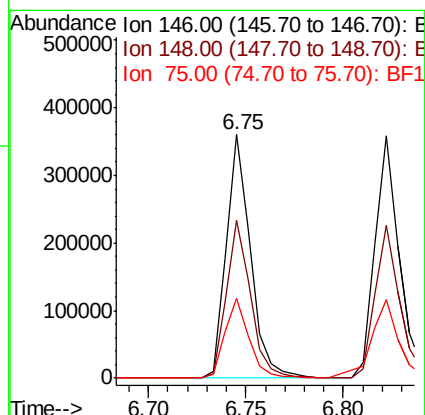
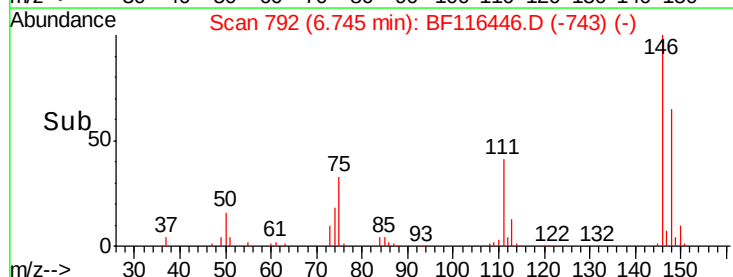
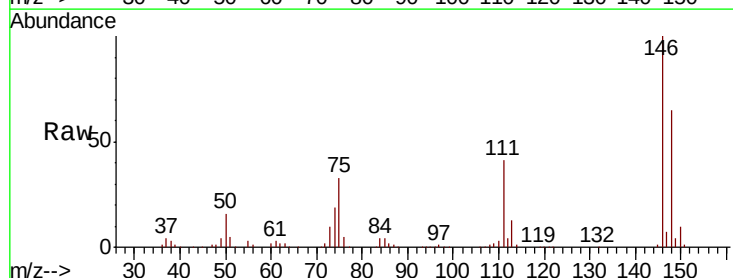
Instrument :
BNA_F
ClientSampleId :

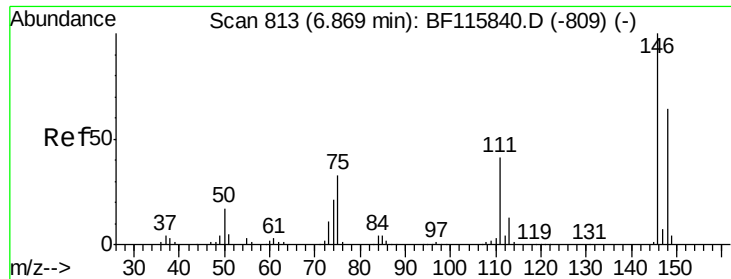
Tot Ion: 93 Resp: 283882
Ion Ratio Lower Upper
93 100
63 74.2 51.9 91.9
95 32.0 13.0 53.0



#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

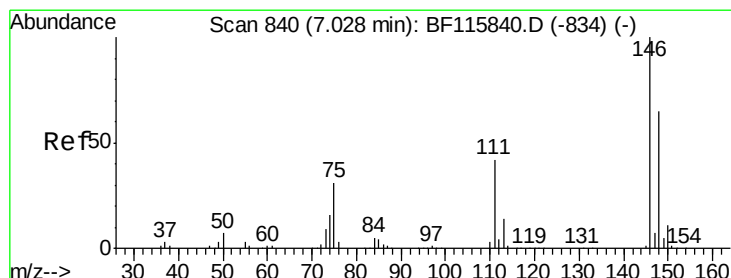
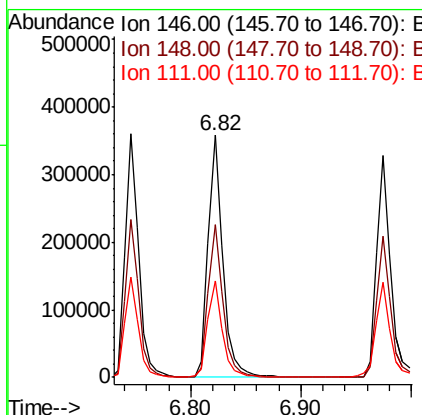
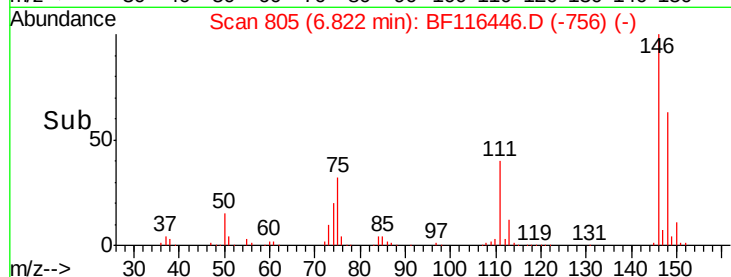
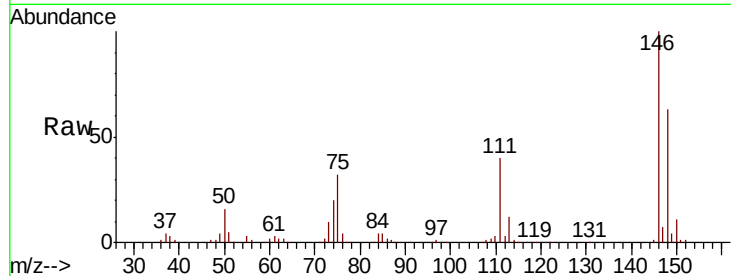




#13
 1,4-Dichlorobenzene
 Concen: 48.089 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

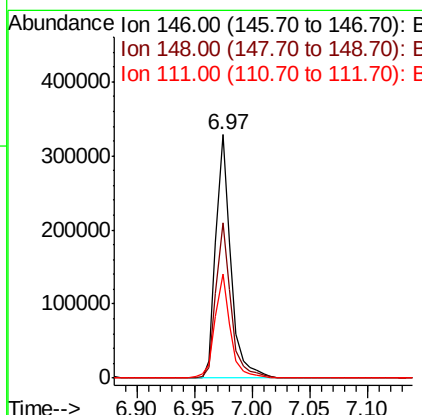
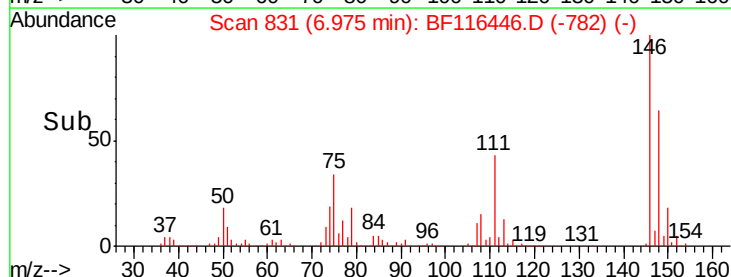
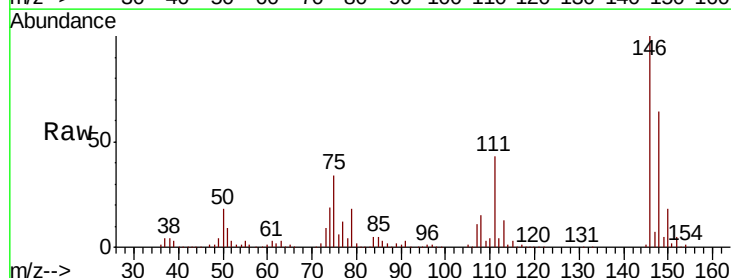
Instrument :
 BNA_F
 ClientSampled :

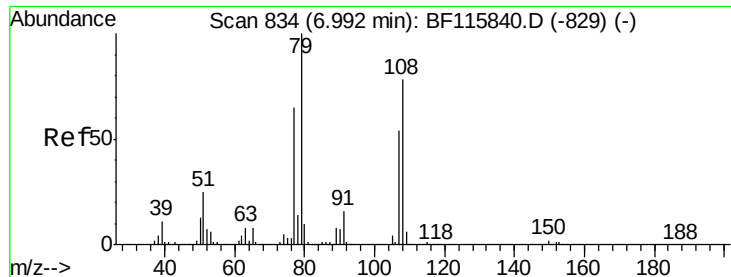
Tot Ion:146 Resp: 321110
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.3 76.9
 111 40.1 34.0 51.0



#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

ClientSampled :

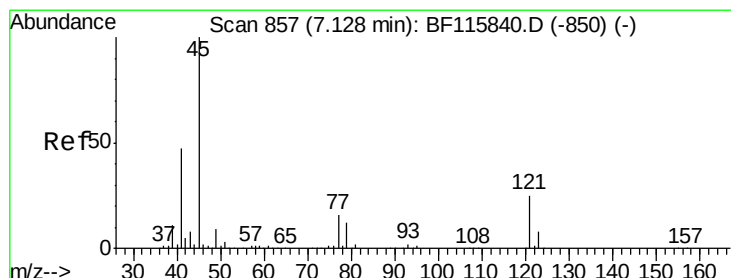
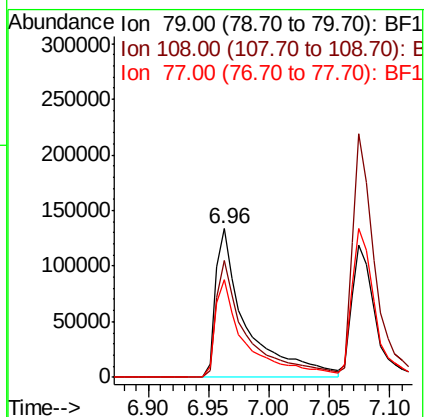
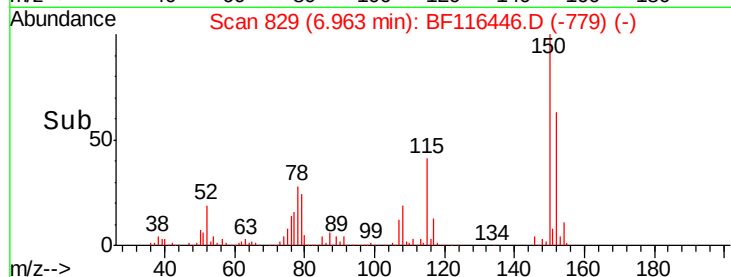
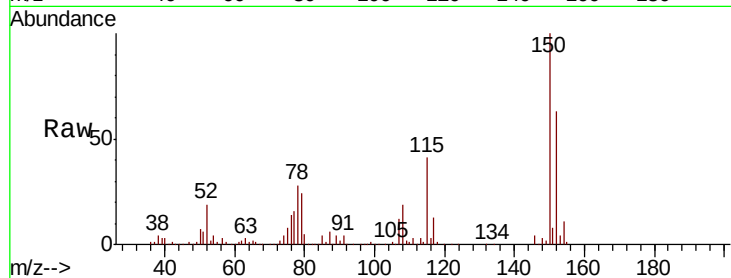
Tot Ion: 79 Resp: 234894

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

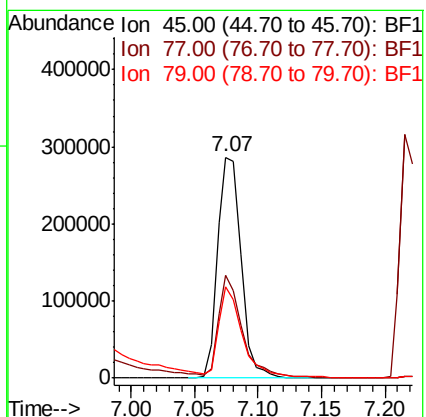
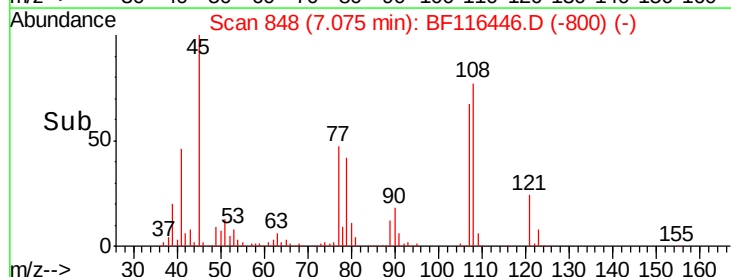
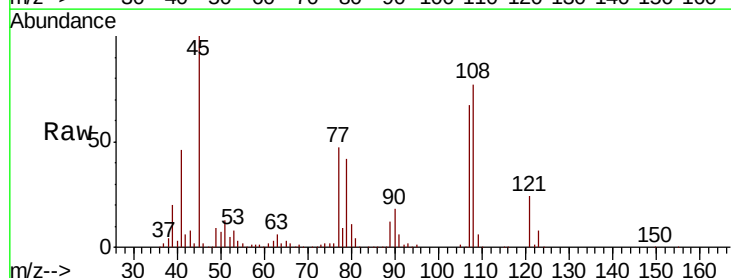
Tgt Ion: 45 Resp: 372431

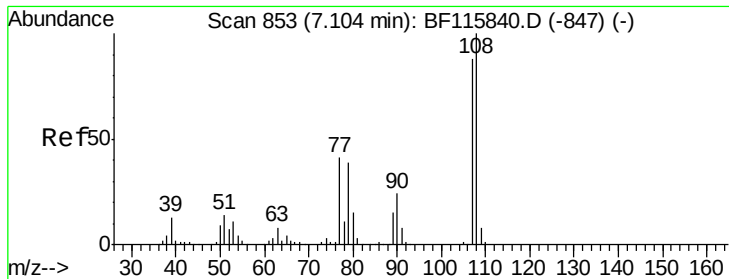
Ion Ratio Lower Upper

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

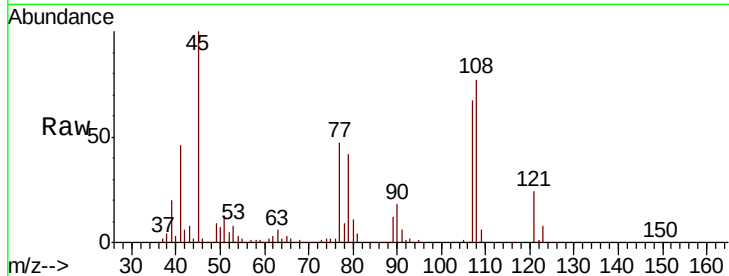
Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	243739
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#



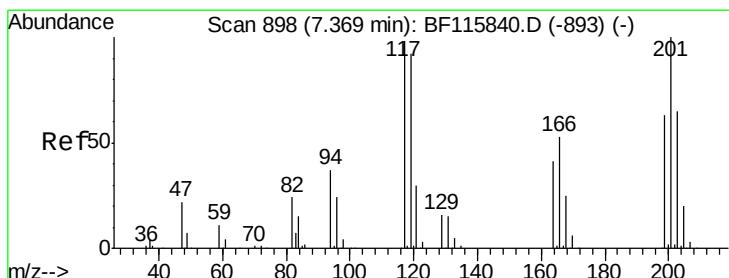
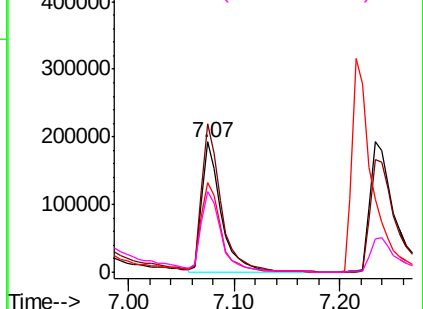
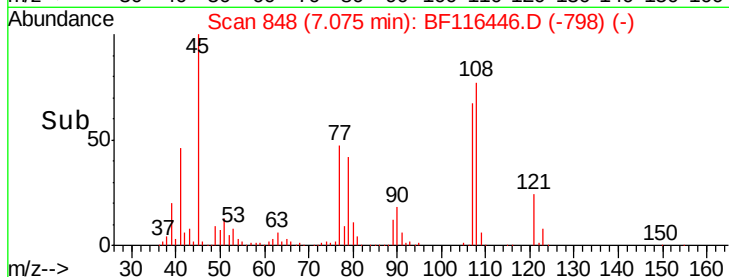
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 46.011 ng

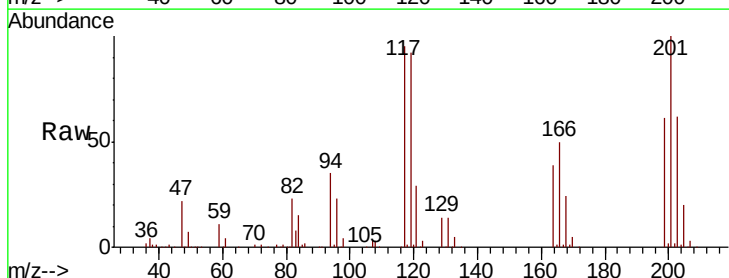
RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Tgt Ion:	117	Resp:	113116
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.1	114.1
201	104.8	77.0	115.4

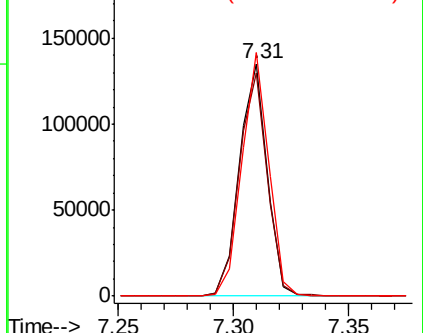
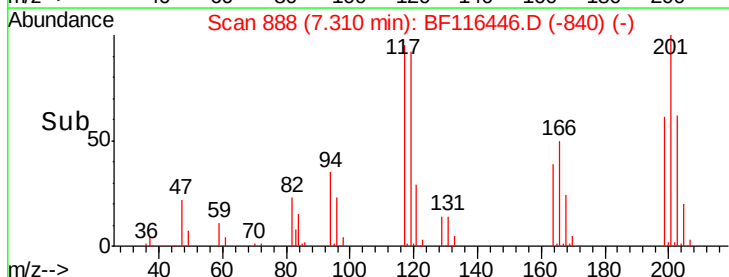


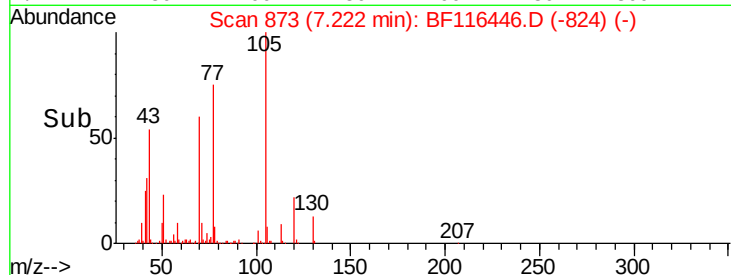
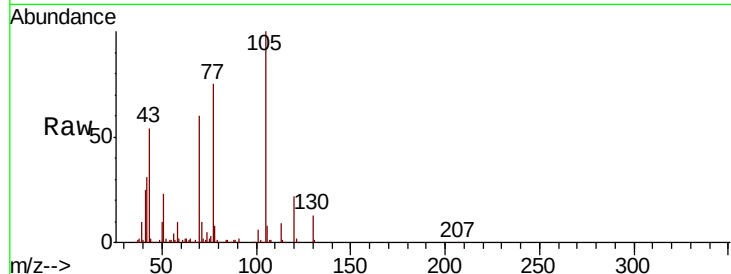
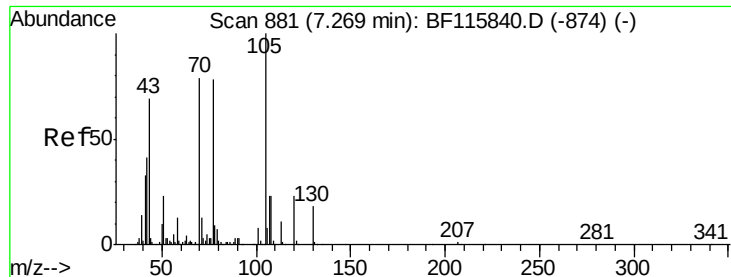
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

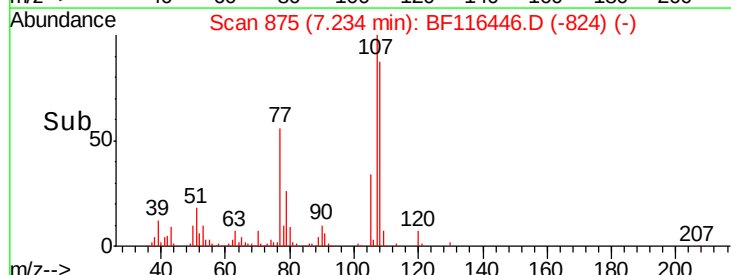
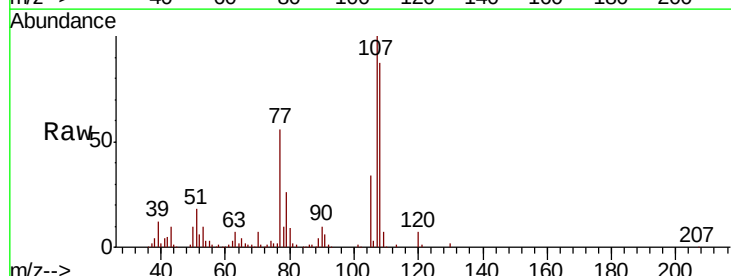
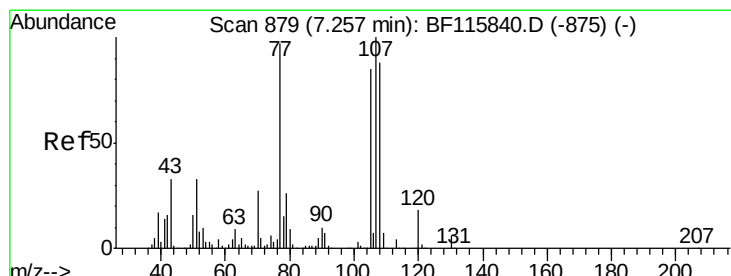
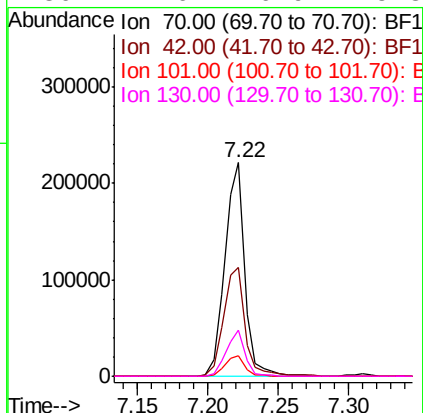




#19
n-Nitroso-di-n-propylamine
Concen: 52.964 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

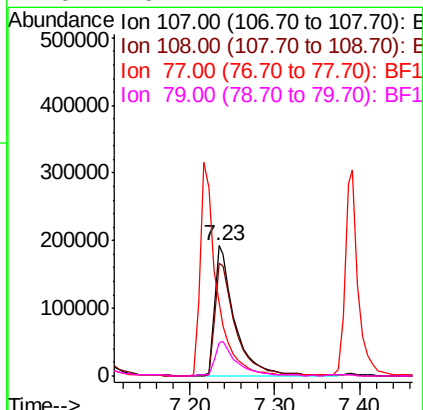
Instrument :
BNA_F
ClientSampleId :

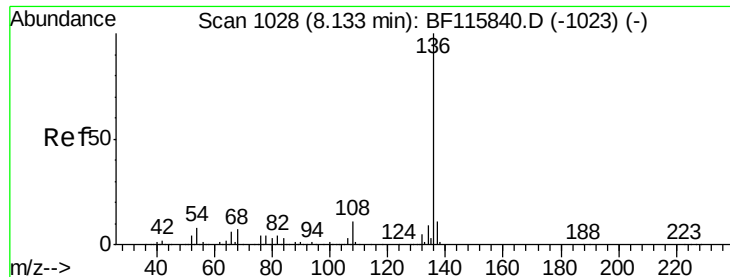
Tot Ion:	70	Resp:	216087
Ion	Ratio	Lower	Upper
70	100		
42	51.2	40.9	61.3
101	9.6	7.9	11.9
130	21.6	16.9	25.3



#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

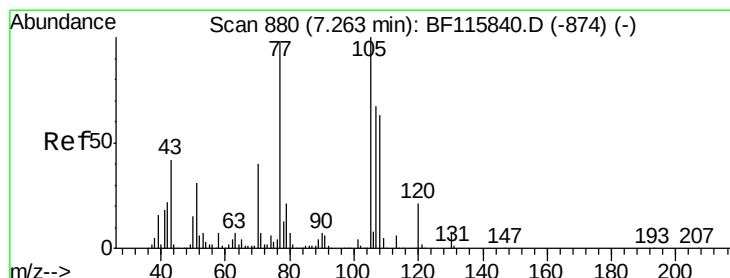
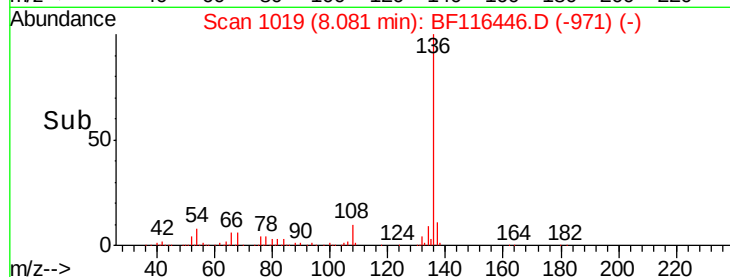
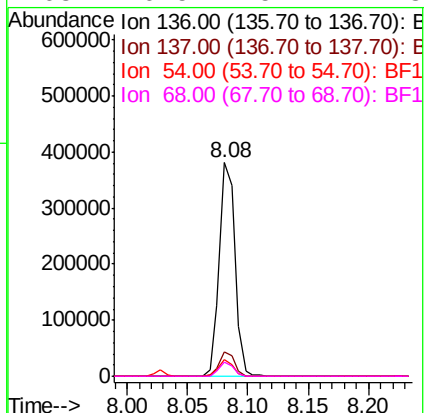
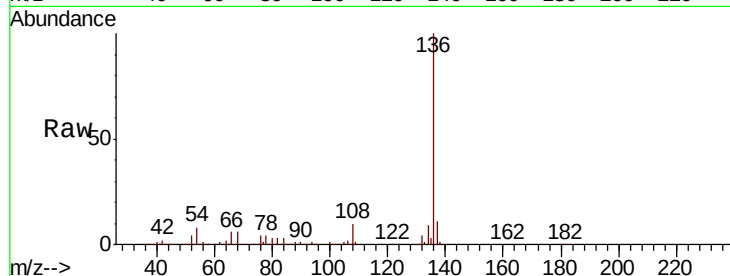




