

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116429.D
 Acq On : 20 Aug 2019 12:38
 Operator : HP/JU
 Sample : PB122210BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Quant Time: Aug 20 15:10:36 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	120404	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	495667	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	261980	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	448071	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	311401	20.00	ng	-0.01
87) Perylene-d12	15.42	264	268419	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	850074	118.19	ng	0.00
7) Phenol-d6	6.46	99	1015268	111.88	ng	0.00
23) Nitrobenzene-d5	7.37	82	666566	77.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	274221	107.96	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1155207	82.59	ng	-0.01
79) Terphenyl-d14	12.90	244	1272816	86.13	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	142813	39.305	ng	97
3) Pyridine	3.40	79	331543	32.665	ng	97
4) n-Nitrosodimethylamine	3.35	42	154892	38.670	ng	100
6) Aniline	6.47	93	380159	29.253	ng	# 55
8) 2-Chlorophenol	6.60	128	355410	44.687	ng	97
9) Benzaldehyde	6.36	77	118007	18.847	ng	98
10) Phenol	6.47	94	436840	40.880	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	348632	44.375	ng	97
12) 1,3-Dichlorobenzene	6.75	146	378313	41.159	ng	98
13) 1,4-Dichlorobenzene	6.82	146	391611	42.552	ng	98
14) 1,2-Dichlorobenzene	6.97	146	359110	42.377	ng	99
15) Benzyl Alcohol	6.96	79	282983	41.092	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	441963	41.242	ng	57
17) 2-Methylphenol	7.07	107	291330	43.260	ng	# 91
18) Hexachloroethane	7.31	117	141131	41.651	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	247623	44.036	ng	98
20) 3+4-Methylphenols	7.23	107	376409	47.232	ng	# 79
22) Acetophenone	7.22	105	492485	45.304	ng	# 92
24) Nitrobenzene	7.39	77	394353	42.532	ng	100
25) Isophorone	7.63	82	710433	43.267	ng	98
26) 2-Nitrophenol	7.71	139	194051	44.399	ng	95
27) 2,4-Dimethylphenol	7.75	122	312788	47.568	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	432745	42.521	ng	99
29) 2,4-Dichlorophenol	7.96	162	307055	44.226	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	330283	41.733	ng	99
31) Naphthalene	8.10	128	1023043	43.860	ng	99
32) Benzoic acid	7.92	122	161635	34.866	ng	97
33) 4-Chloroaniline	8.16	127	292654	28.081	ng	98
34) Hexachlorobutadiene	8.22	225	187935	41.227	ng	98
35) Caprolactam	8.54	113	49803	22.179	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	315156	43.634	ng	99
37) 2-Methylnaphthalene	8.80	142	675474	43.972	ng	99
38) 1-Methylnaphthalene	8.90	142	623828	42.926	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	311193	44.432	ng	100