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

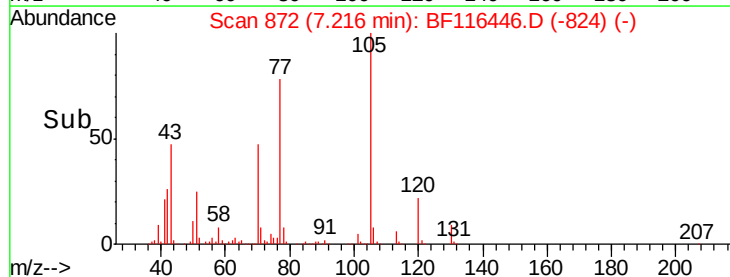
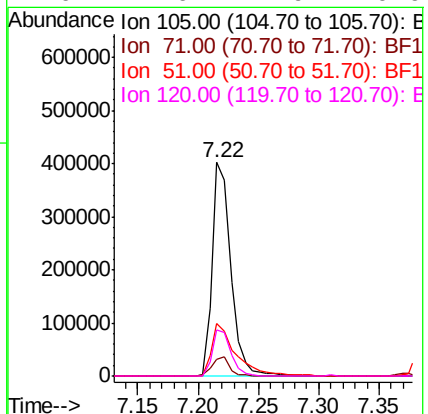
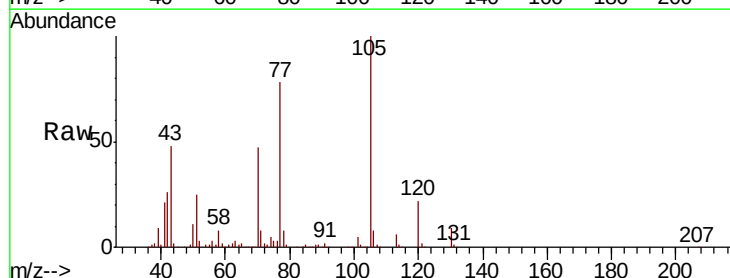
Instrument :
BNA_F
ClientSampled :

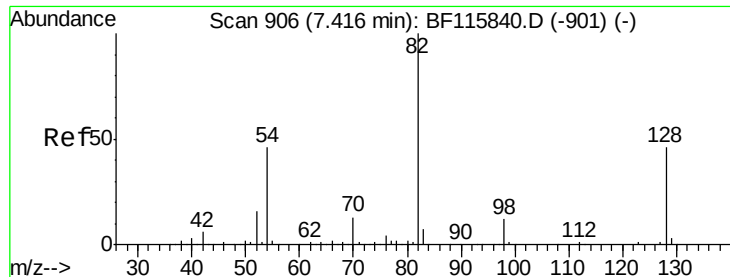
Tot Ion:136	Resp:	341196
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	7.7	5.8 8.6
68	6.5	5.2 7.8



#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

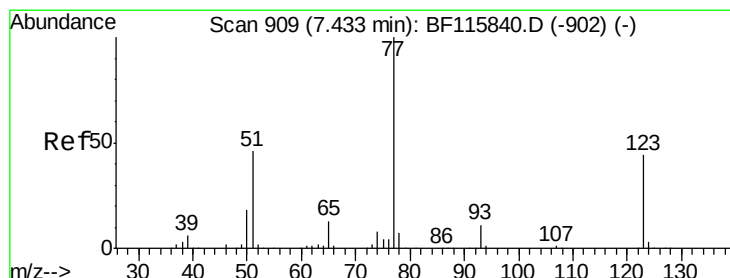
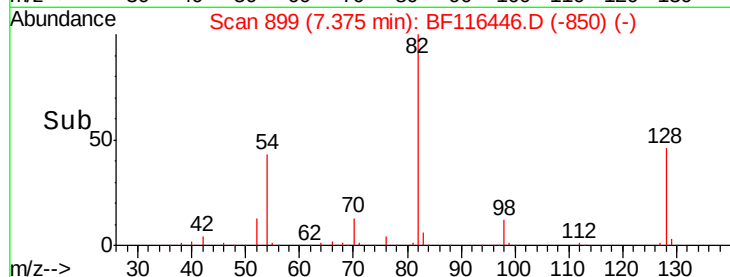
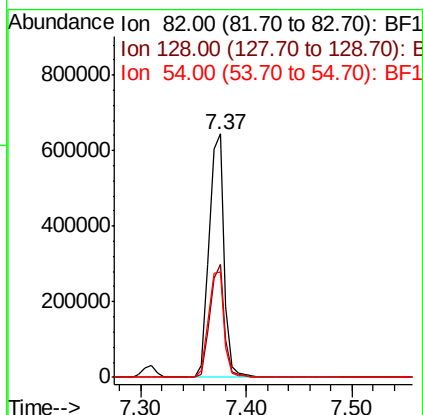
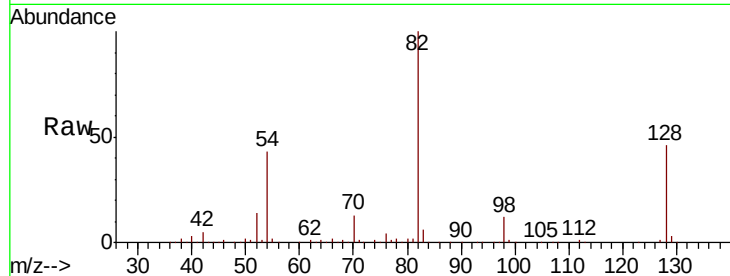




#23
 Nitrobenzene-d5
 Concen: 109.458 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

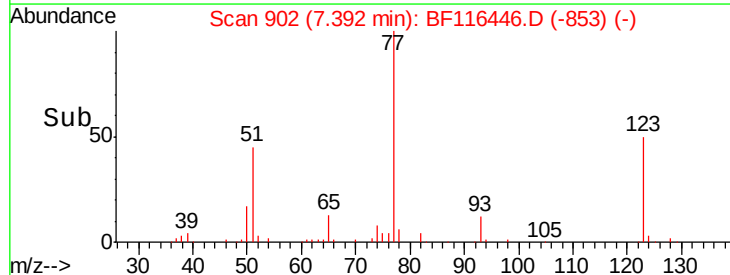
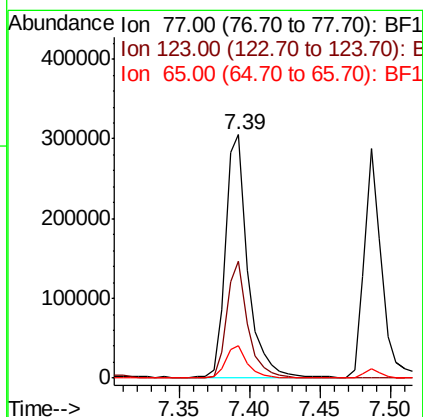
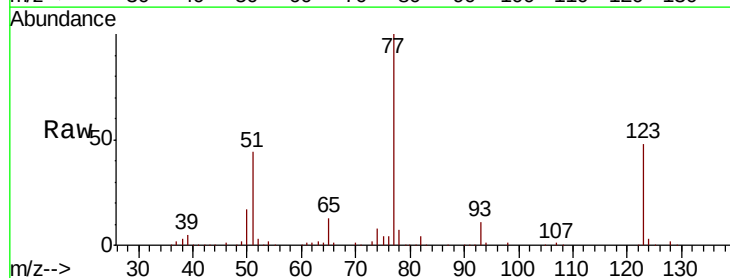
Instrument :
 BNA_F
 ClientSampled :

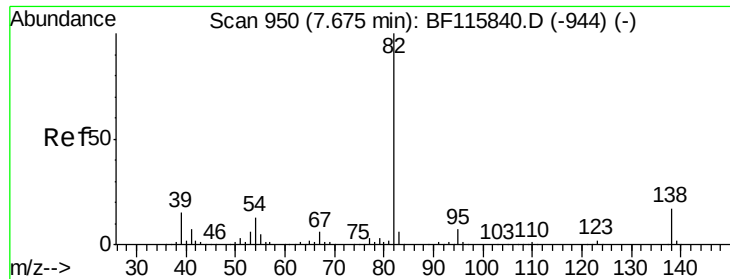
Tot Ion: 82 Resp: 646995
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.5 54.7
 54 43.2 36.0 54.0



#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

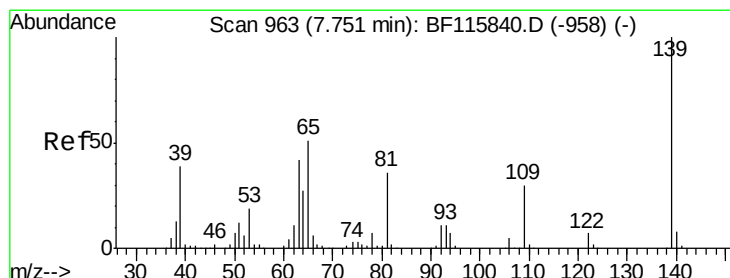
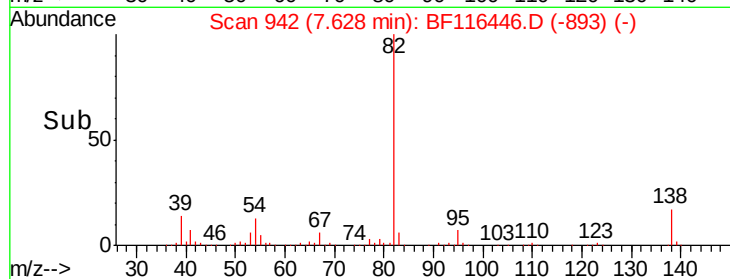
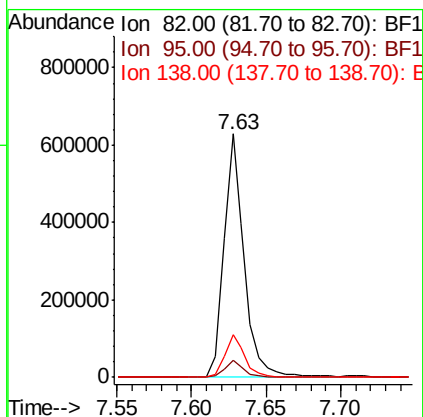
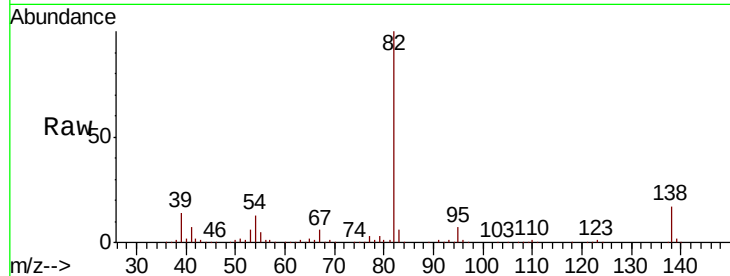




#25
Isophorone
Concen: 52.959 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

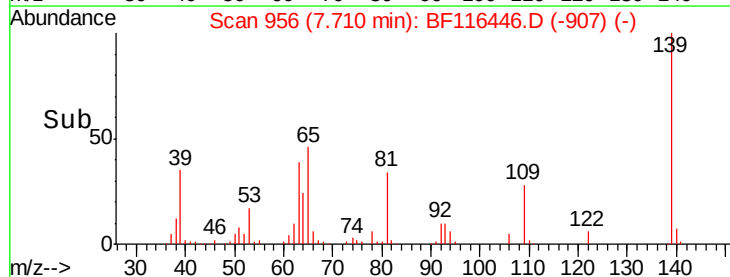
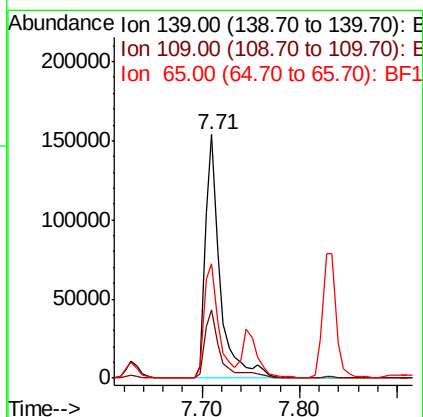
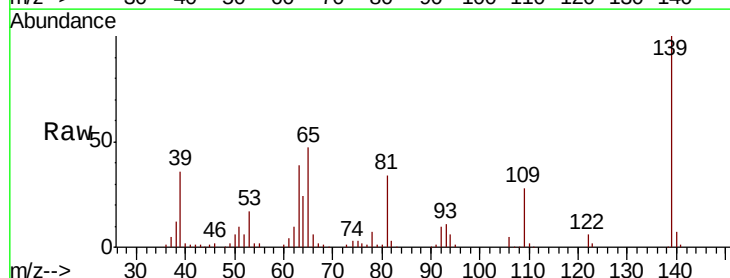
Instrument :
BNA_F
ClientSampleId :

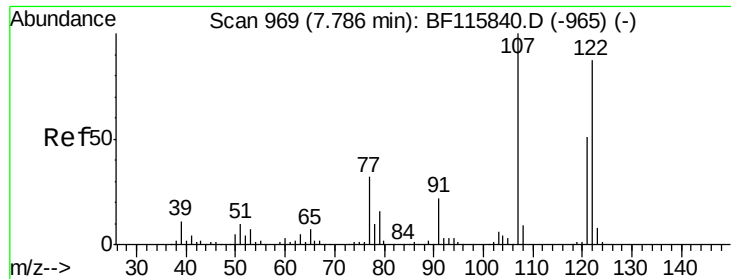
Tot Ion: 82 Resp: 598573
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.5 14.5 21.7



#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

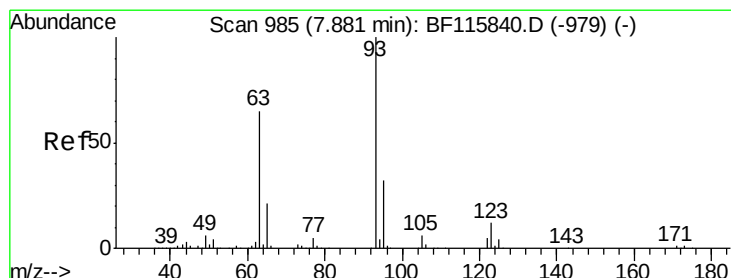
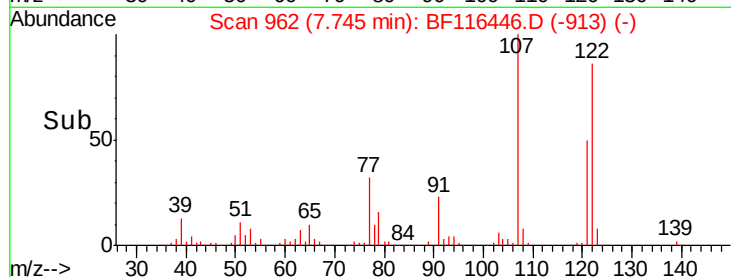
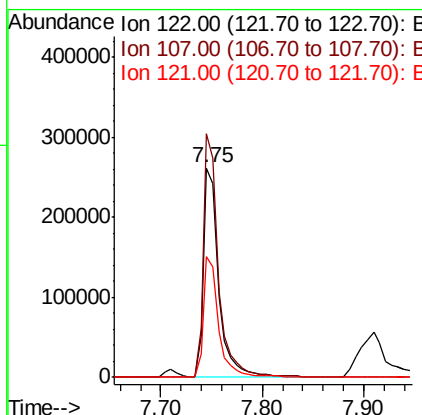
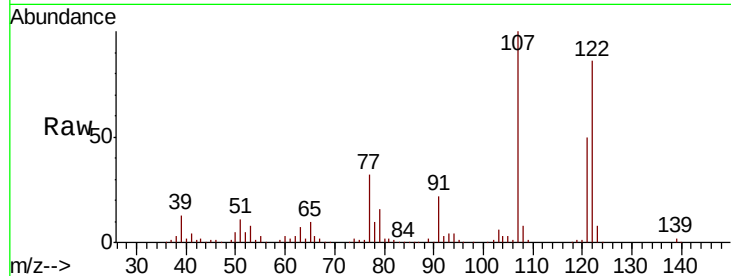




#27
 2,4-Dimethylphenol
 Concen: 60.555 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

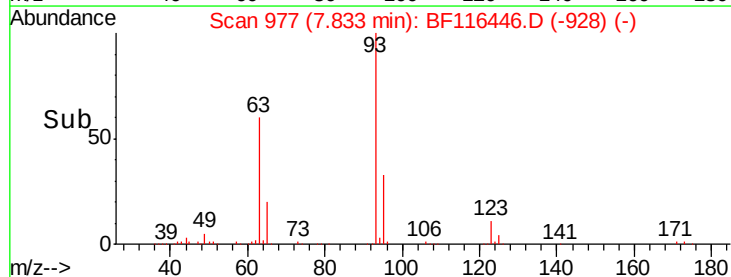
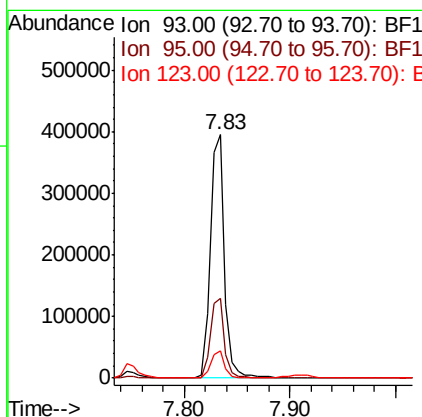
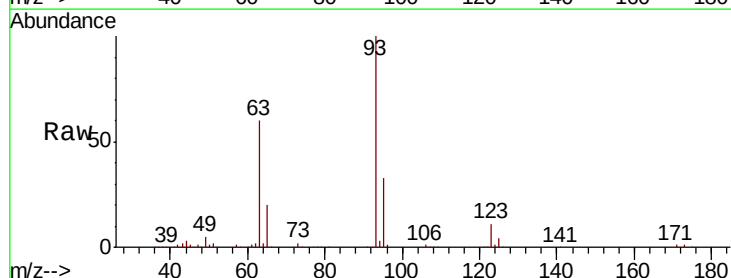
Instrument :
 BNA_F
 ClientSampleId :

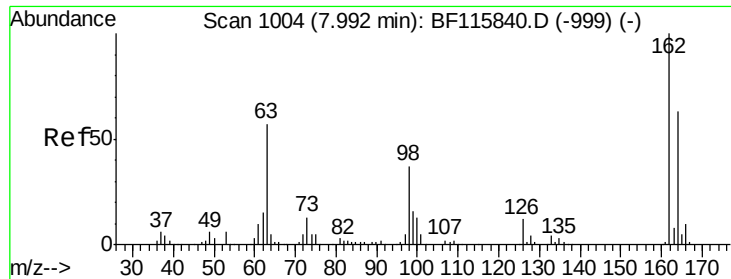
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.2	93.0	139.6
121	57.6	47.6	71.4



#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	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	11.5	9.2	13.8

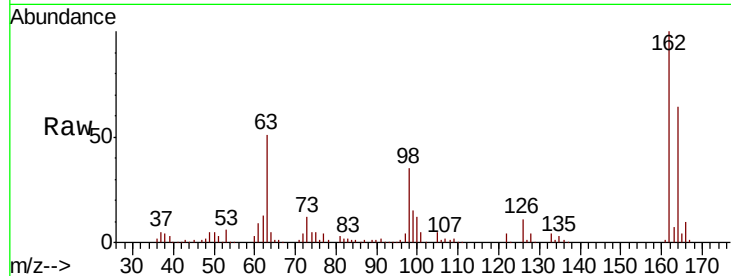




#29
 2,4-Dichlorophenol
 Concen: 54.833 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :

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

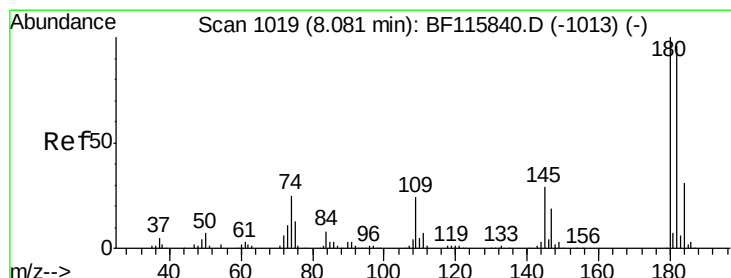
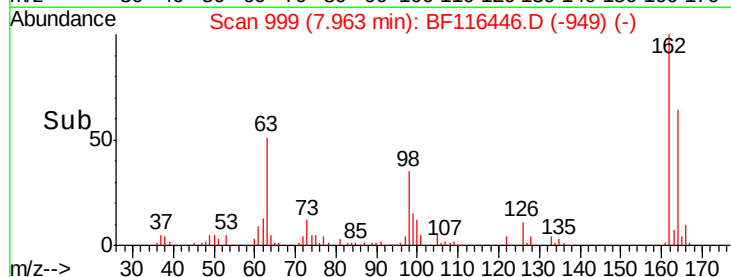
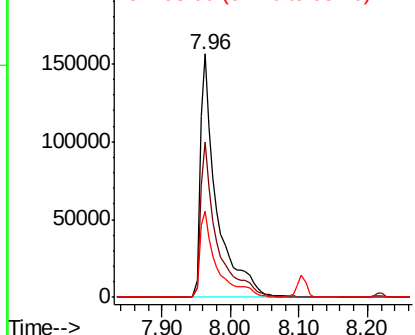


Abundance

Ion 162.00 (161.70 to 162.70): E

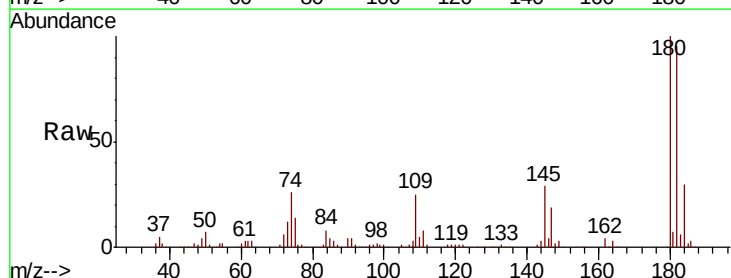
Ion 164.00 (163.70 to 164.70): E

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

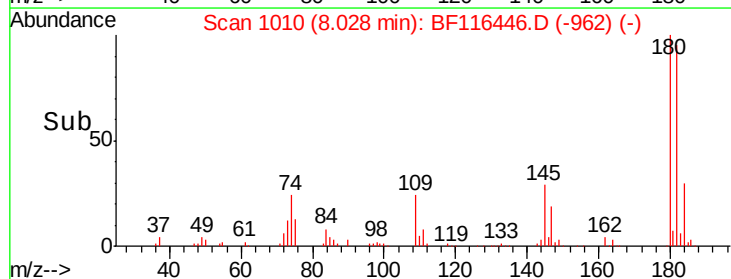
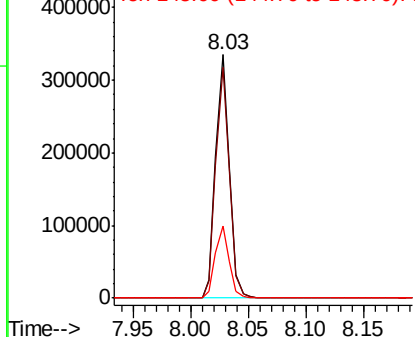


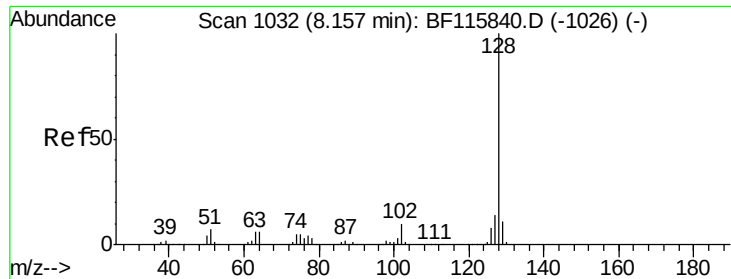
Abundance

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

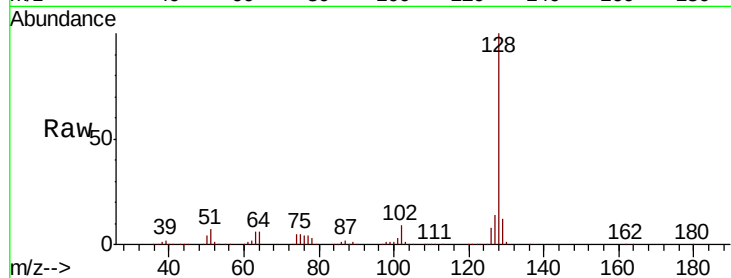




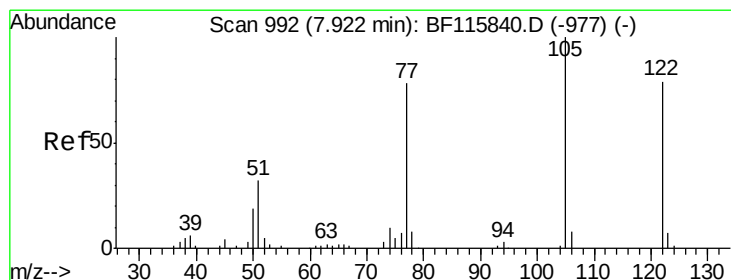
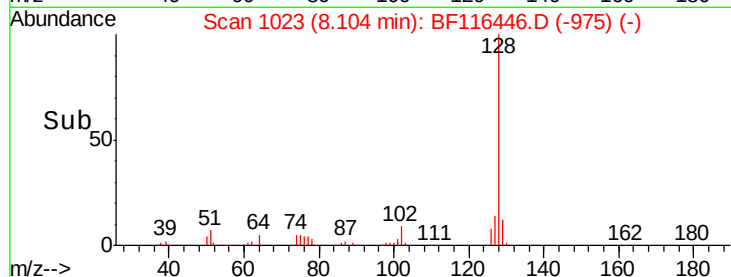
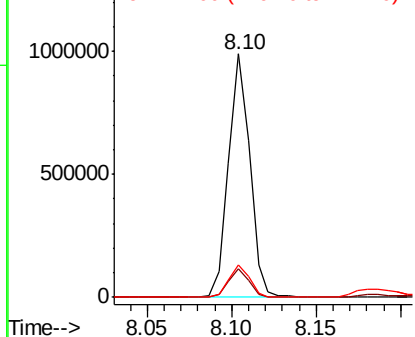
#31
Naphthalene
Concen: 54.019 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Instrument :
BNA_F
ClientSampleId :