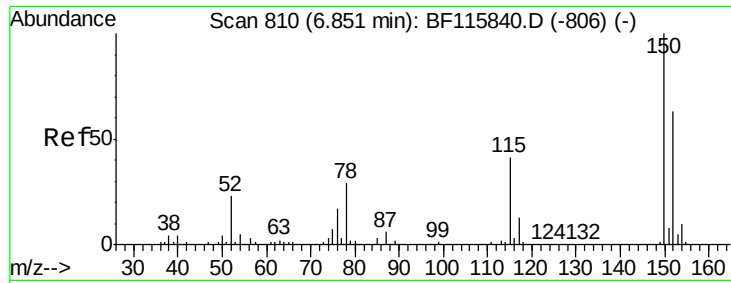
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 QLast Update : Mon Aug 19 06:03:31 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	142546	47.902	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	186255	38.636	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	191096	38.348	ng	97
46) 1,1'-Biphenyl	9.26	154	817338	44.191	ng	99
47) 2-Chloronaphthalene	9.29	162	646585	42.003	ng	99
48) 2-Nitroaniline	9.39	65	200222	39.350	ng	97
49) Acenaphthylene	9.70	152	942548	41.969	ng	99
50) Dimethylphthalate	9.56	163	741487	41.568	ng	100
51) 2,6-Dinitrotoluene	9.63	165	167531	43.217	ng	96
52) Acenaphthene	9.87	154	579238	42.041	ng	99
53) 3-Nitroaniline	9.80	138	133017	27.770	ng	99
54) 2,4-Dinitrophenol	9.93	184	114097	60.030	ng	98
55) Dibenzofuran	10.05	168	812769	40.564	ng	98
56) 4-Nitrophenol	9.99	139	157137	51.211	ng	93
57) 2,4-Dinitrotoluene	10.05	165	199079	38.572	ng	# 90
58) Fluorene	10.39	166	672451	43.622	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	169934	40.533	ng	98
60) Diethylphthalate	10.26	149	721460	43.321	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	339386	43.471	ng	99
62) 4-Nitroaniline	10.42	138	160866	32.498	ng	98
63) Azobenzene	10.53	77	742074	43.321	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	103034	43.392	ng	99
66) n-Nitrosodiphenylamine	10.50	169	601958	44.634	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	208117	43.389	ng	98
68) Hexachlorobenzene	10.94	284	228748	41.242	ng	98
69) Atrazine	11.02	200	181535	40.916	ng	99
70) Pentachlorophenol	11.15	266	147166	54.651	ng	100
71) Phenanthrene	11.35	178	981888	42.865	ng	100
72) Anthracene	11.40	178	1007524	43.461	ng	99
73) Carbazole	11.56	167	898733	42.732	ng	99
74) Di-n-butylphthalate	11.87	149	1134220	46.229	ng	99
75) Fluoranthene	12.54	202	1034314	43.131	ng	98
77) Benzidine	12.66	184	282689	26.870	ng	98
78) Pyrene	12.77	202	1039565	44.286	ng	99
80) Butylbenzylphthalate	13.37	149	475939	47.932	ng	96
81) Benzo(a)anthracene	13.96	228	852354	42.824	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	268919	38.890	ng	99
83) Chrysene	13.99	228	846793	43.822	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	666240	51.633	ng	# 97
85) Di-n-octyl phthalate	14.53	149	1069123	52.165	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	726045	44.736	ng	99
88) Benzo(b)fluoranthene	15.00	252	758564	48.876	ng	99
89) Benzo(k)fluoranthene	15.03	252	723032	47.829	ng	99
90) Benzo(a)pyrene	15.36	252	700875	50.517	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	619639	51.596	ng	98
92) Benzo(g,h,i)perylene	17.32	276	608576	51.599	ng	97

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

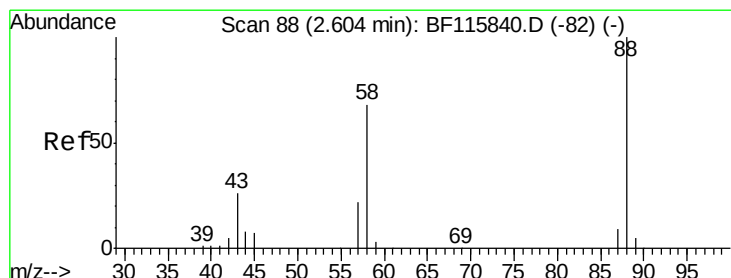
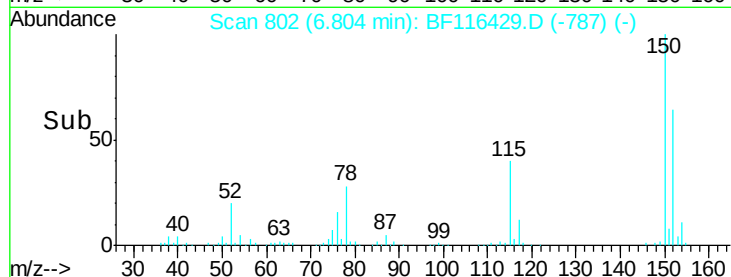
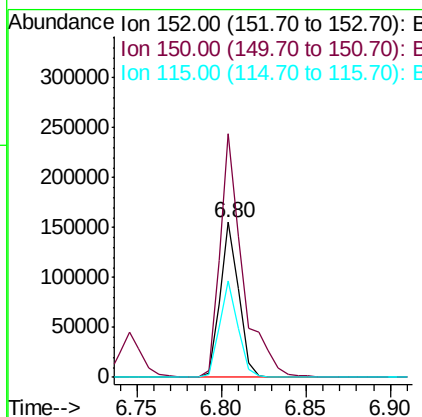
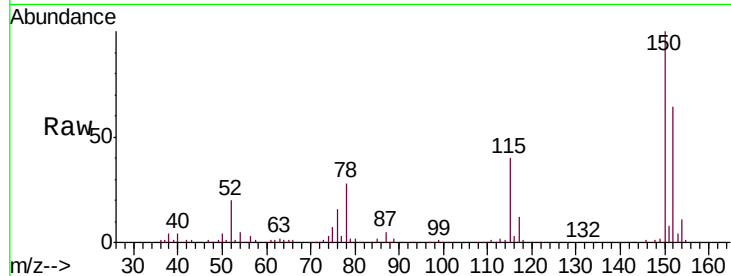