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

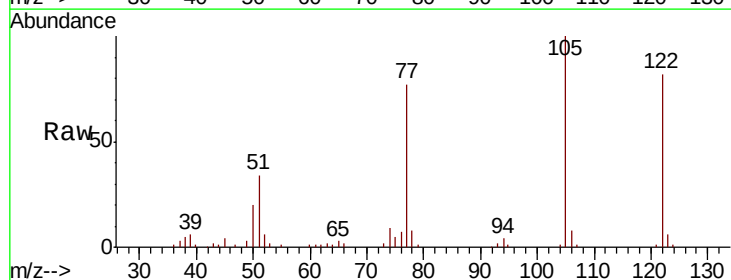


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

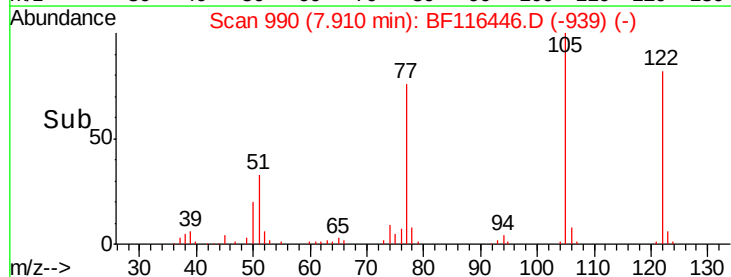
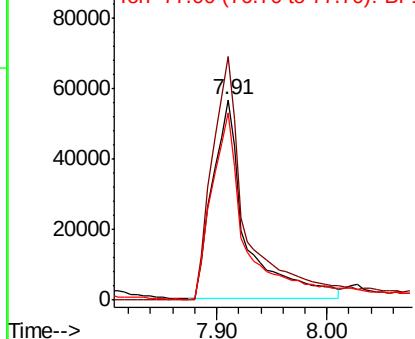


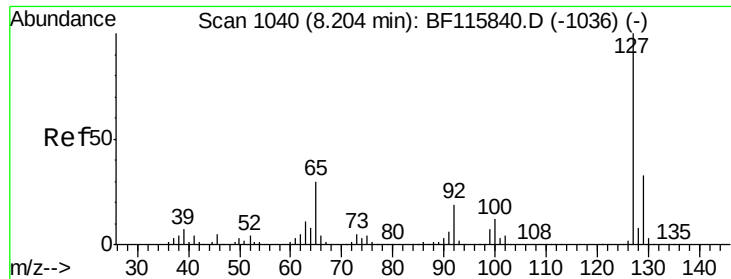
#32
Benzoic acid
Concen: 37.397 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

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

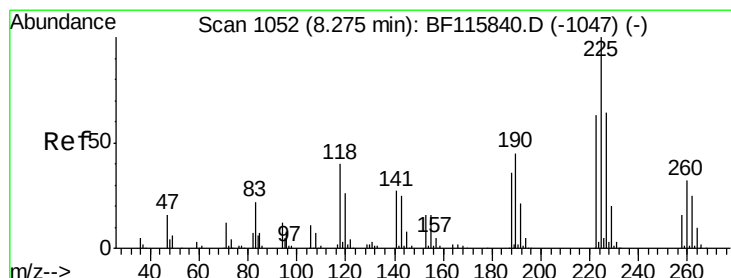
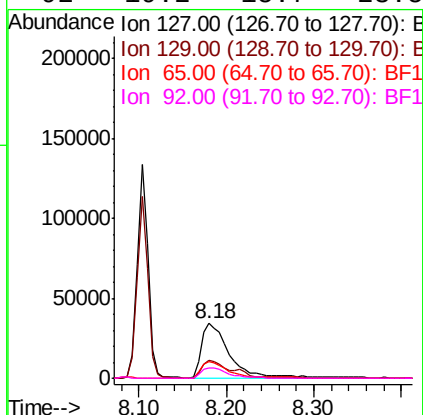
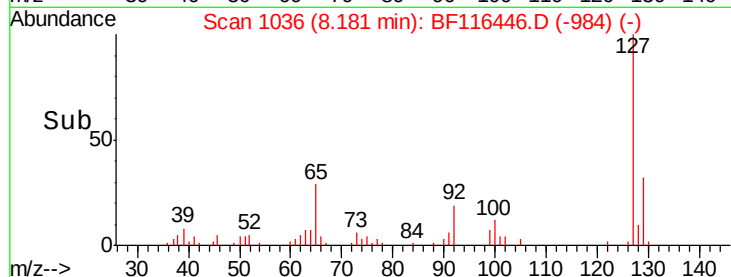
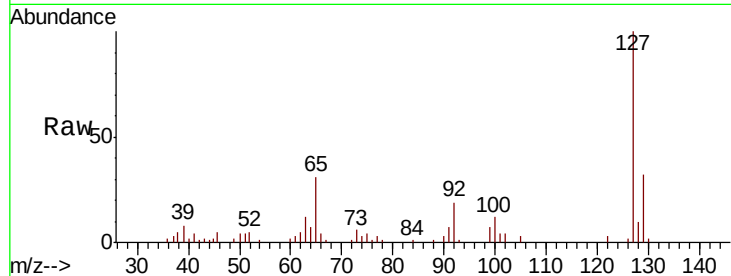




#33
4-Chloroaniline
Concen: 10.399 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

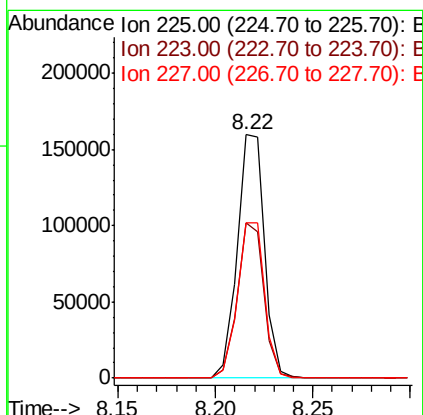
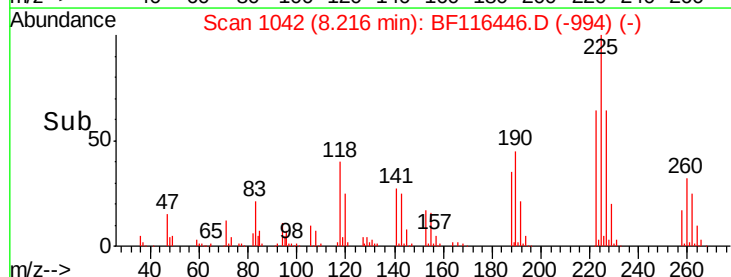
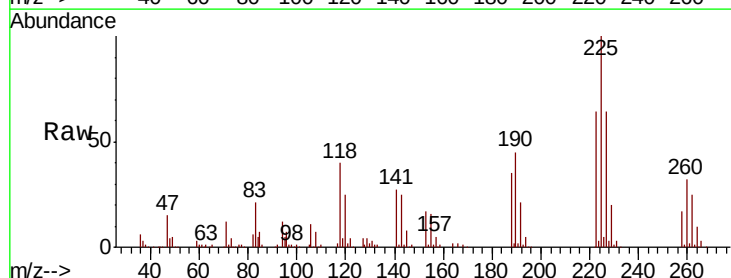
Instrument :
BNA_F
ClientSampleId :

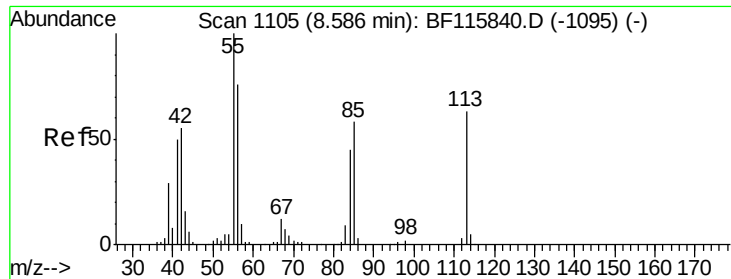
Tot Ion:	127	Resp:	74602
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	30.9	24.9	37.3
92	19.2	15.7	23.5



#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

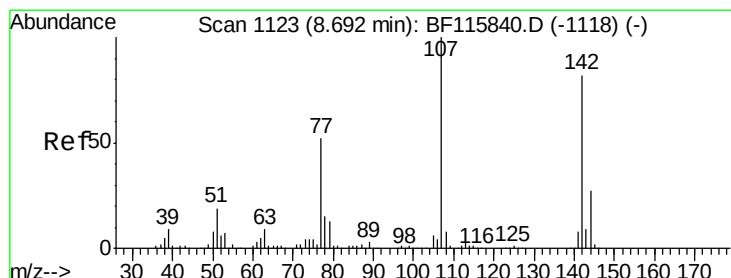
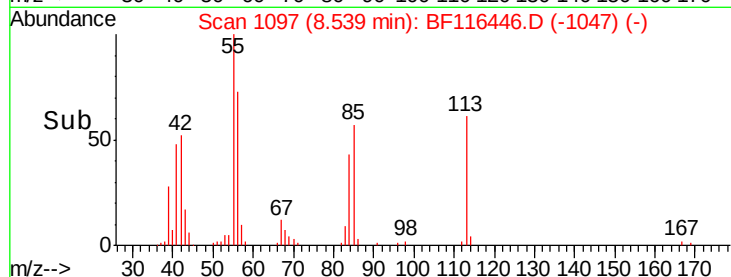
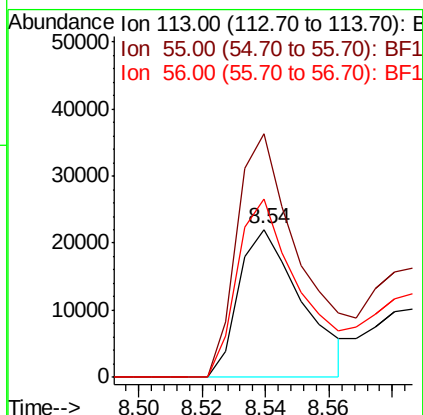
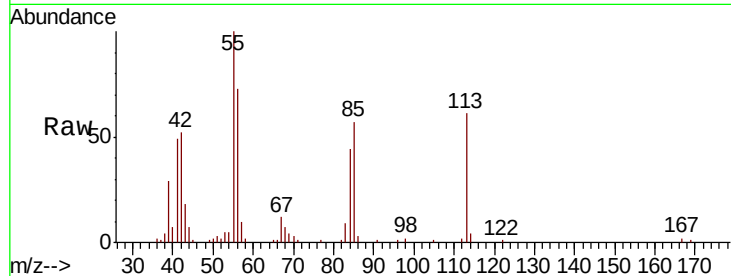




#35
 Caprolactam
 Concen: 19.627 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

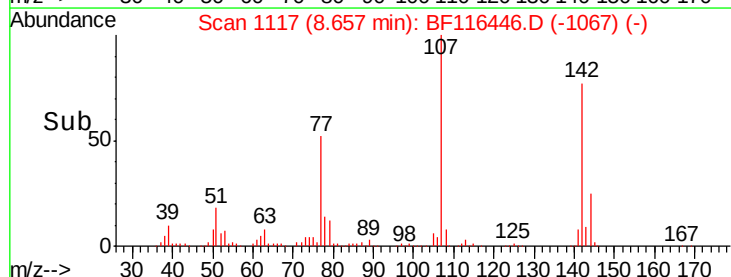
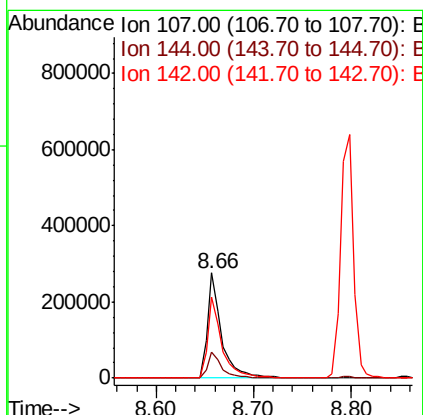
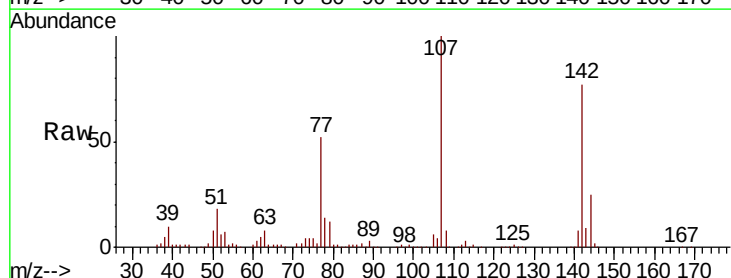
Instrument :
 BNA_F
 ClientSampleId :

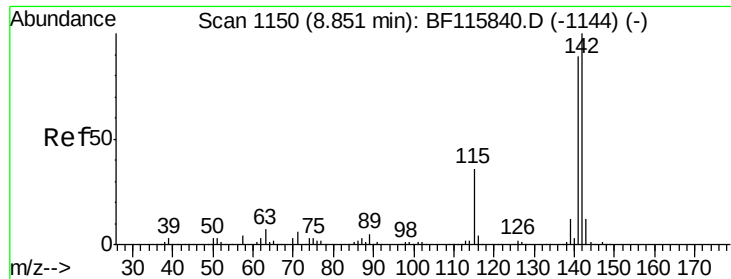
Tot Ion:113 Resp: 30338
 Ion Ratio Lower Upper
 113 100
 55 164.5 144.3 184.3
 56 120.5 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 55.908 ng
 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

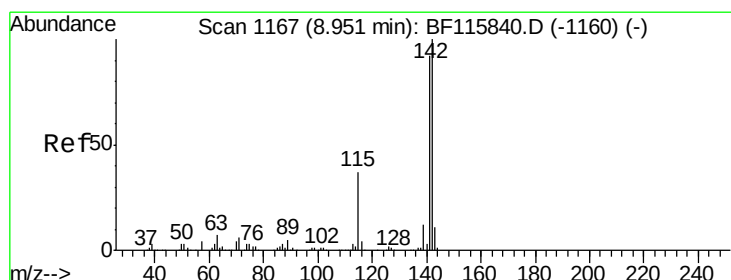
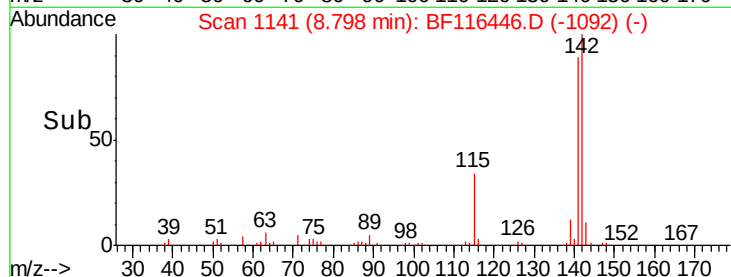
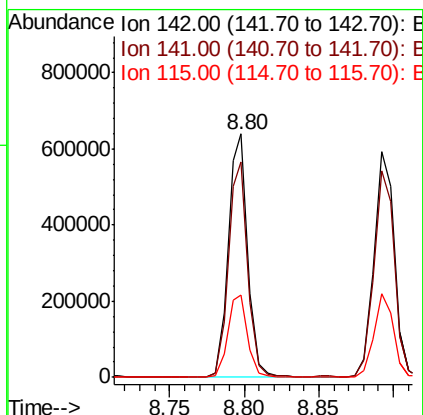
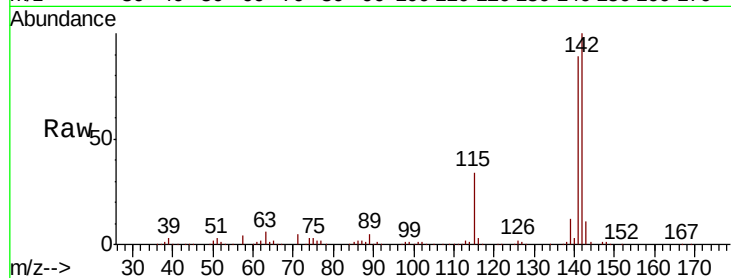




#37
 2-Methylnaphthalene
 Concen: 55.470 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

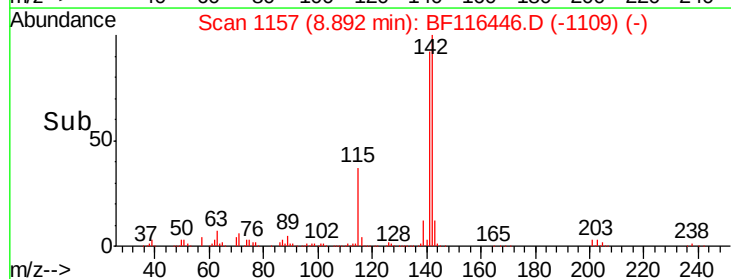
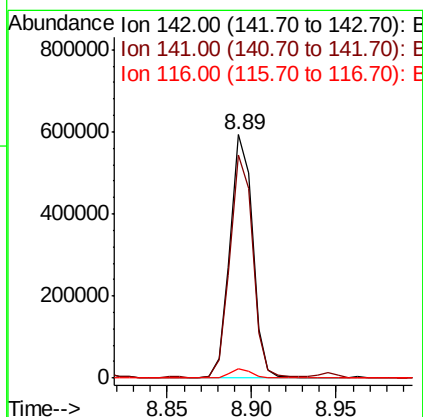
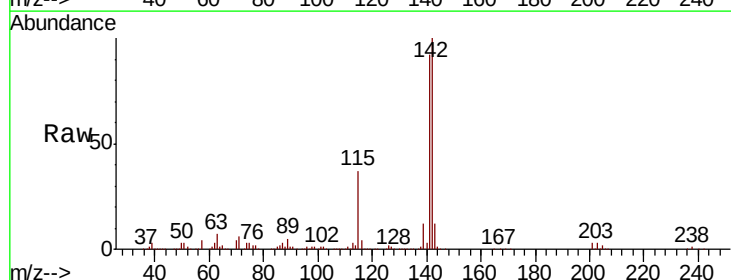
Instrument :
 BNA_F
 ClientSampleId :

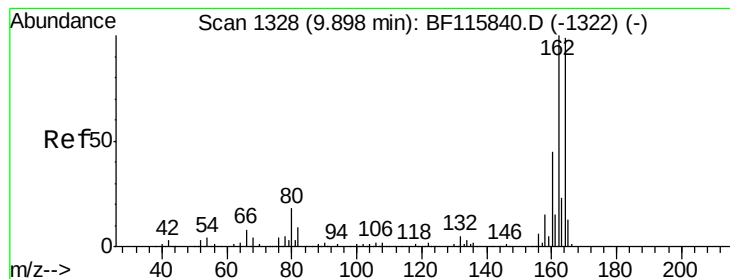
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3
115	34.0	29.0	43.6



#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	Ratio	Lower	Upper
142	100		
141	91.7	74.4	111.6
116	4.1	3.1	4.7





#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

ClientSampled :

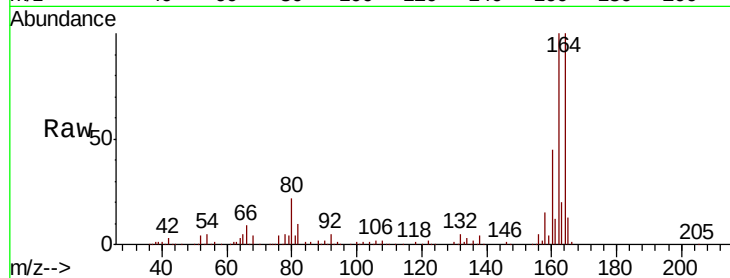
Tot Ion:164 Resp: 187568

Ion Ratio Lower Upper

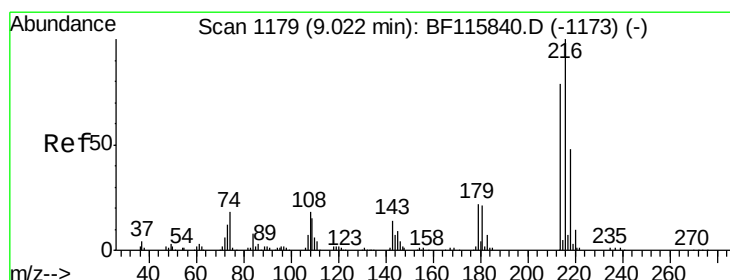
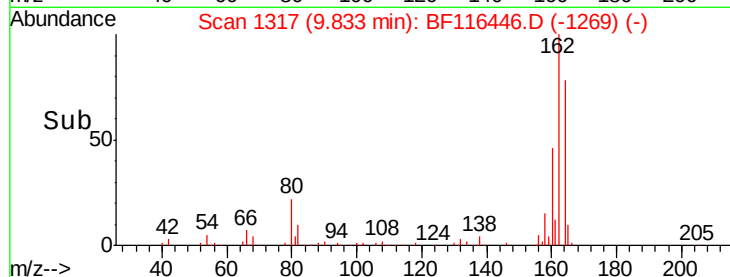
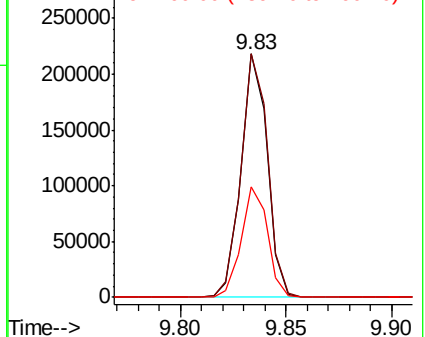
164 100

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

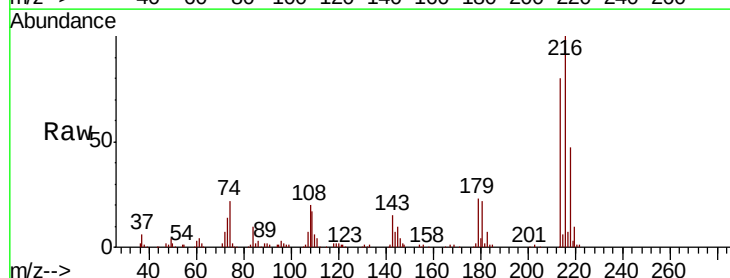
Ion Ratio Lower Upper

216 100

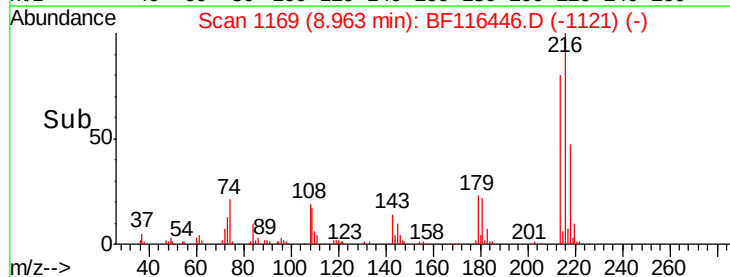
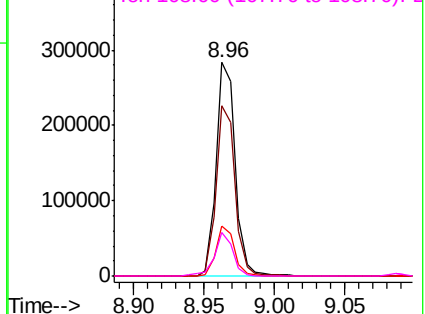
214 79.4 63.6 95.4

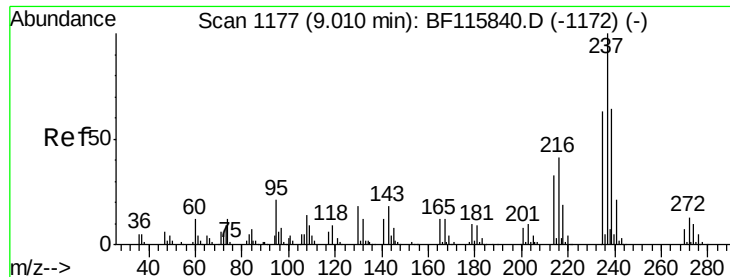
179 22.2 17.8 26.8

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 :

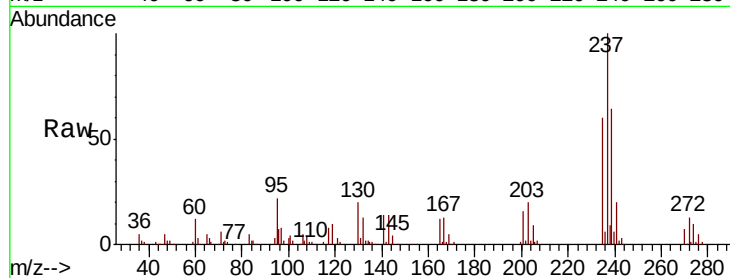
Tot Ion:237 Resp: 76241

Ion Ratio Lower Upper

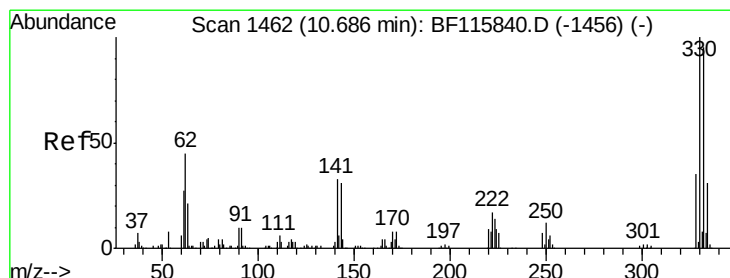
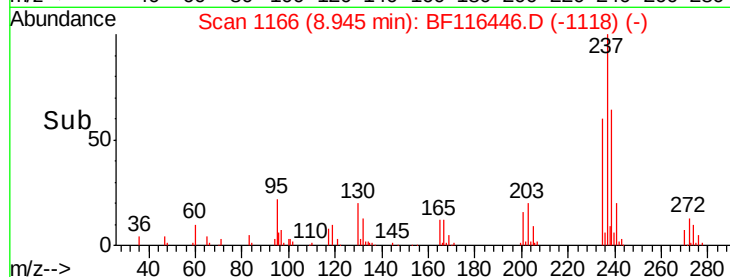
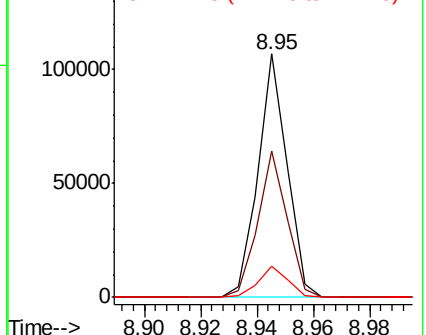
237 100

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

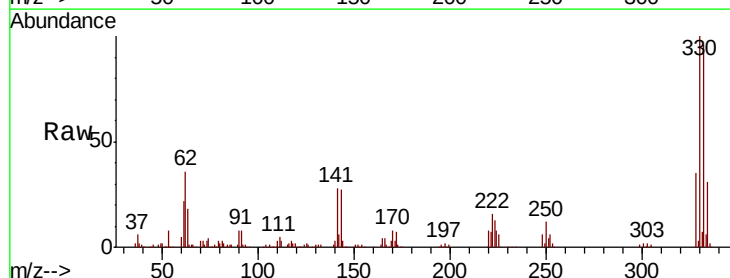
Tgt Ion:330 Resp: 297089

Ion Ratio Lower Upper

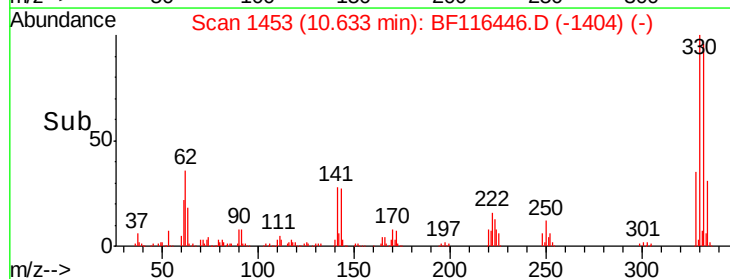
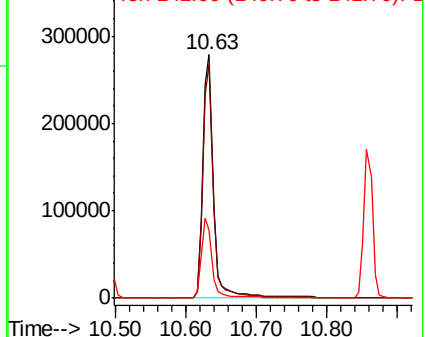
330 100

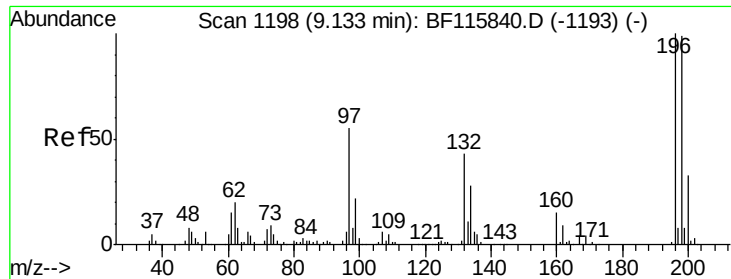
332 95.5 76.8 115.2

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

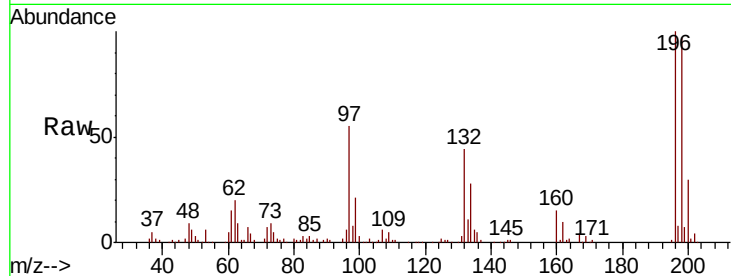




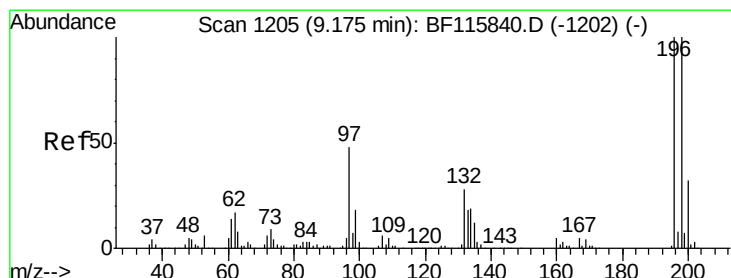
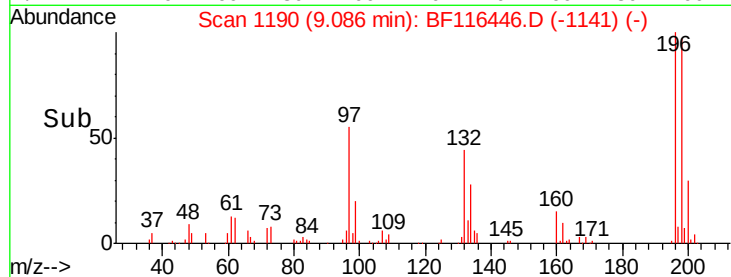
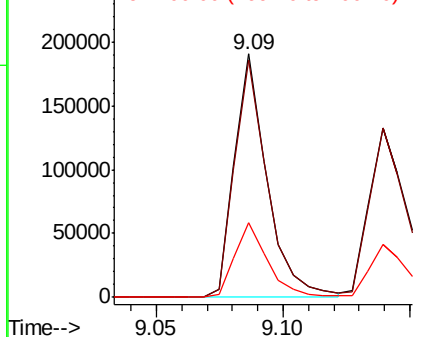
#43
 2,4,6-Trichlorophenol
 Concen: 49.277 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampled :

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



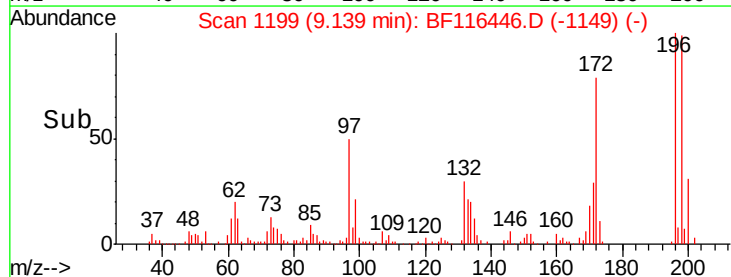
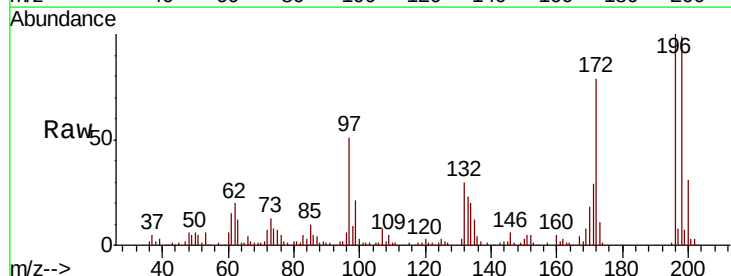
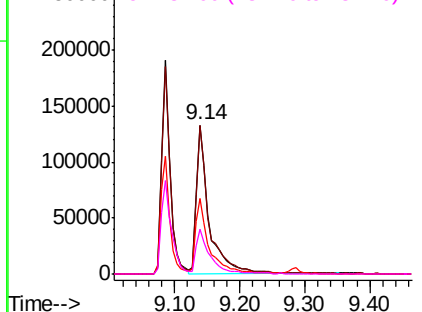
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

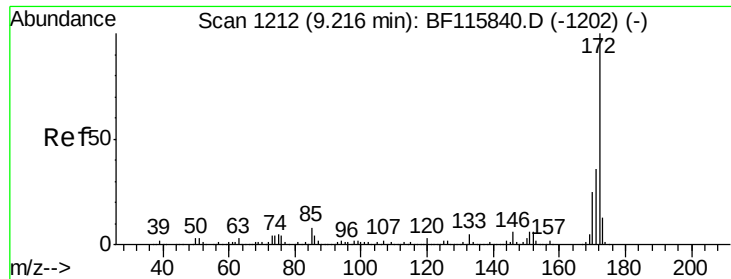


#44
 2,4,5-Trichlorophenol
 Concen: 50.761 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

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

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

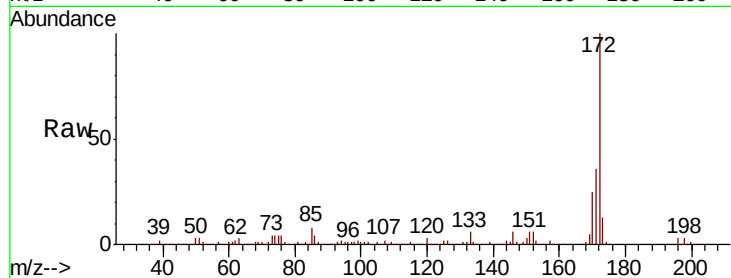




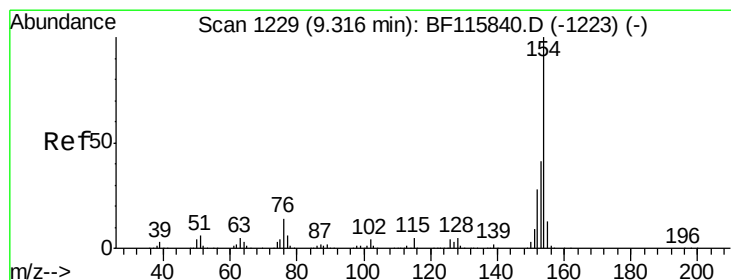
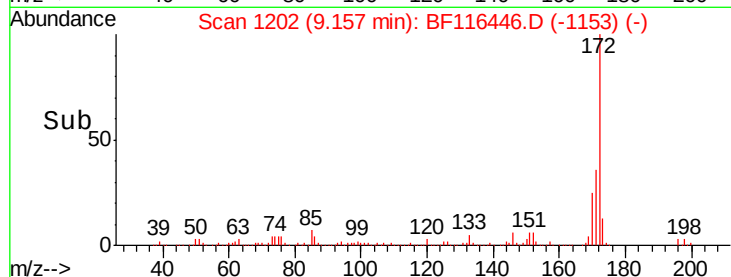
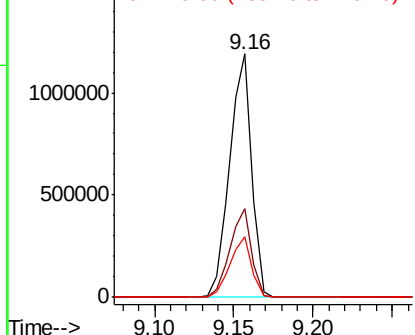
#45
2-Fluorobiphenyl
Concen: 114.183 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Instrument :
BNA_F
ClientSampleId :

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

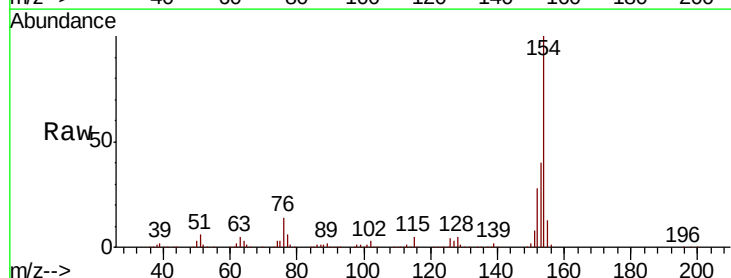


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

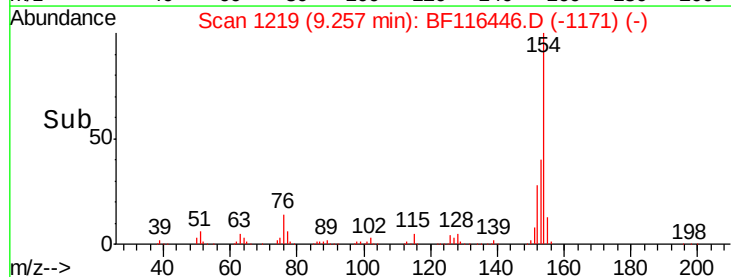
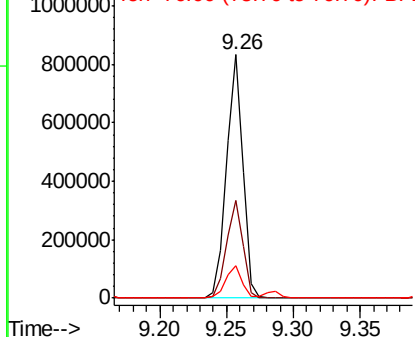


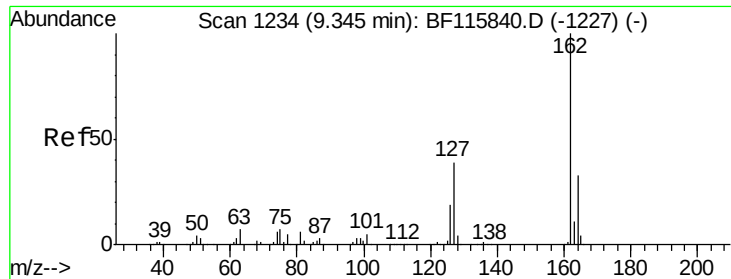
#46
1,1'-Biphenyl
Concen: 54.915 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

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

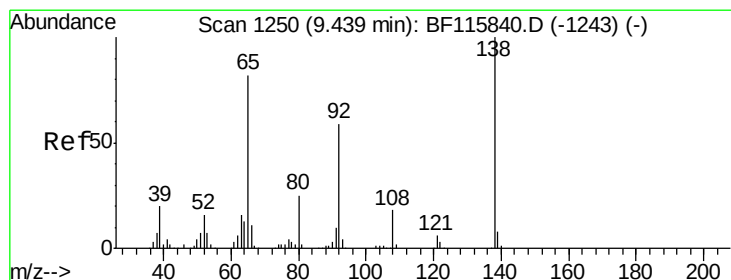
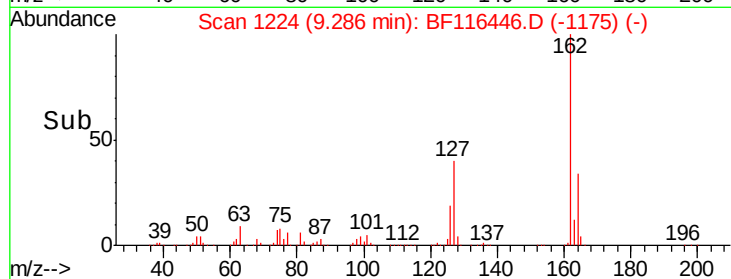
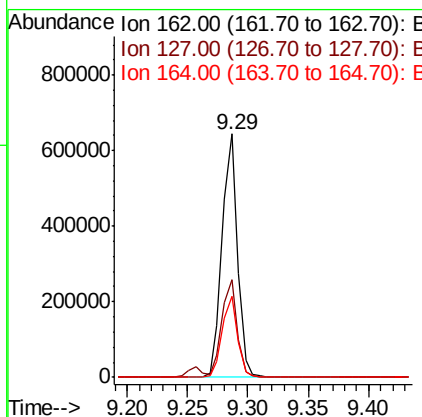
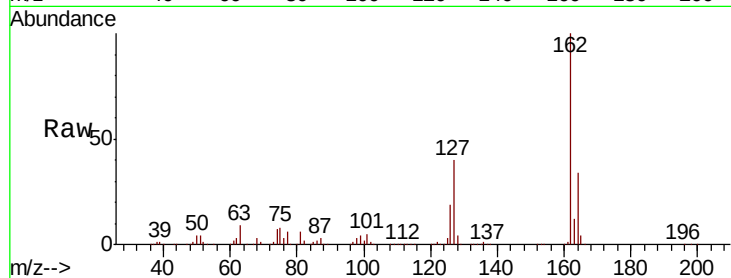




#47
 2-Chloronaphthalene
 Concen: 51.544 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

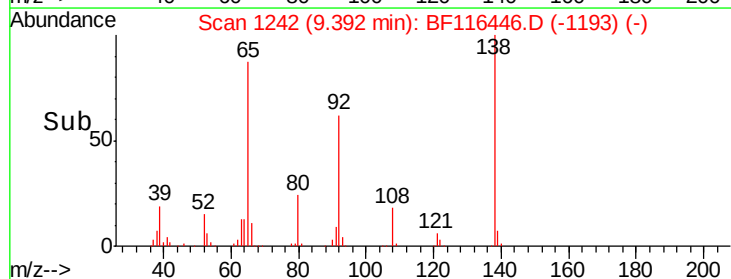
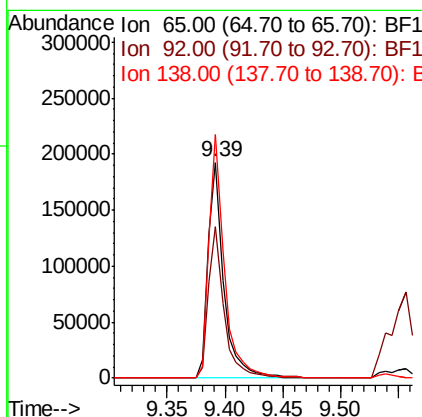
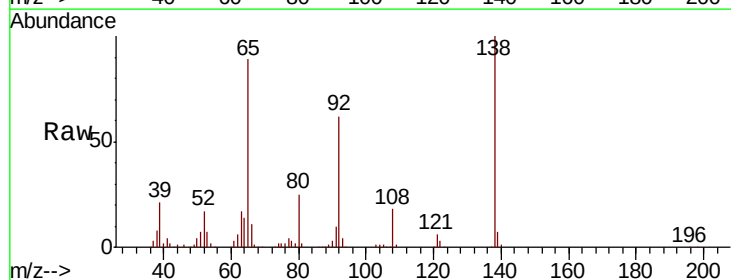
Instrument :
 BNA_F
 ClientSampleId :

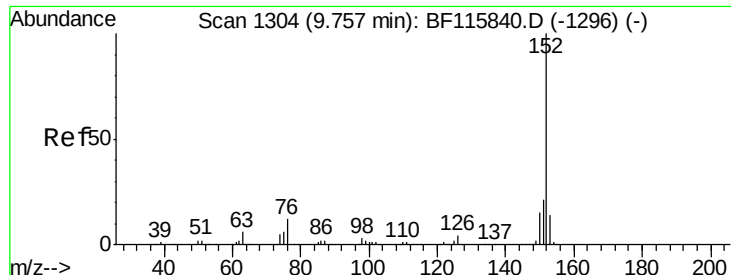
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.8	49.2
164	33.5	26.6	39.8



#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	Ratio	Lower	Upper
65	100		
92	70.3	57.8	86.8
138	112.8	94.0	141.0





#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 :

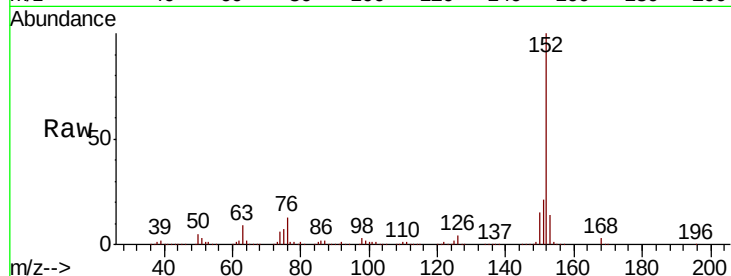
Tot Ion:152 Resp: 864656

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

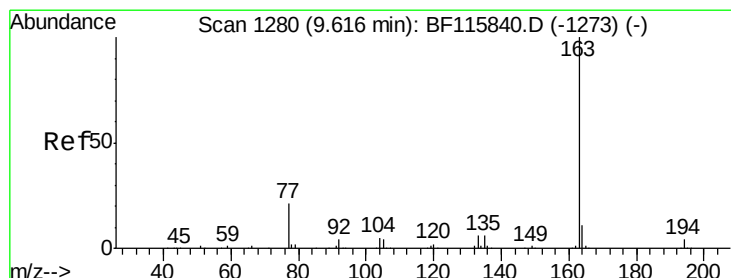
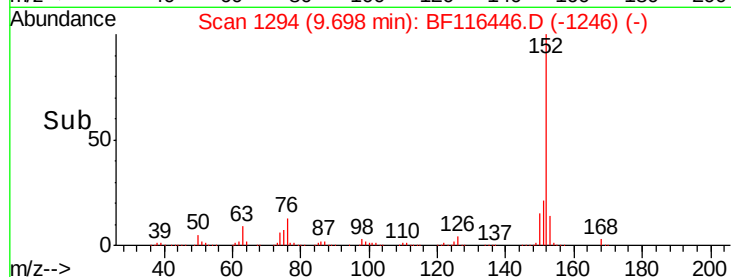
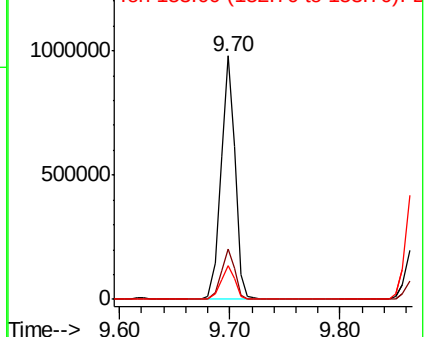
153 14.1 11.8 17.8



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

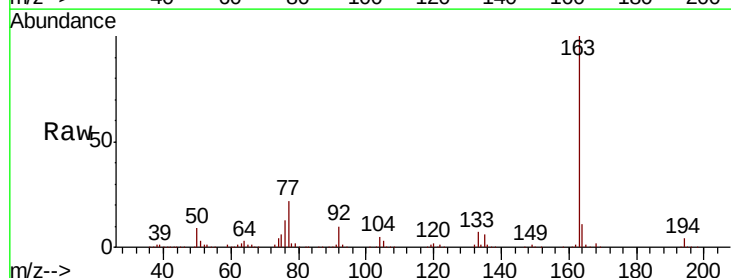
Tgt Ion:163 Resp: 706725

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

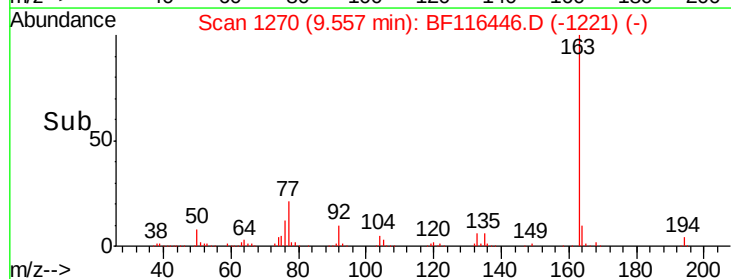
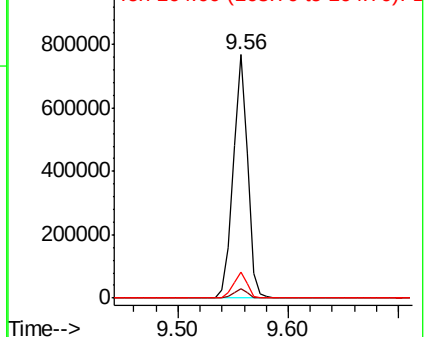
164 10.6 8.4 12.6

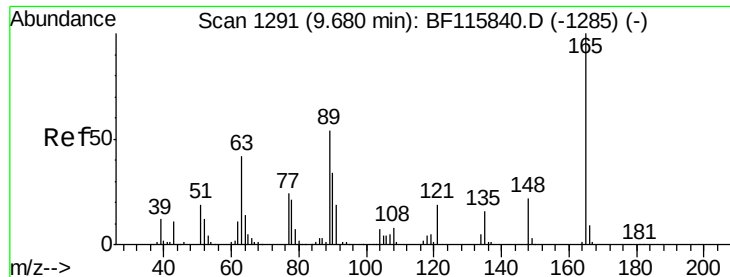


Abundance Ion 163.00 (162.70 to 163.70): E

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

ClientSampled :

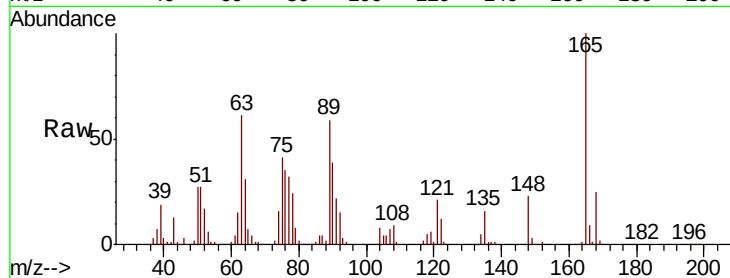
Tot Ion:165 Resp: 151057

Ion Ratio Lower Upper

165 100

63 61.5 38.2 57.2#

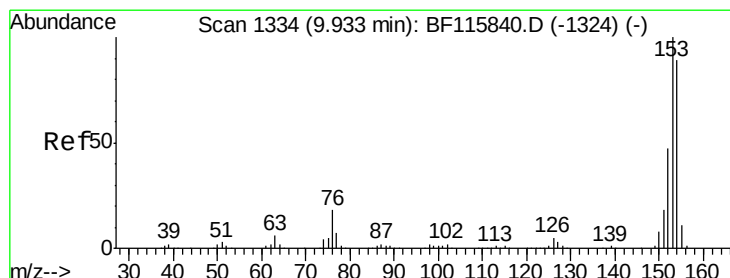
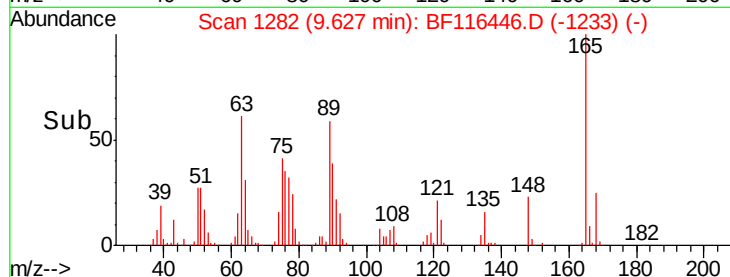
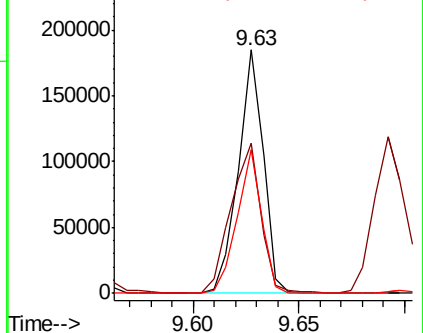
89 59.2 42.9 64.3



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

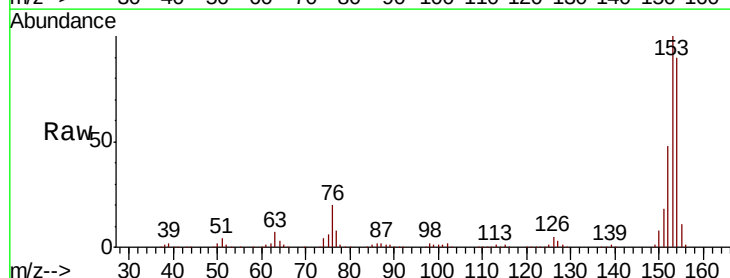
Tgt Ion:154 Resp: 527164

Ion Ratio Lower Upper

154 100

153 110.8 89.4 134.0

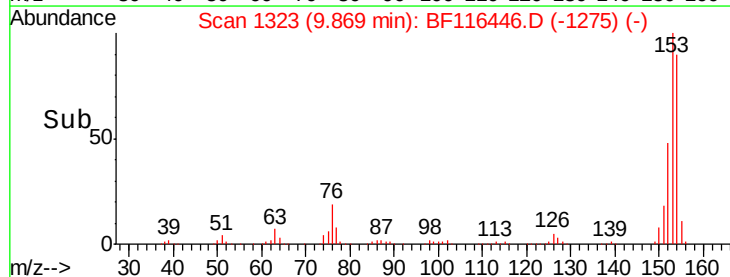
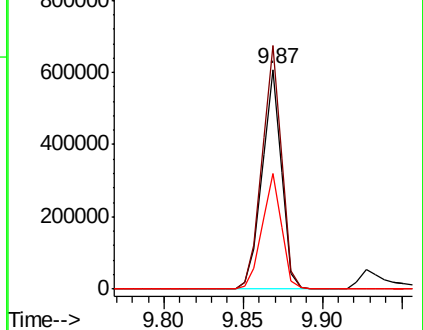
152 52.7 42.3 63.5

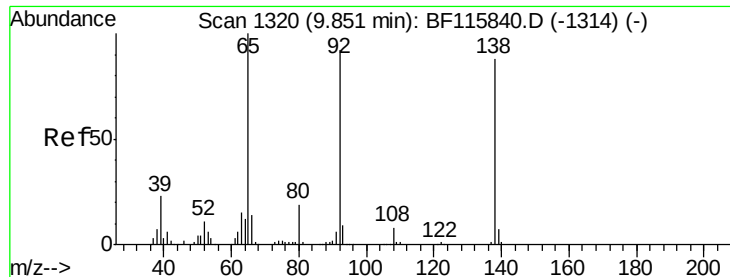


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

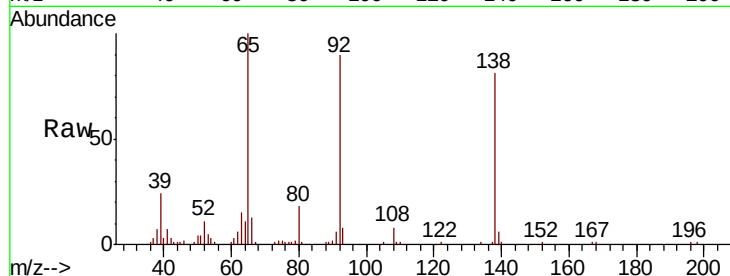




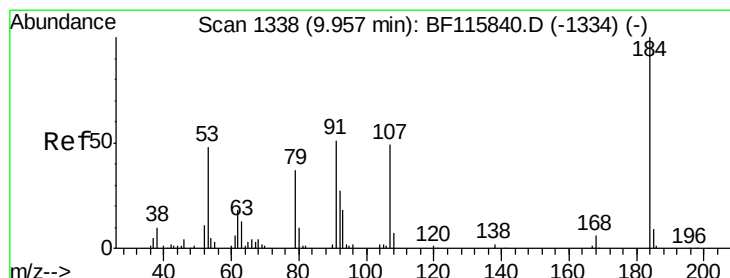
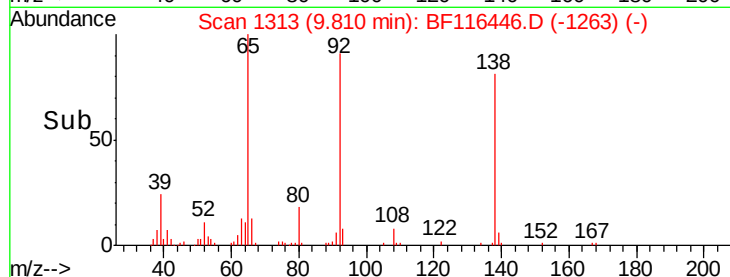
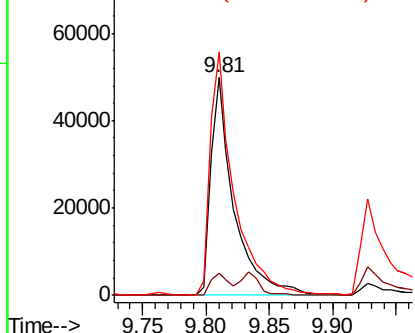
#53
 3-Nitroaniline
 Concen: 18.652 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :

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

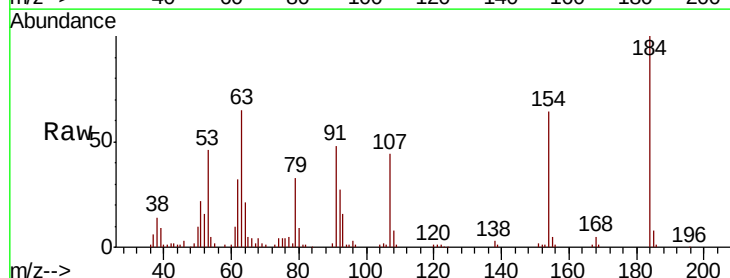


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

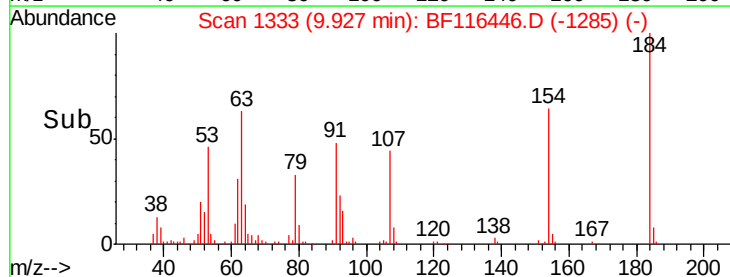
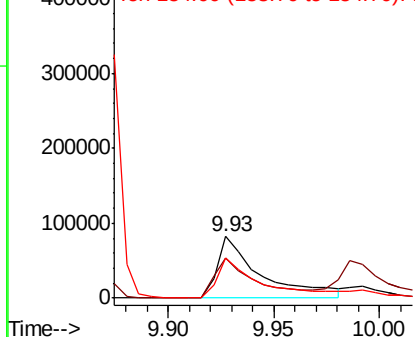


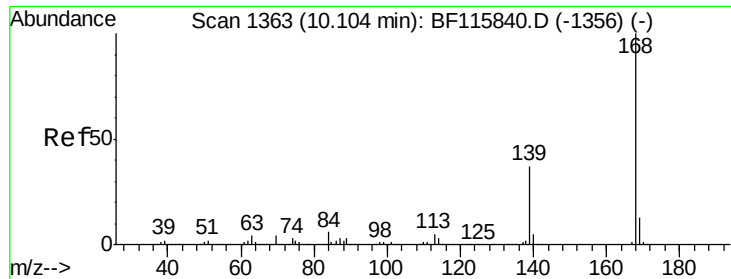
#54
 2,4-Dinitrophenol
 Concen: 82.774 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

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

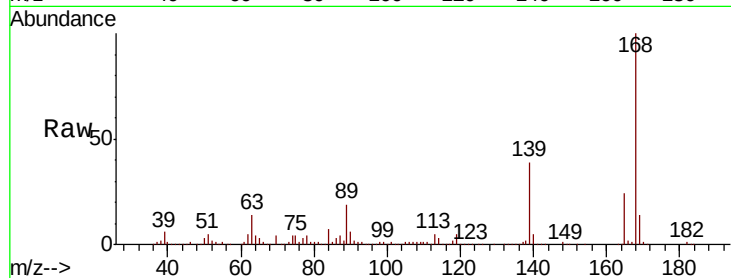




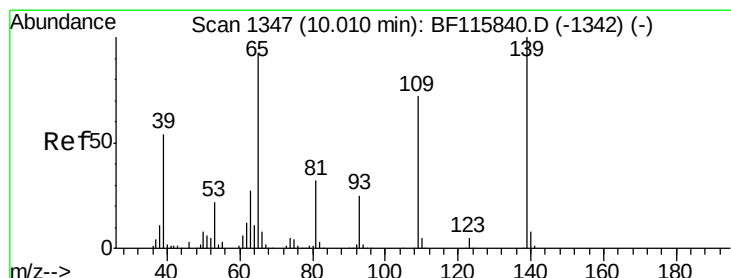
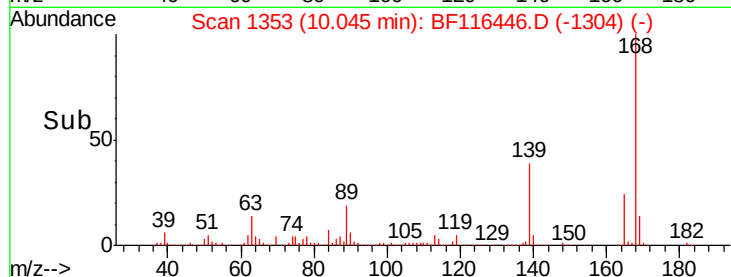
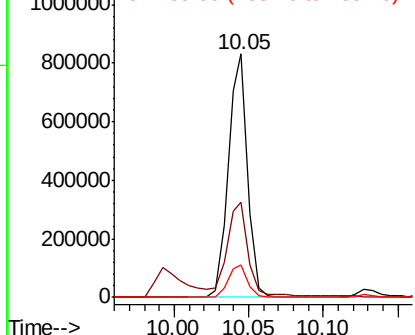
#55
Dibenzenofuran
Concen: 52.699 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Instrument :
BNA_F
ClientSampled :

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

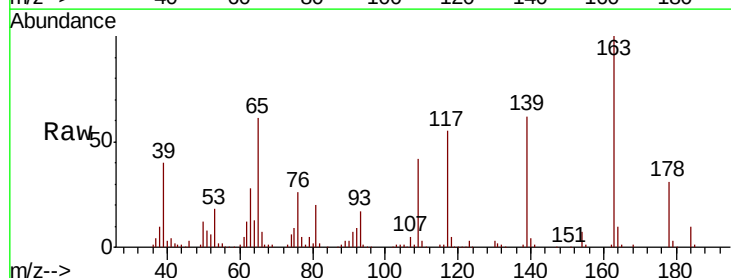


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

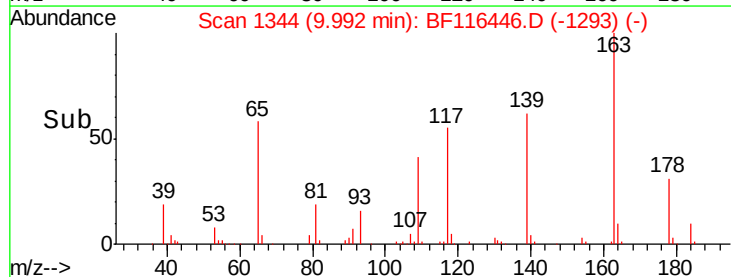
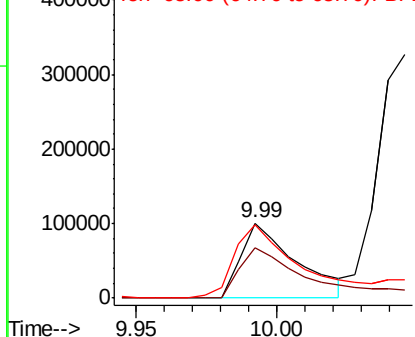


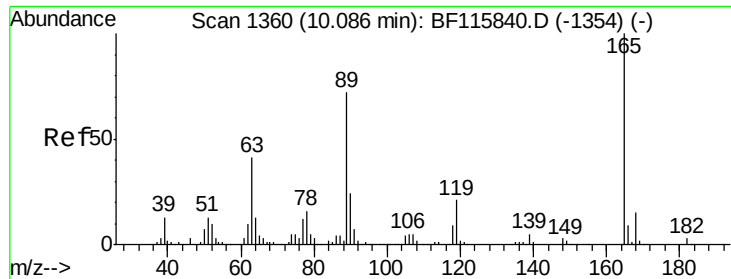
#56
4-Nitrophenol
Concen: 62.138 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

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

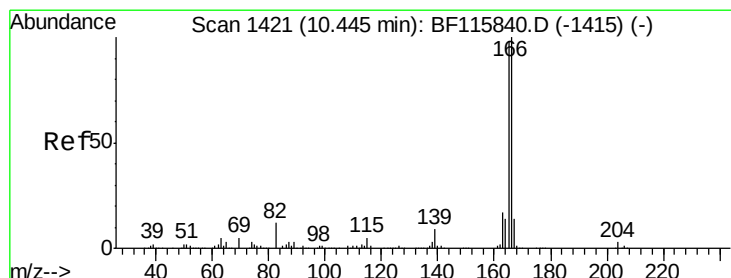
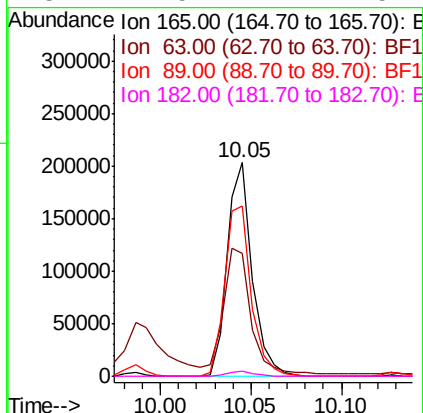
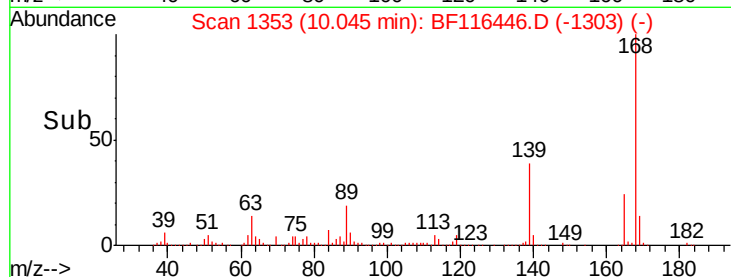
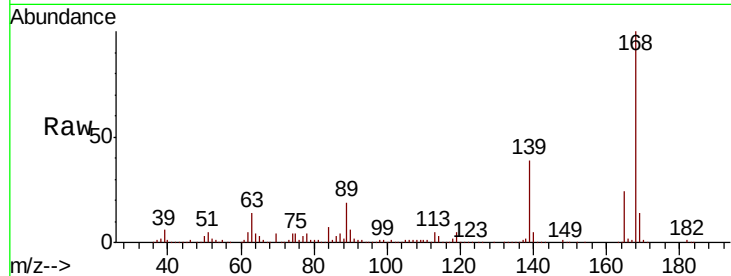




#57
 2,4-Dinitrotoluene
 Concen: 52.631 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

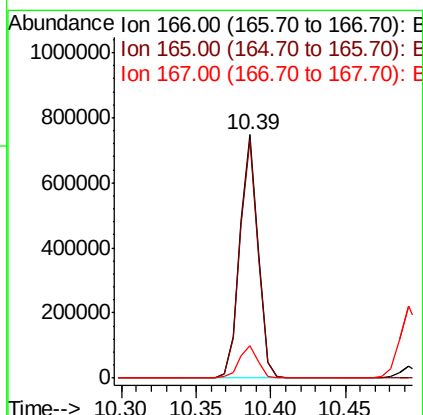
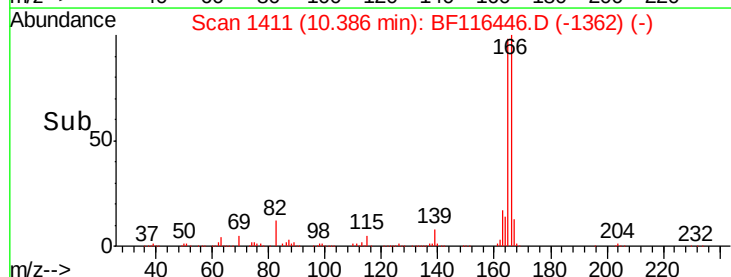
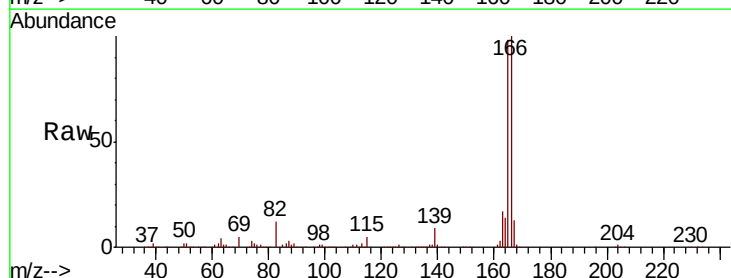
Instrument :
 BNA_F
 ClientSampleId :

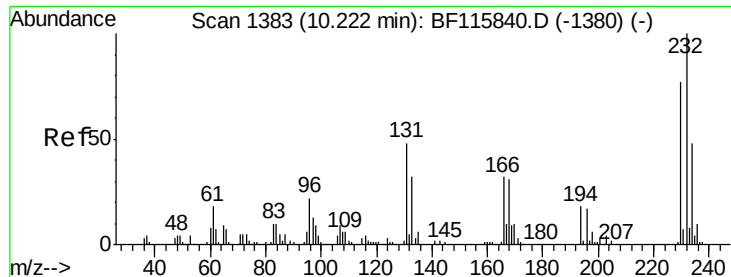
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.3	39.6	59.4
89	79.7	62.2	93.2
182	2.5	2.1	3.1



#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 :

Tot Ion:232 Resp: 170222

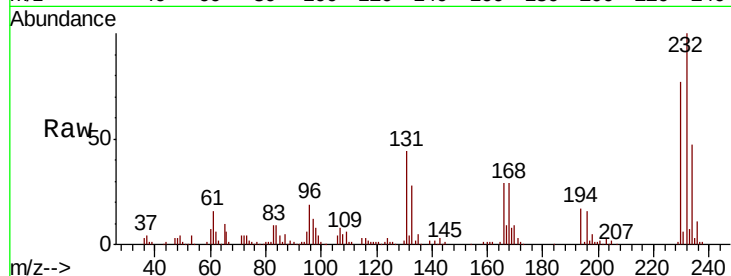
Ion Ratio Lower Upper

232 100

131 40.8 36.2 54.2

130 2.2 1.9 2.9

166 26.2 23.0 34.4

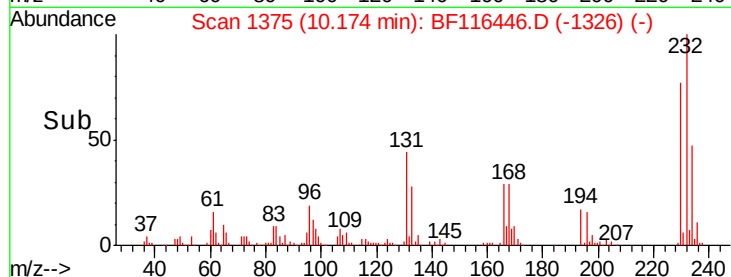


Abundance Ion 232.00 (231.70 to 232.70): E

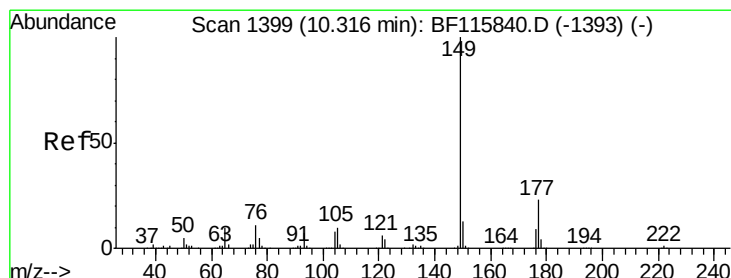
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#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

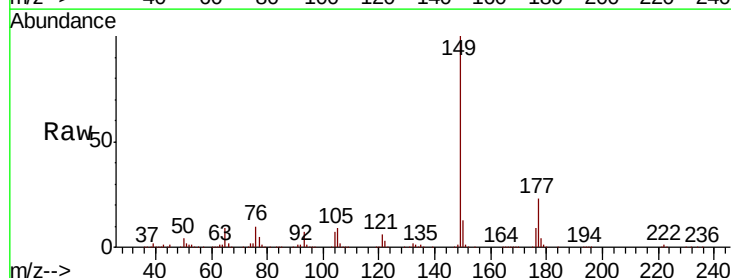
Tgt Ion:149 Resp: 674885

Ion Ratio Lower Upper

149 100

177 23.5 18.8 28.2

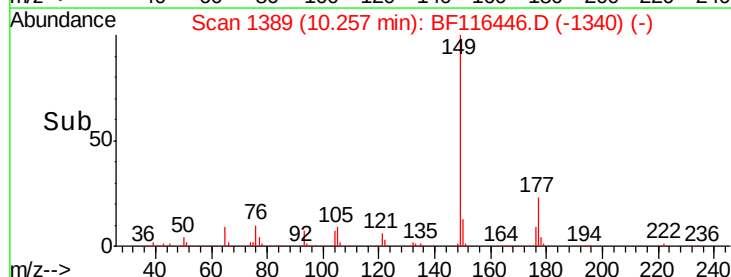
150 12.5 10.2 15.4



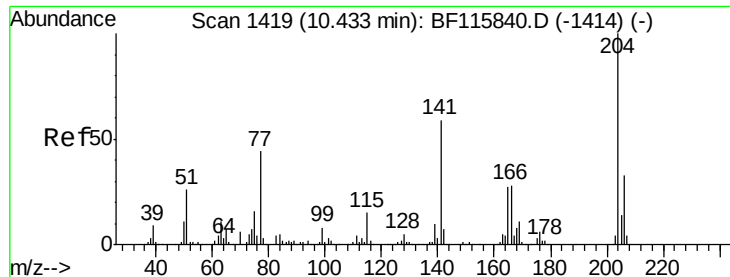
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



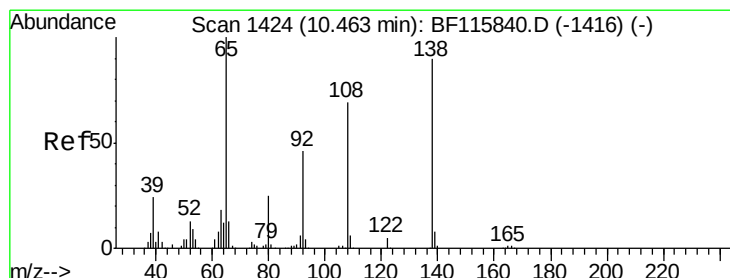
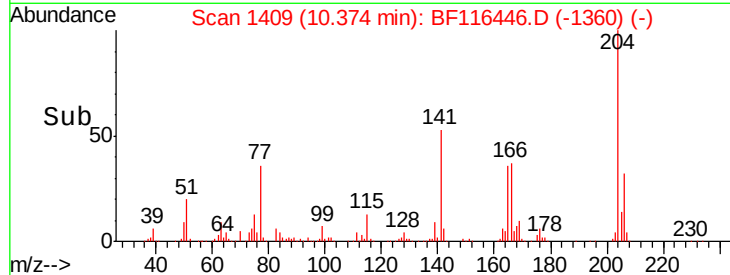
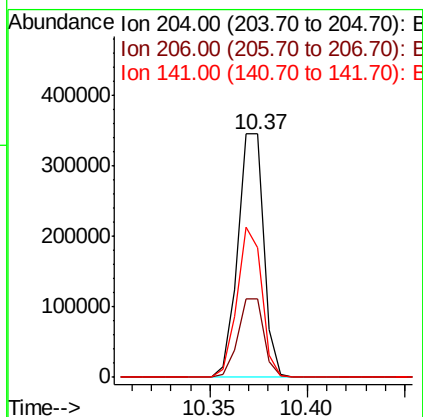
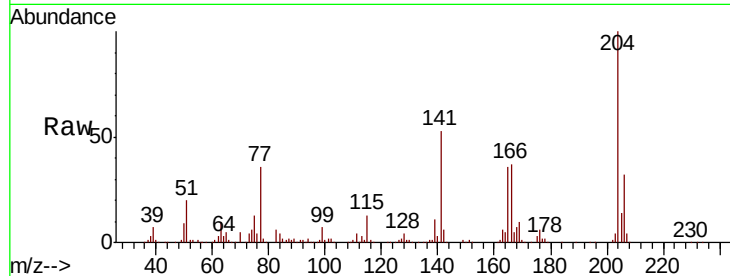
Time-->



#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

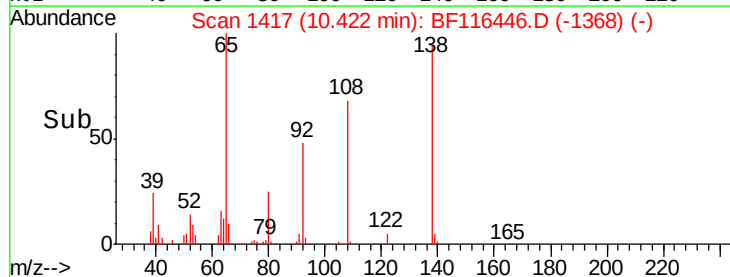
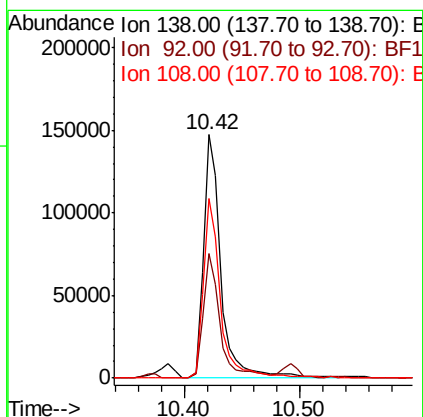
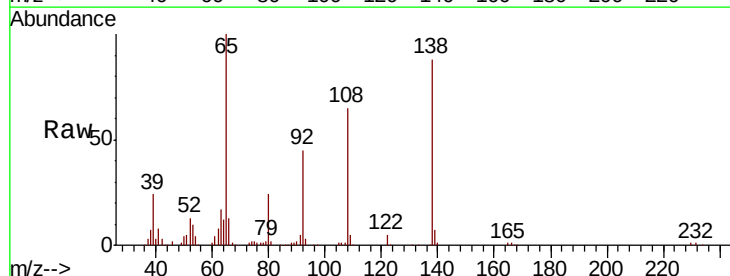
Instrument :
 BNA_F
 ClientSampled :

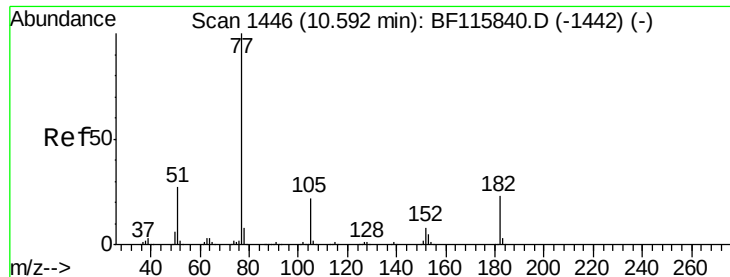
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.4	39.6
141	53.2	46.4	69.6



#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	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 :

Tot Ion: 77 Resp: 682129

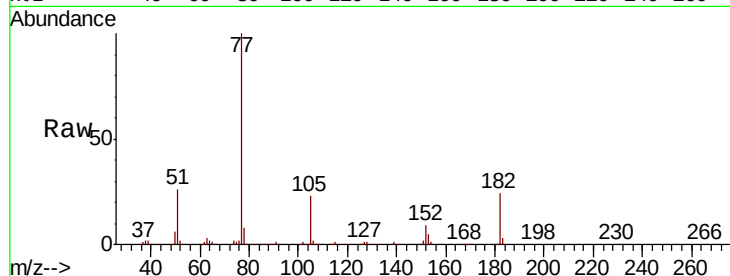
Ion Ratio Lower Upper

77 100

182 24.5 4.0 44.0

105 22.5 2.0 42.0

51 26.2 7.5 47.5

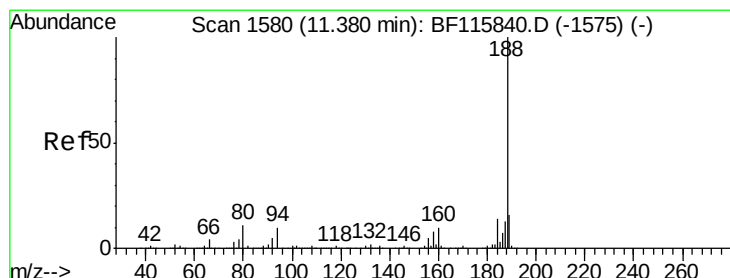
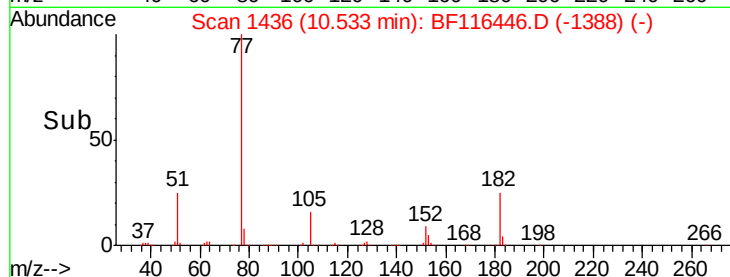
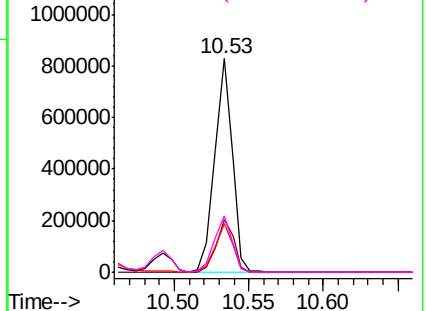


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

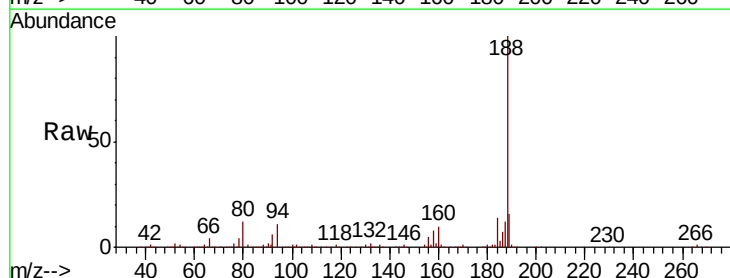
Tgt Ion: 188 Resp: 343279

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

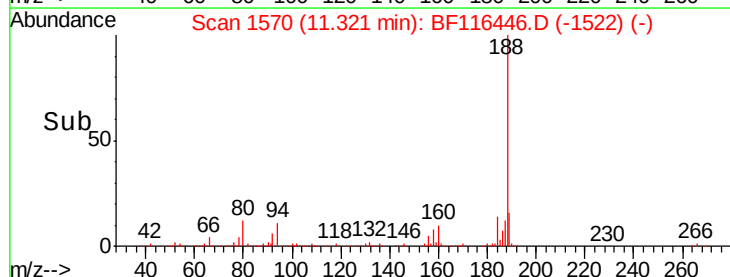
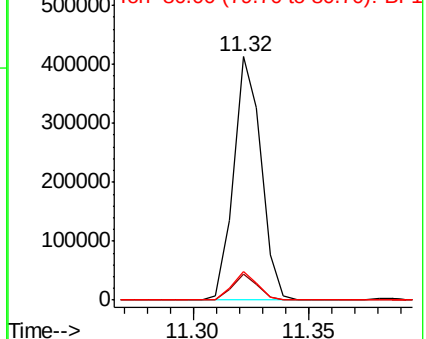
80 11.5 8.7 13.1

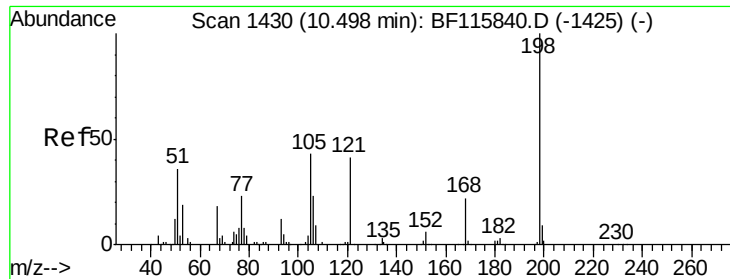


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

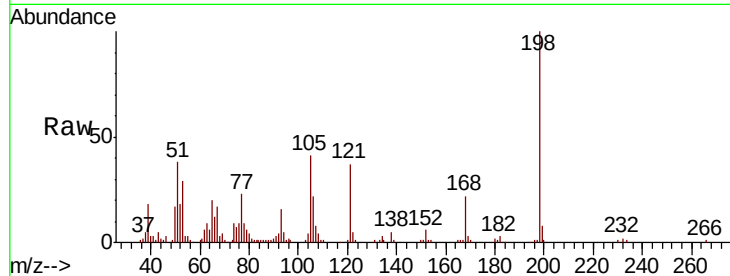




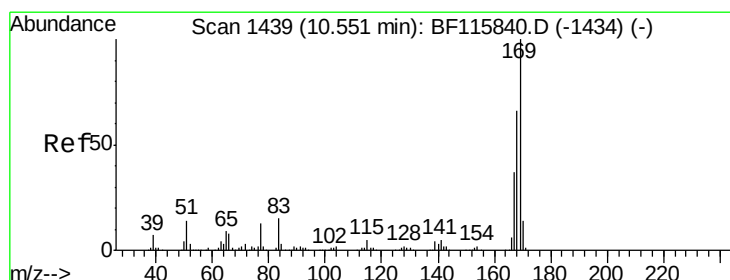
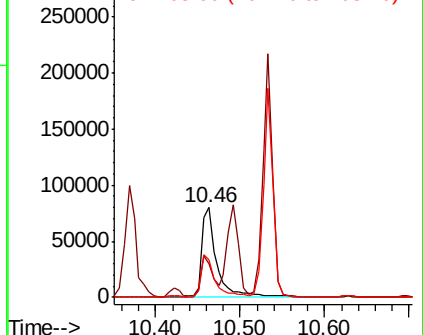
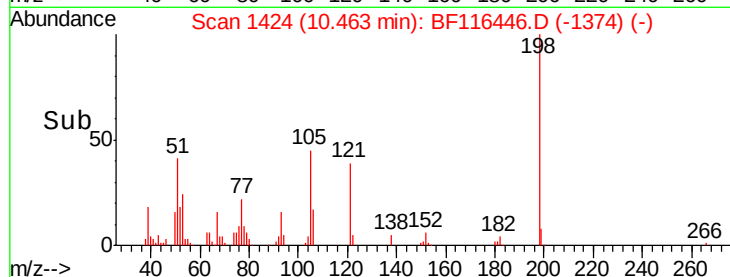
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.101 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.2	17.0	57.0
105	41.3	21.6	61.6

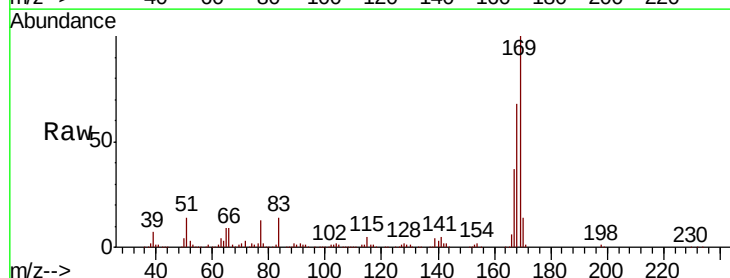


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

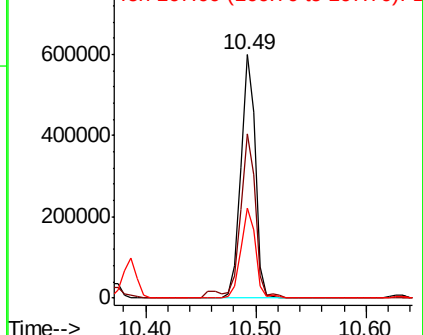
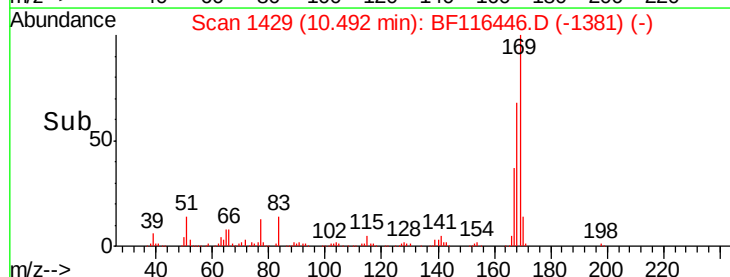


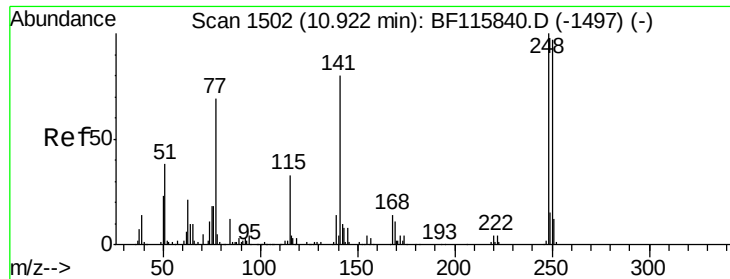
#66
 n-Nitrosodiphenylamine
 Concen: 53.557 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Tgt Ion	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

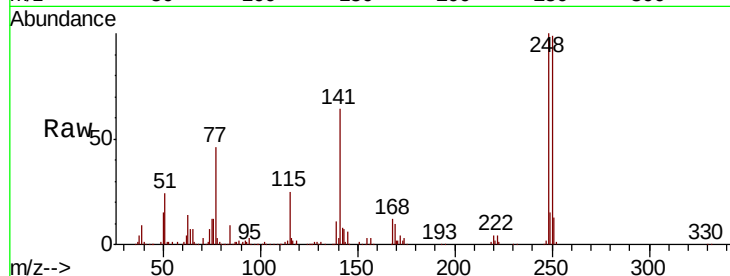




#67
 4-Bromophenyl-phenylether
 Concen: 52.799 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :

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

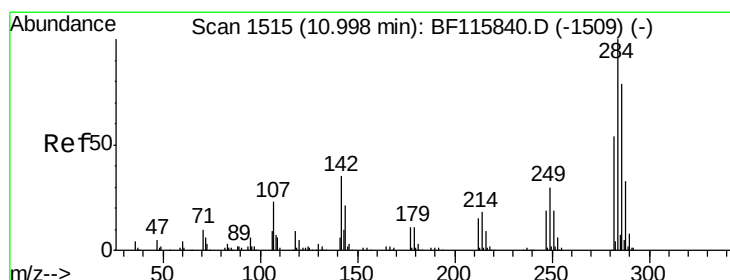
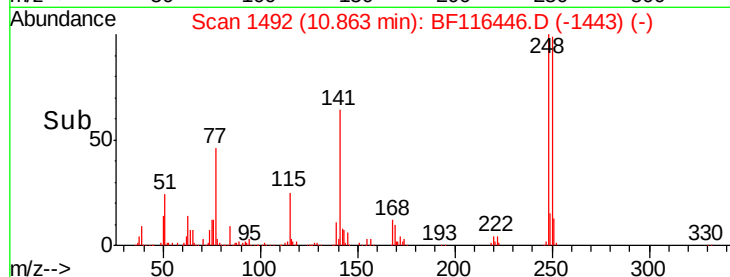
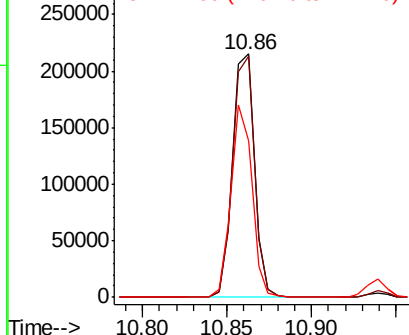


Abundance

Ion 248.00 (247.70 to 248.70): E

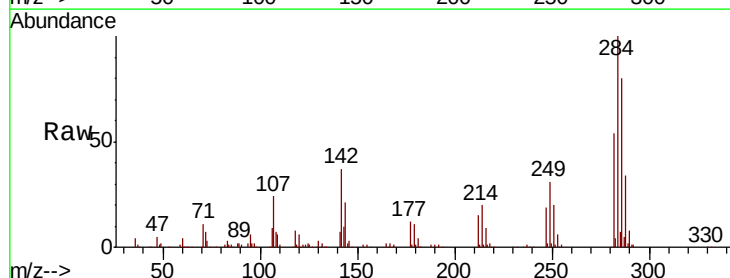
Ion 250.00 (249.70 to 250.70): E

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	Ratio	Lower	Upper
284	100		
142	36.6	28.4	42.6
249	31.5	24.5	36.7

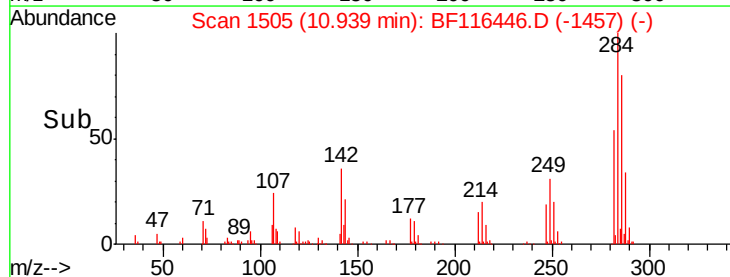
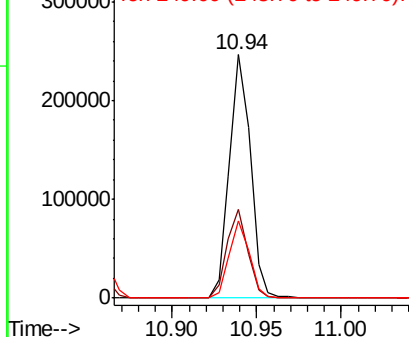


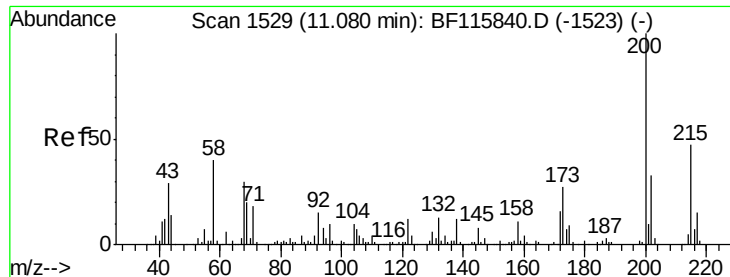
Abundance

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

ClientSampled :

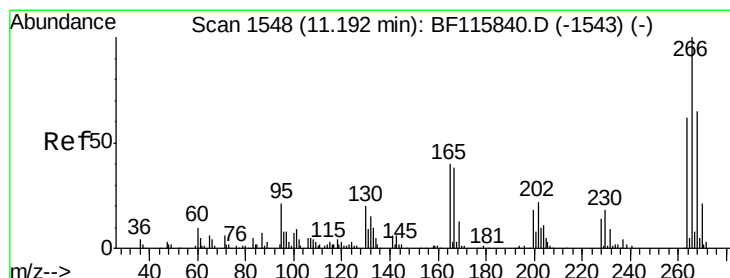
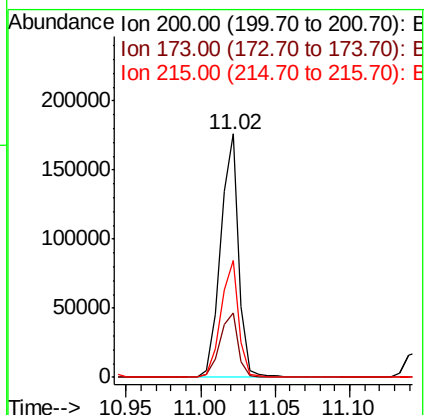
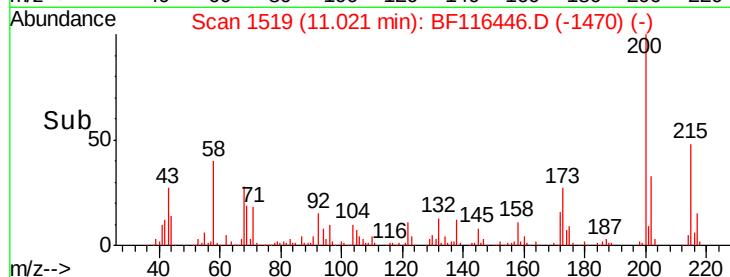
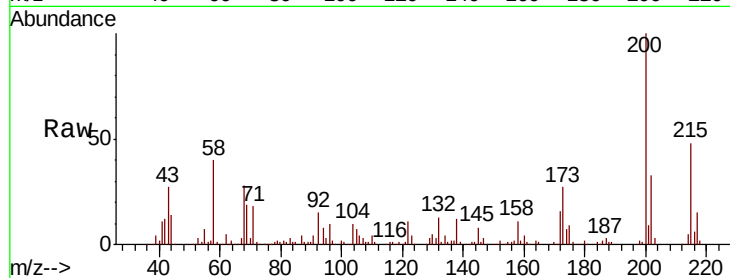
Tot Ion:200 Resp: 149642

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

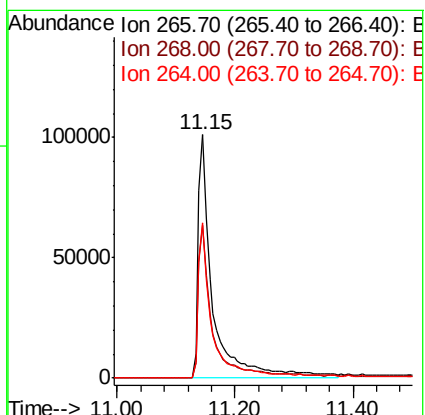
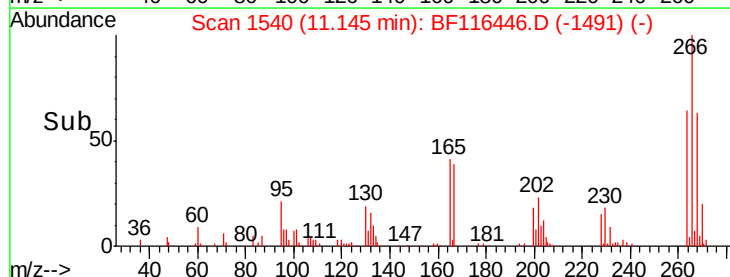
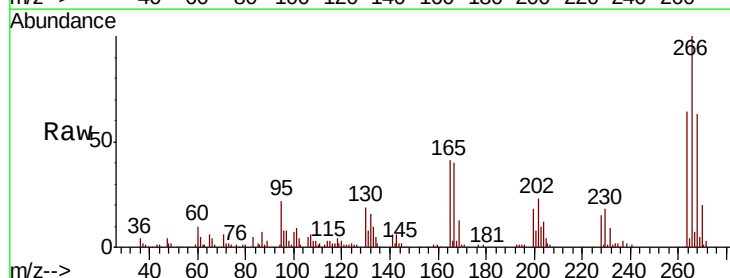
Tgt Ion:266 Resp: 173745

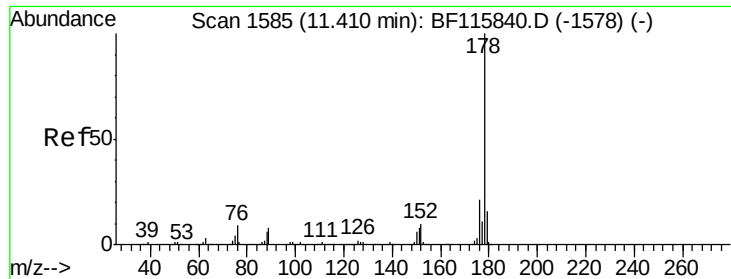
Ion Ratio Lower Upper

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

ClientSampled :

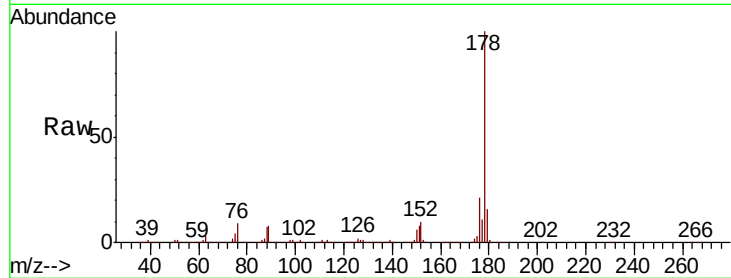
Tot Ion:178 Resp: 963673

Ion Ratio Lower Upper

178 100

176 20.6 16.6 24.8

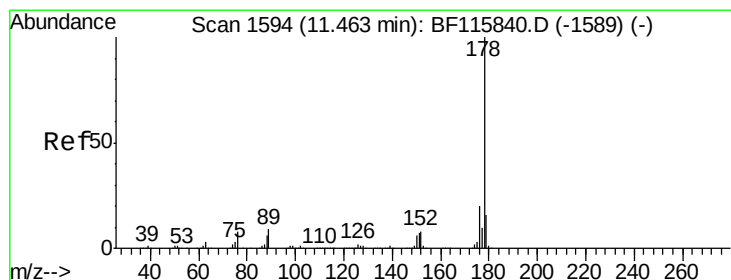
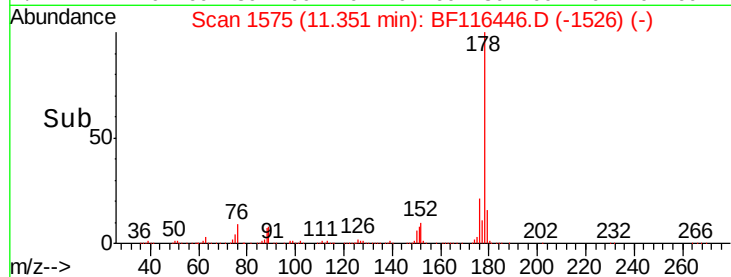
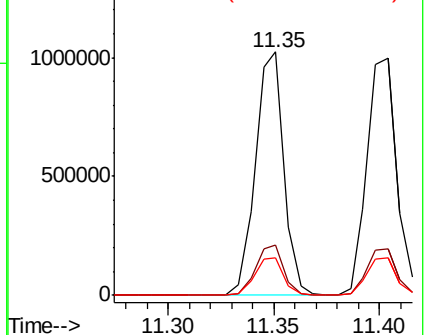
179 15.6 12.5 18.7



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

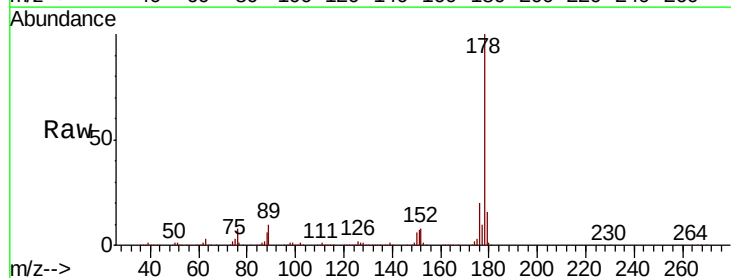
Tgt Ion:178 Resp: 1012013

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

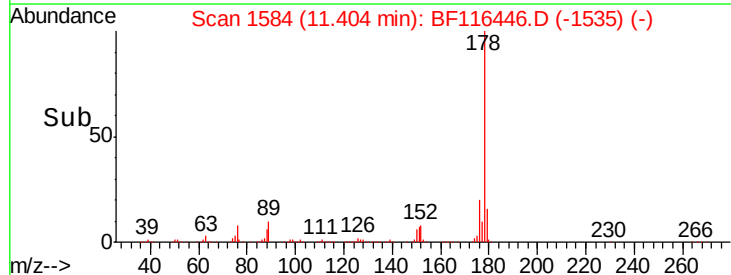
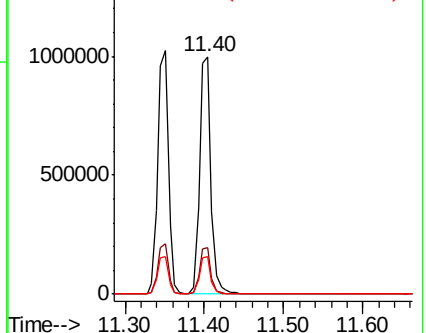
179 15.6 13.0 19.6

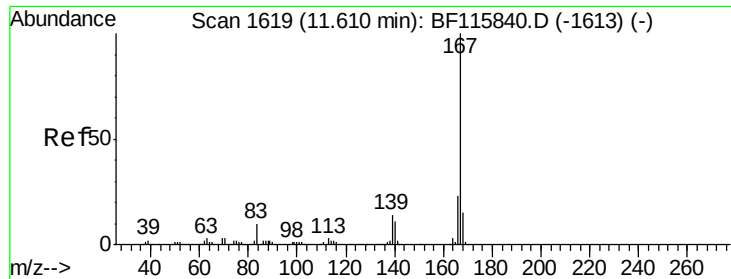


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

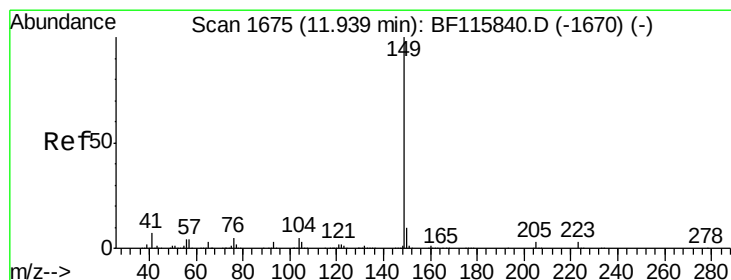
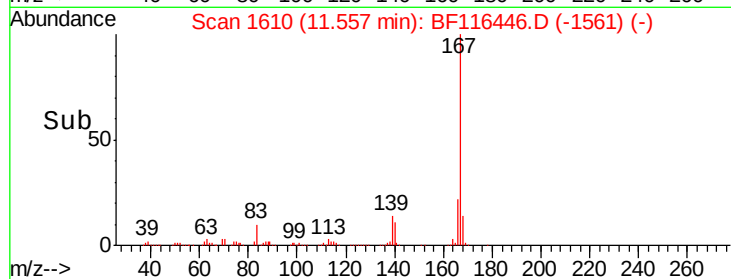
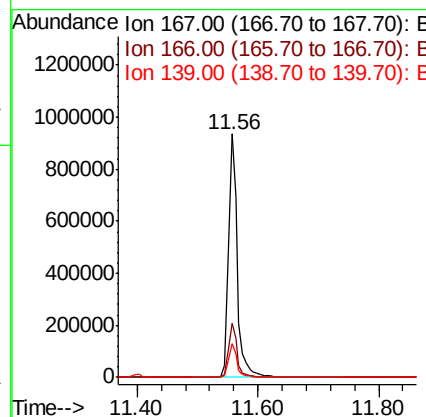
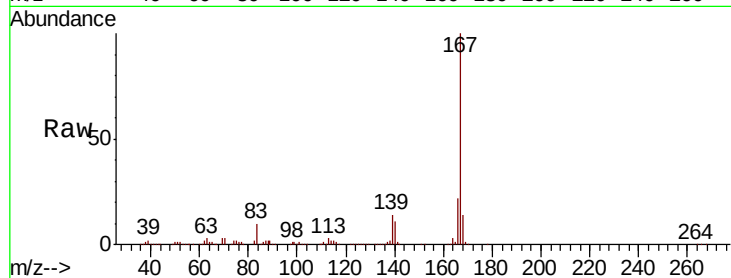




#73
 Carbazole
 Concen: 57.212 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

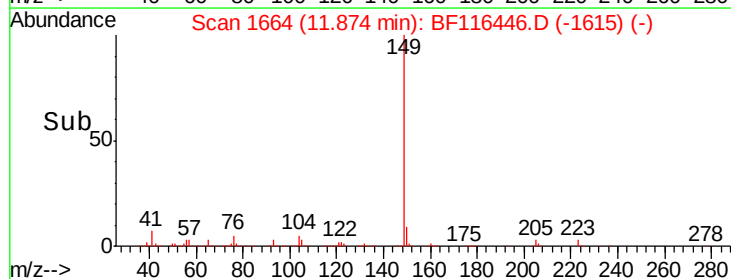
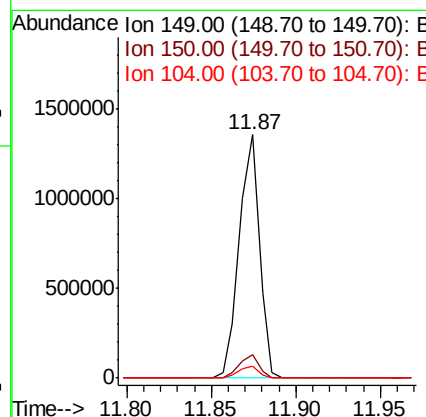
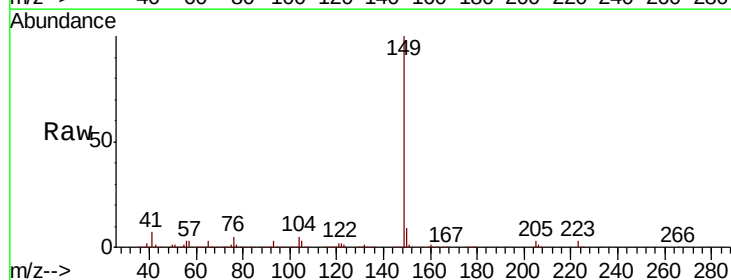
Instrument :
 BNA_F
 ClientSampleId :

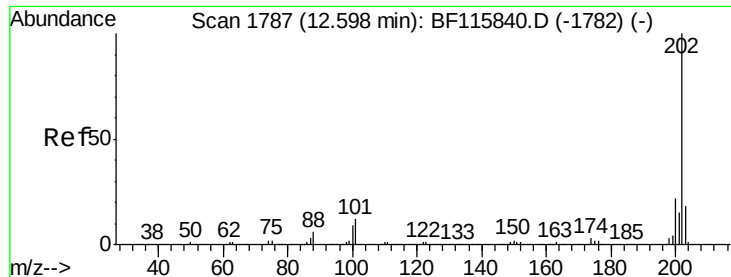
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	14.1	11.4	17.0



#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





#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

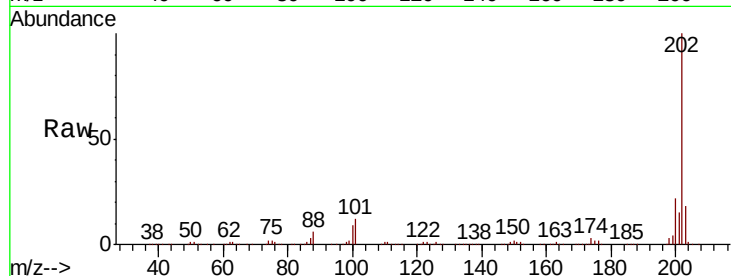
Instrument :

BNA_F

ClientSampleId :

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

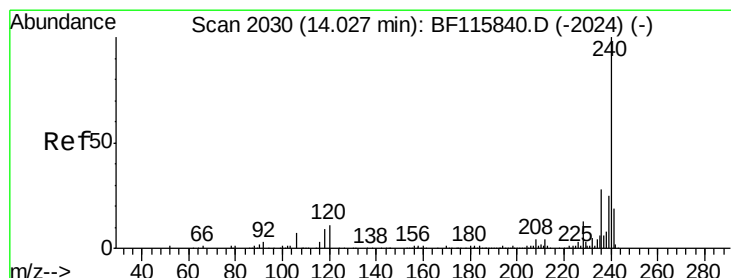
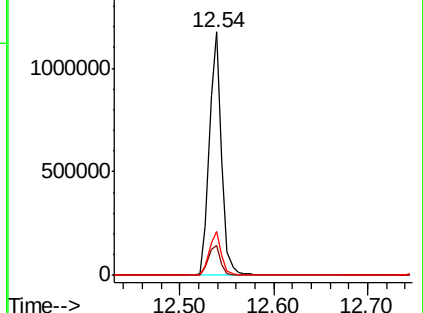
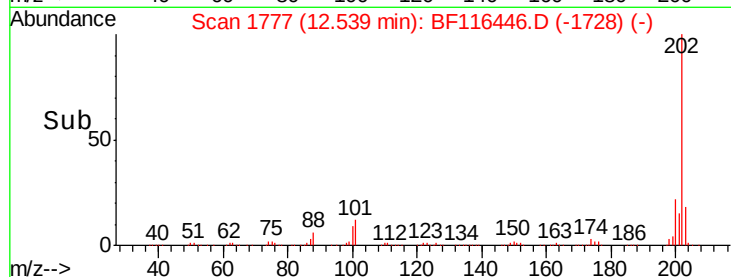


Abundance

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

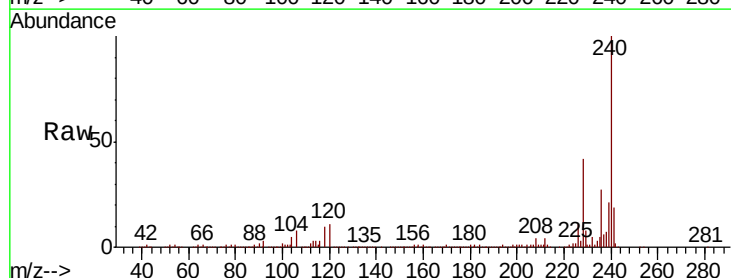
Delta R.T. -0.01 min

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

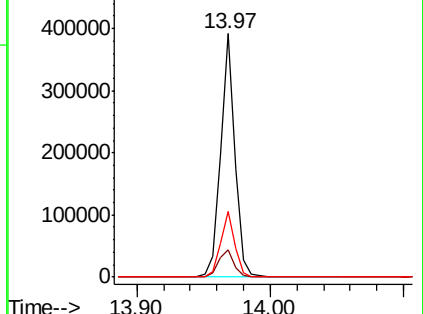
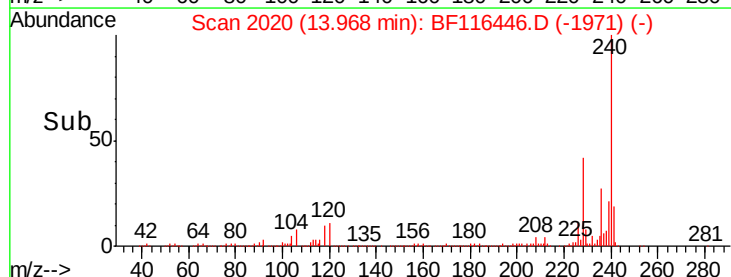


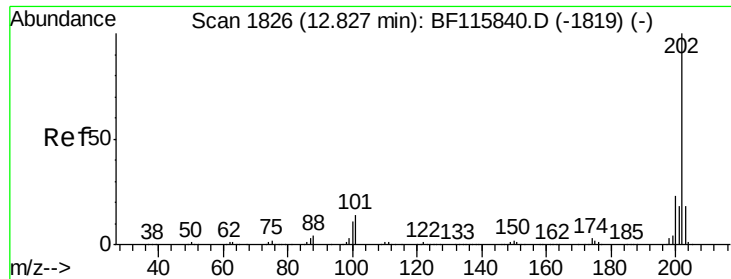
Abundance

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

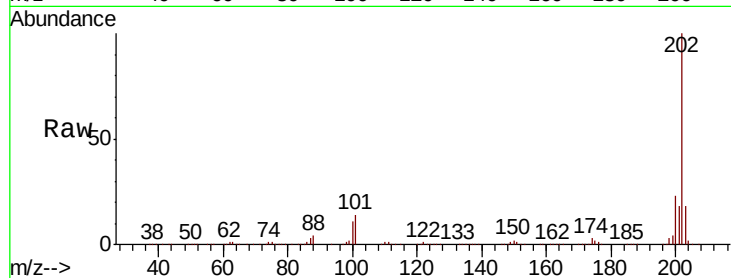




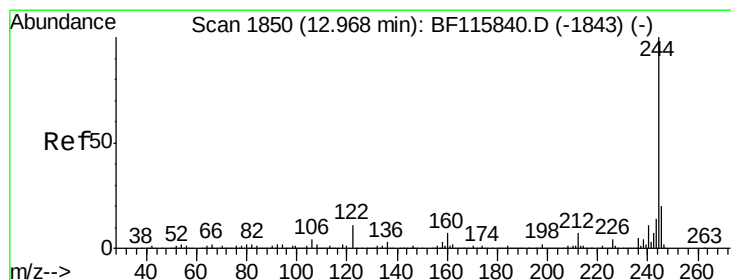
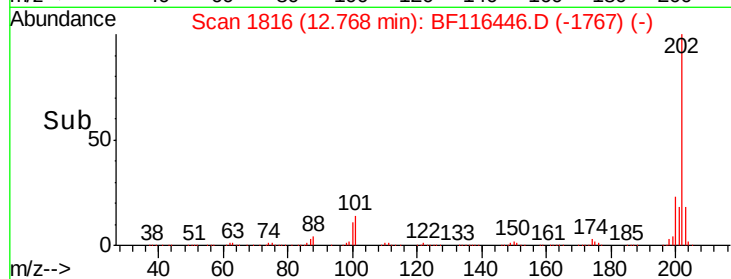
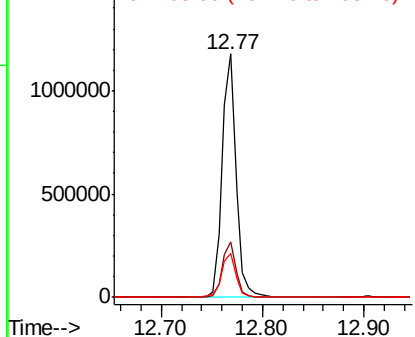
#78
Pvrene
Concen: 49.925 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

Instrument :
BNA_F
ClientSampleId :

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

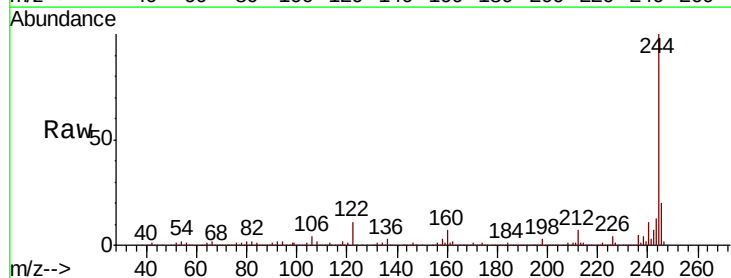


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

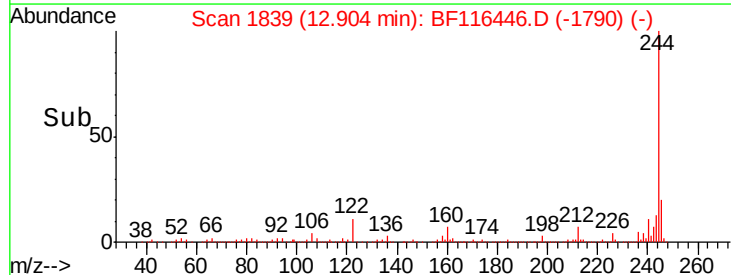
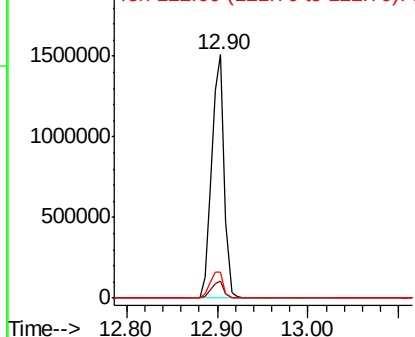


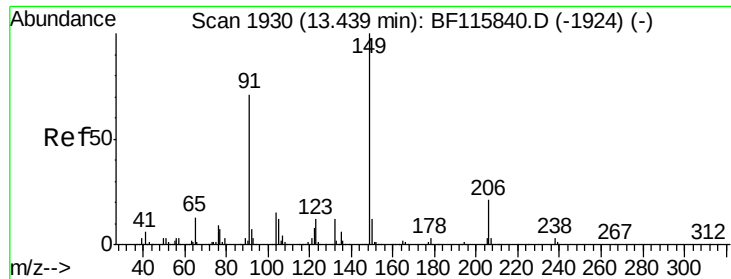
#79
Terphenyl-d14
Concen: 104.319 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

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

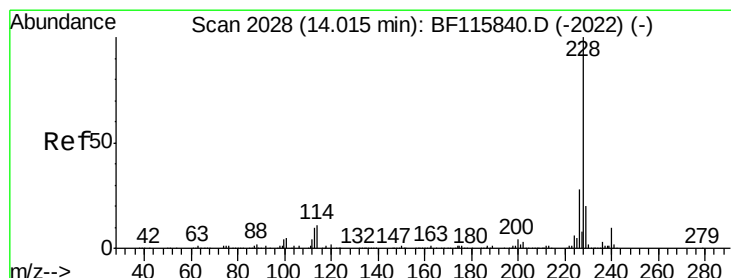
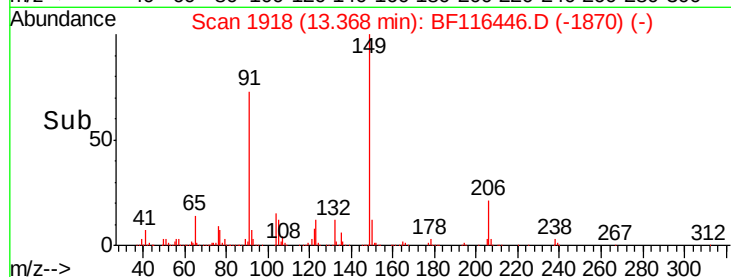
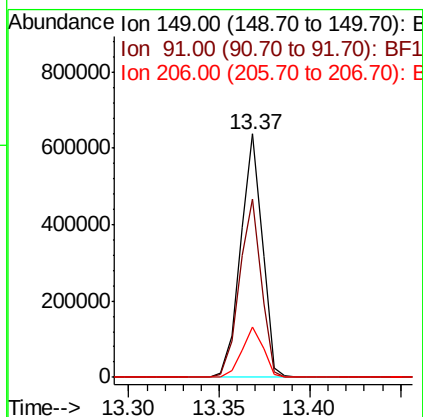
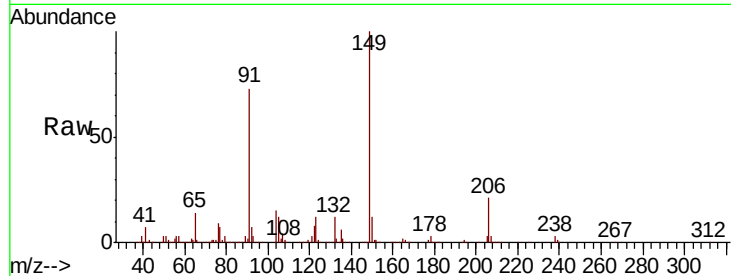




#80
Butylbenzylphthalate
Concen: 55.965 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BF116446.D
Acq: 20 Aug 2019 22:40

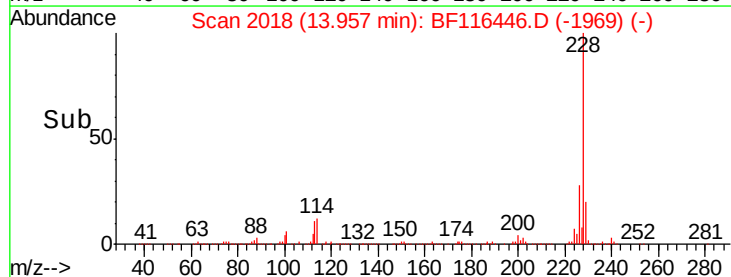
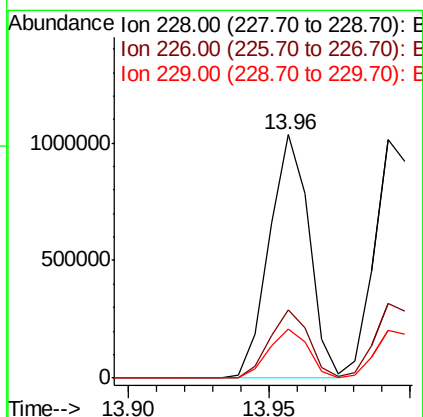
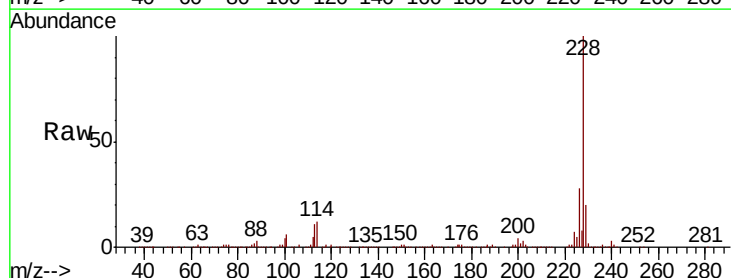
Instrument :
BNA_F
ClientSampleId :

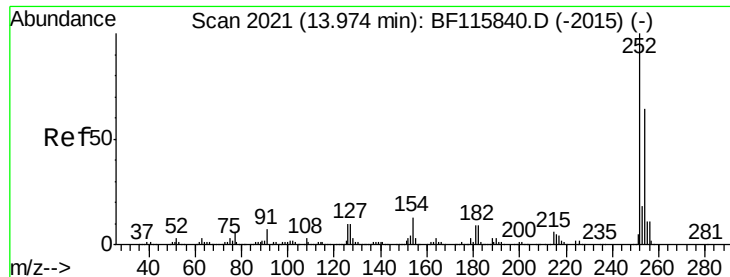
Tot Ion:149 Resp: 529370
Ion Ratio Lower Upper
149 100
91 73.4 56.3 84.5
206 20.8 18.0 27.0



#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 :

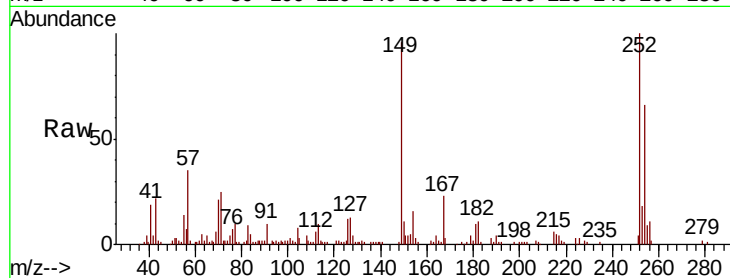
Tot Ion:252 Resp: 83505

Ion Ratio Lower Upper

252 100

254 65.6 50.9 76.3

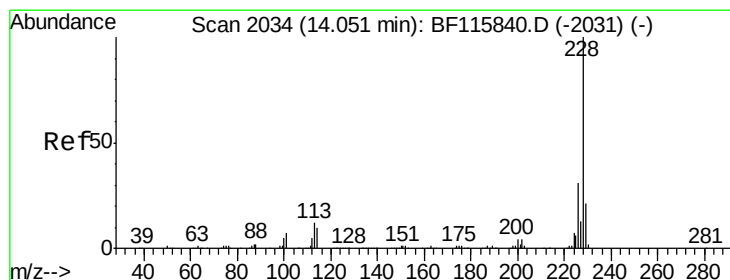
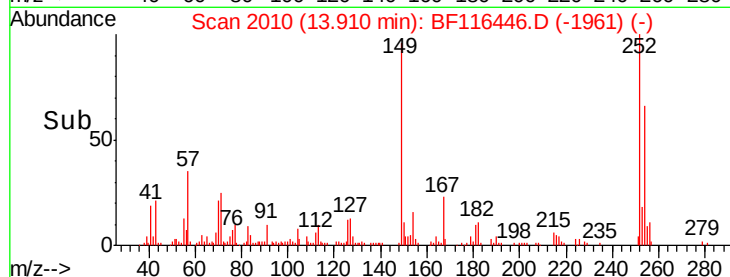
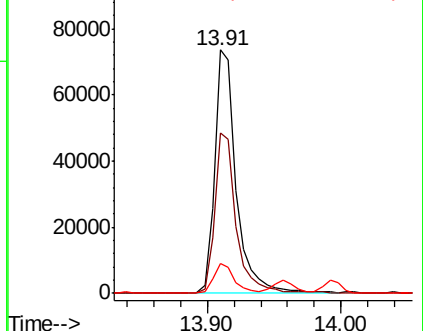
126 12.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

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

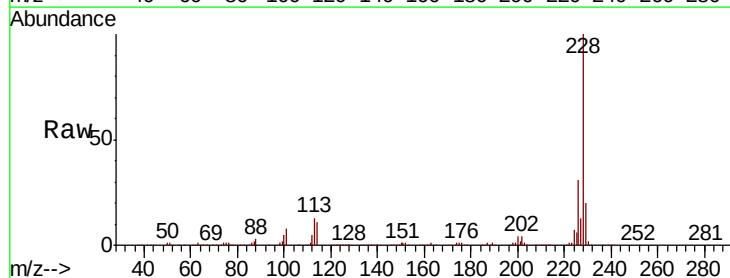
Tgt Ion:228 Resp: 1000784

Ion Ratio Lower Upper

228 100

226 31.4 25.5 38.3

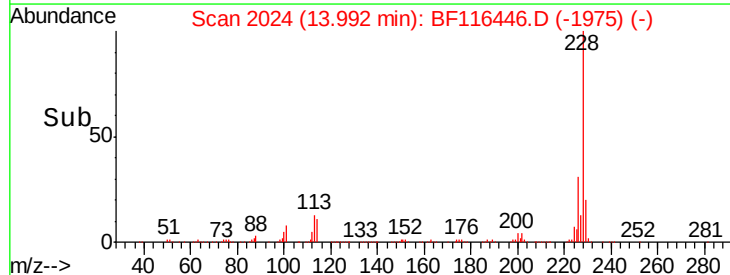
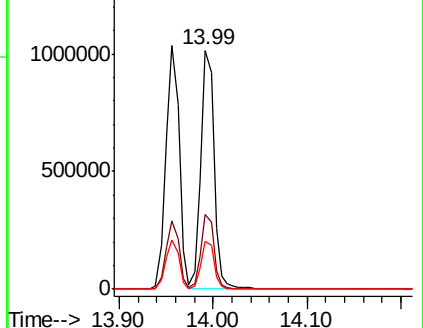
229 20.2 16.6 24.8

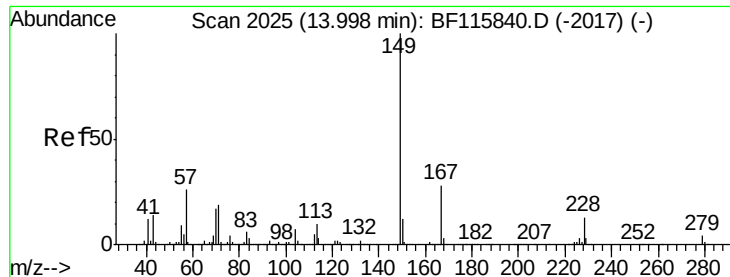


Abundance Ion 228.00 (227.70 to 228.70): E

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

ClientSampled :

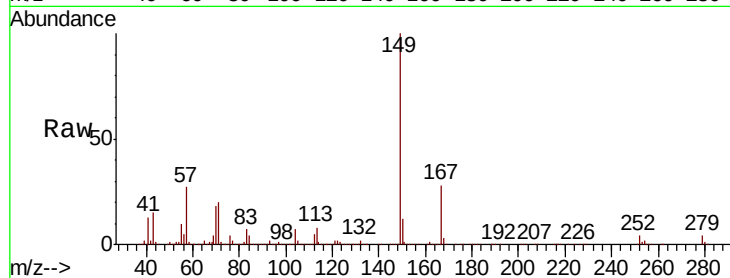
Tot Ion:149 Resp: 766744

Ion Ratio Lower Upper

149 100

167 27.8 21.6 32.4

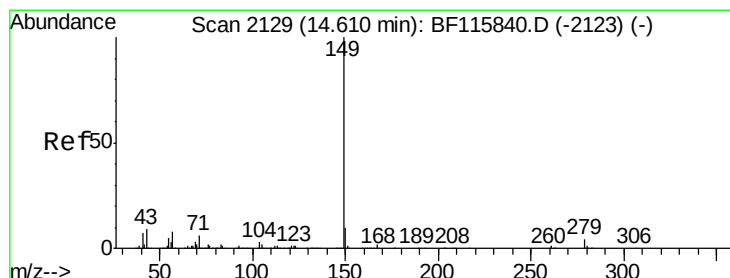
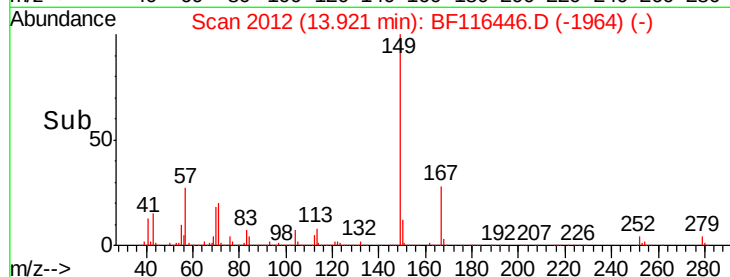
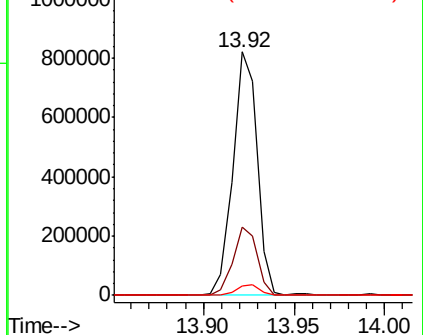
279 3.7 3.0 4.4



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

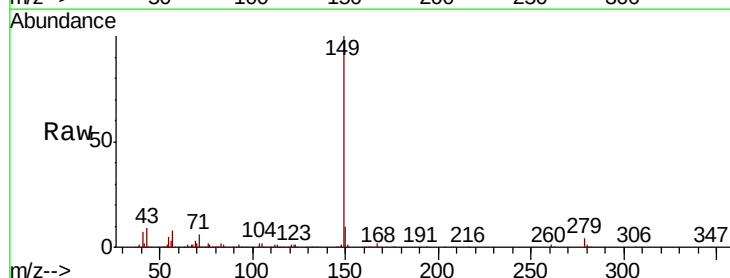
Tgt Ion:149 Resp: 1303434

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

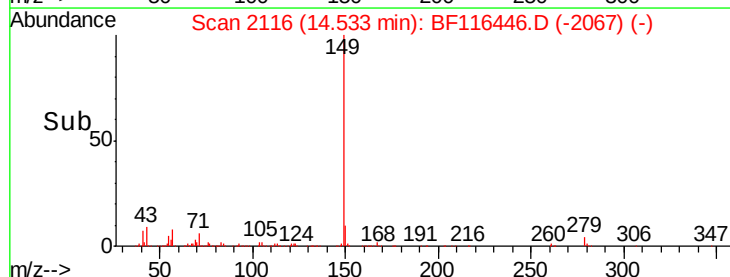
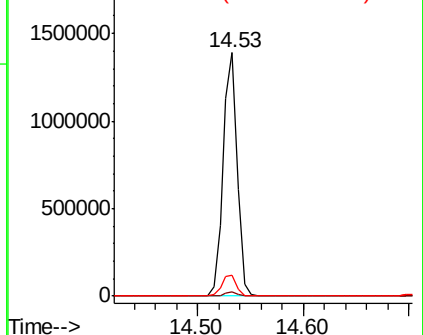
43 8.9 7.5 11.3

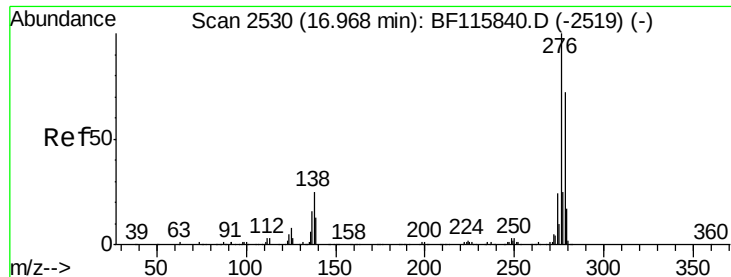


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



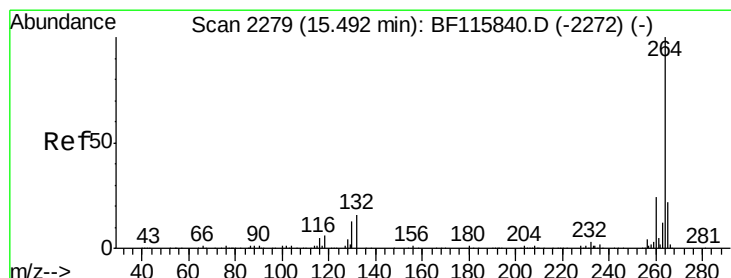
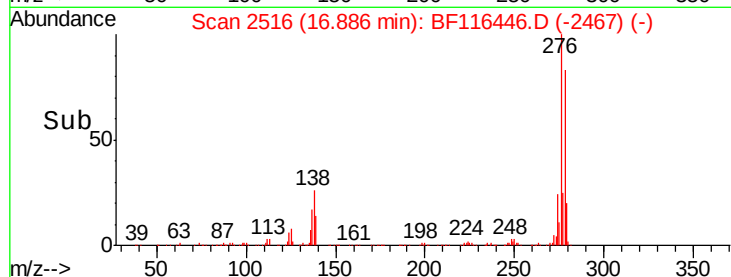
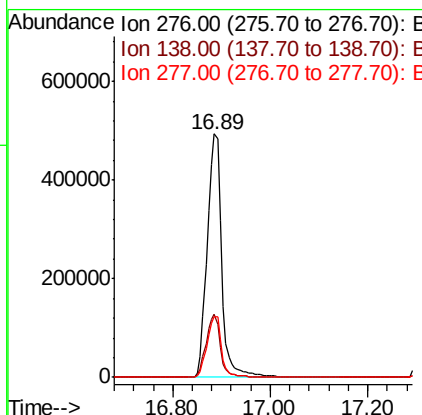
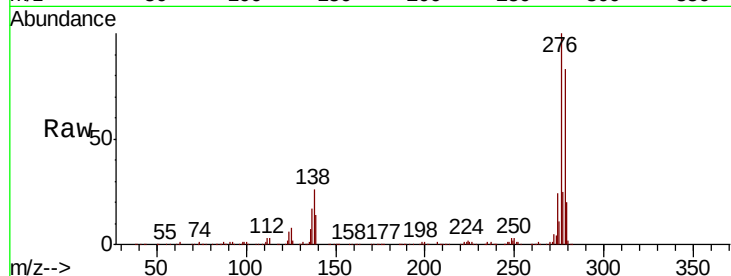


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 65.984 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1020132

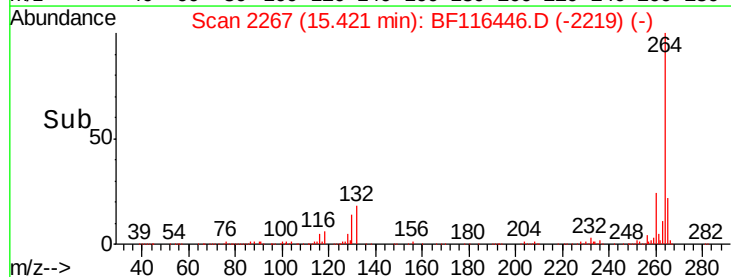
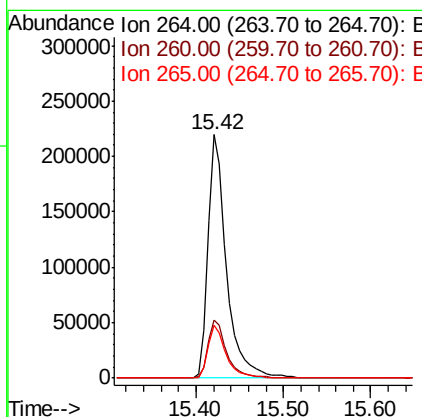
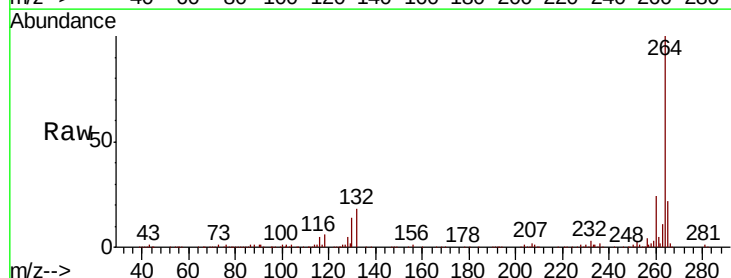
Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.4	30.6
277	25.2	20.0	30.0

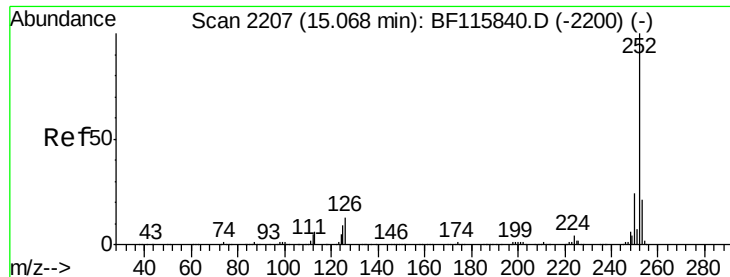


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116446.D
 Acq: 20 Aug 2019 22:40

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 :

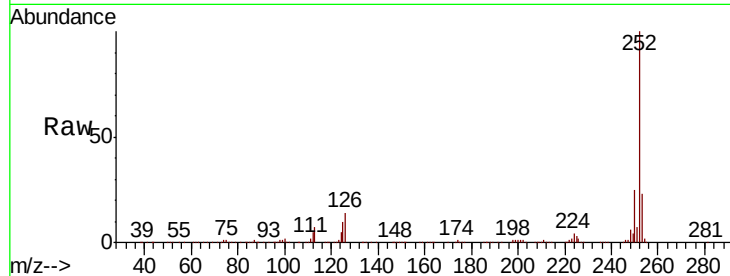
Tot Ion:252 Resp: 988660

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

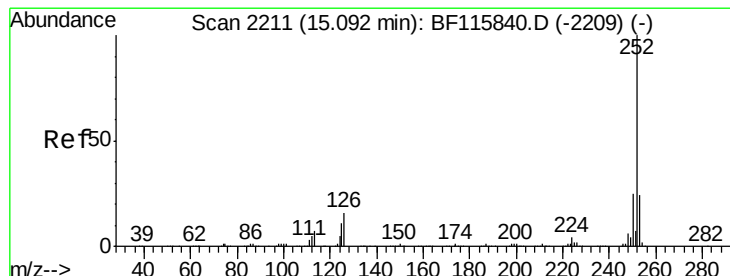
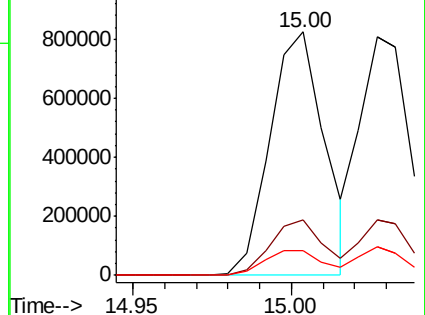
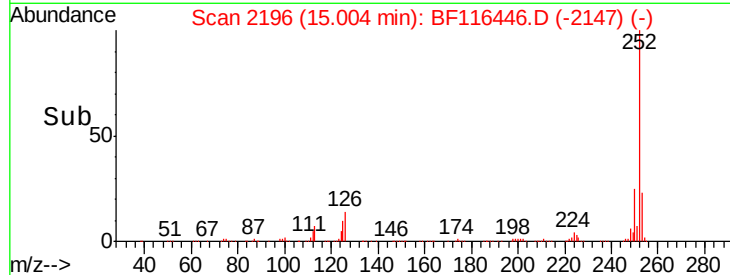
125 10.4 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 54.368 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.04 min

Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

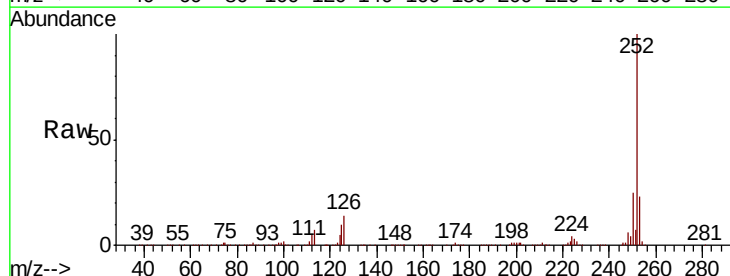
Tgt Ion:252 Resp: 988660

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

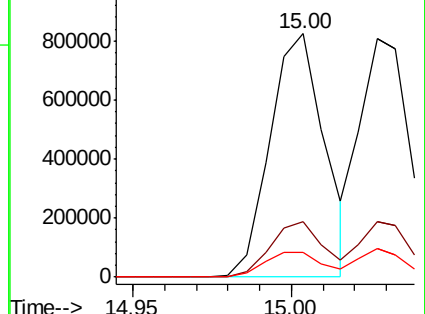
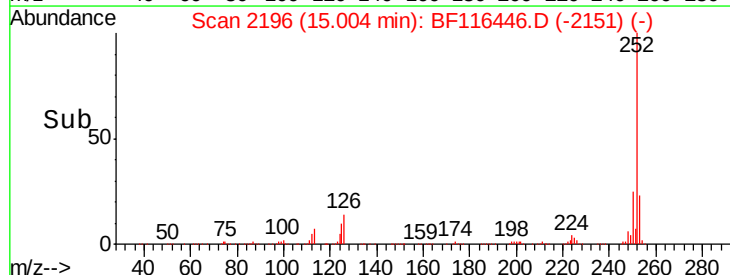
125 10.4 7.7 11.5

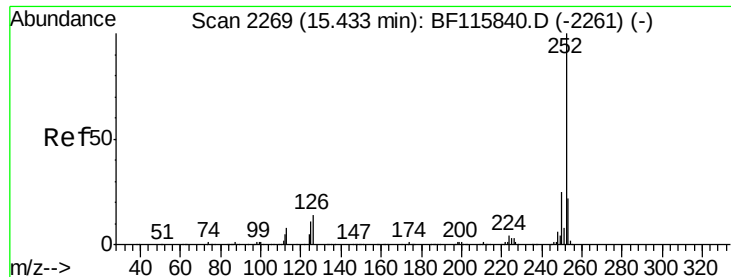


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 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 :

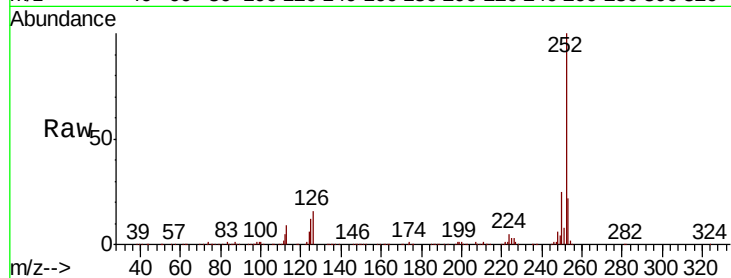
Tot Ion:252 Resp: 936036

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

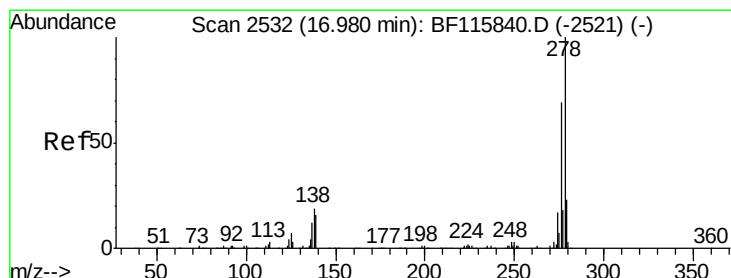
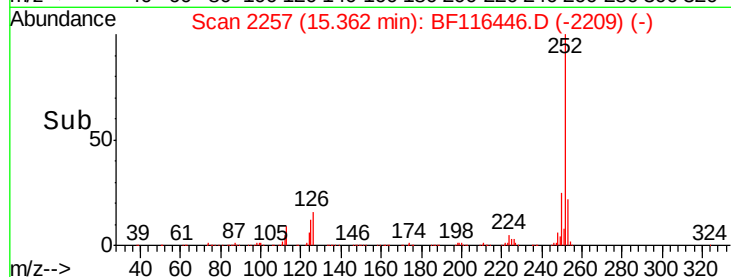
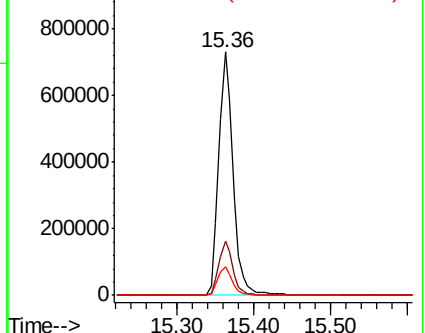
125 11.8 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 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

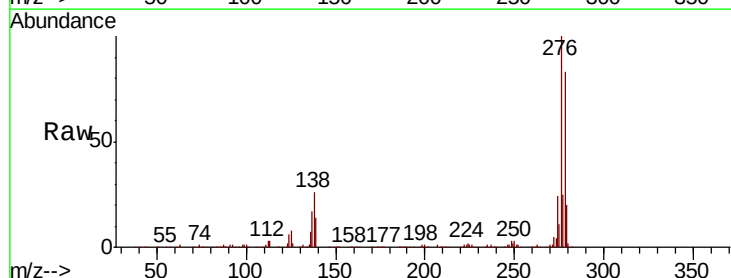
Tgt Ion:278 Resp: 860776

Ion Ratio Lower Upper

278 100

139 17.0 12.8 19.2

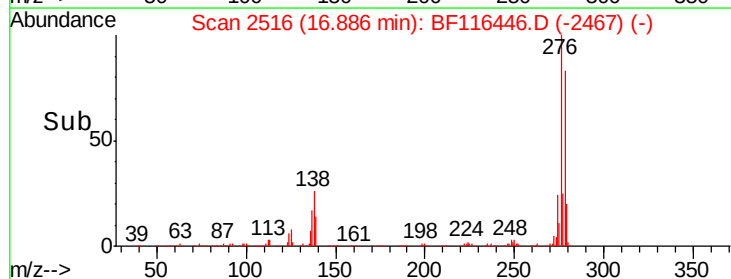
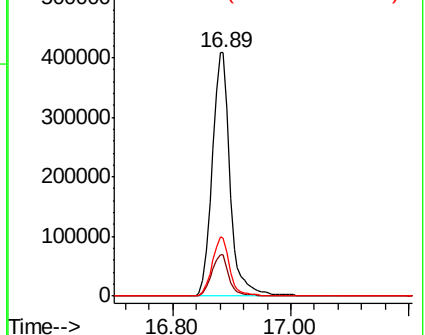
279 23.8 18.8 28.2

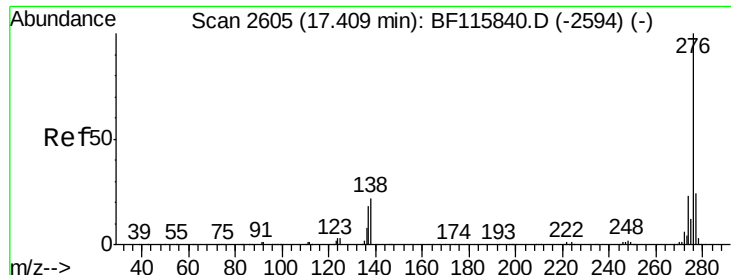


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 59.584 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.02 min

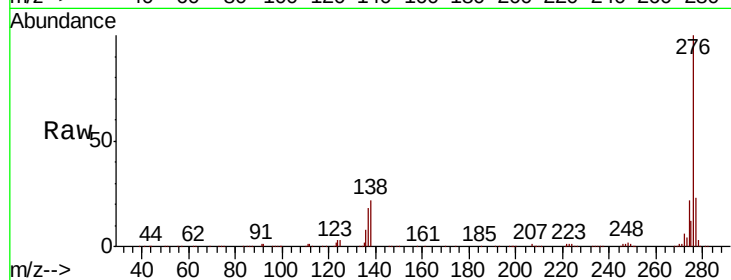
Lab File: BF116446.D

Acq: 20 Aug 2019 22:40

Instrument :

BNA_F

ClientSampleId :



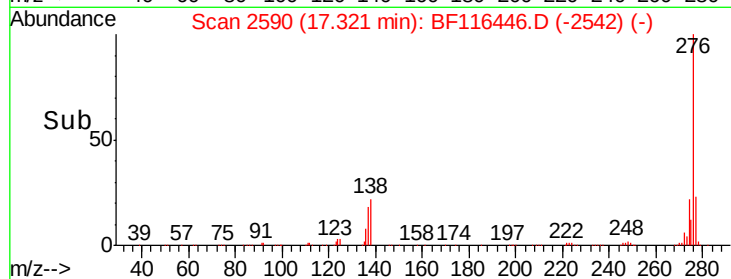
Tot Ion: 276 Resp: 845371

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