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

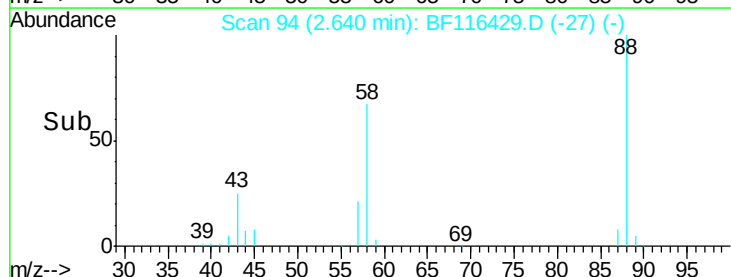
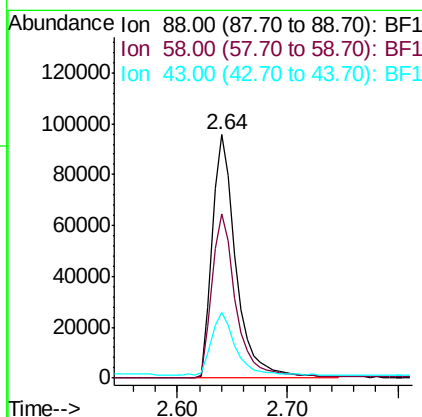
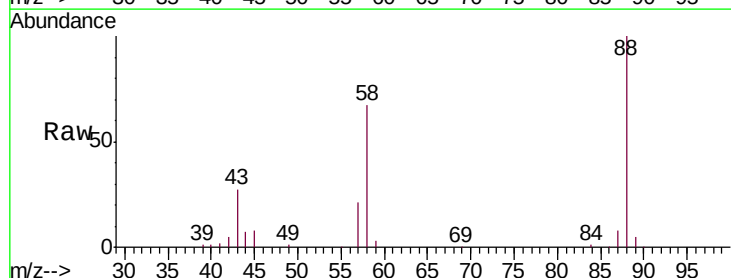
Tgt Ion: 152 Resp: 120404
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.2 189.2
 115 62.4 49.9 74.9

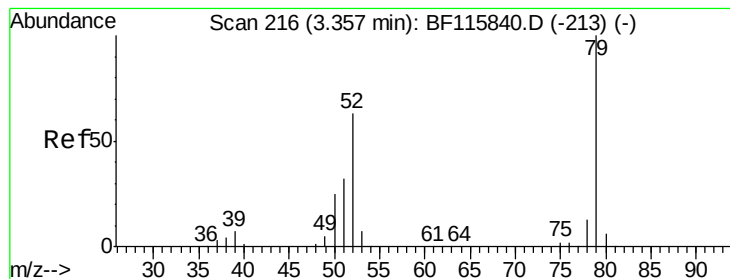


#2

1,4-Dioxane
 Concen: 39.305 ng
 RT: 2.64 min Scan# 94
 Delta R.T. 0.09 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion: 88 Resp: 142813
 Ion Ratio Lower Upper
 88 100
 58 69.8 53.7 80.5
 43 26.1 21.0 31.4





#3

Pyridine

Concen: 32.665 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.10 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

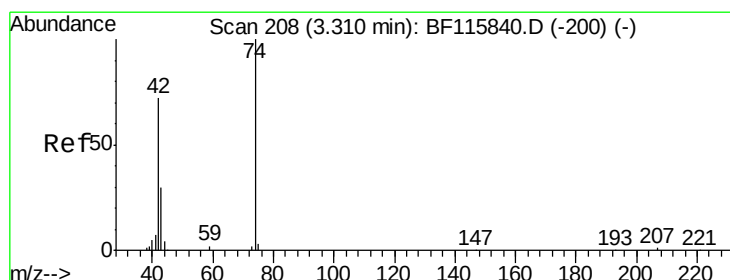
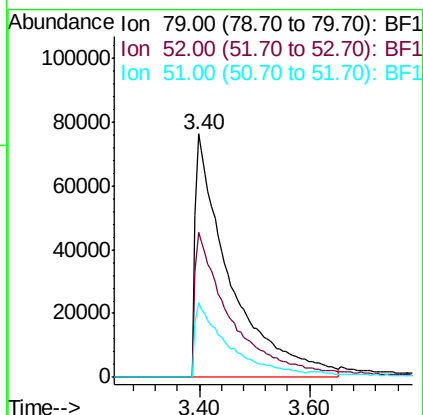
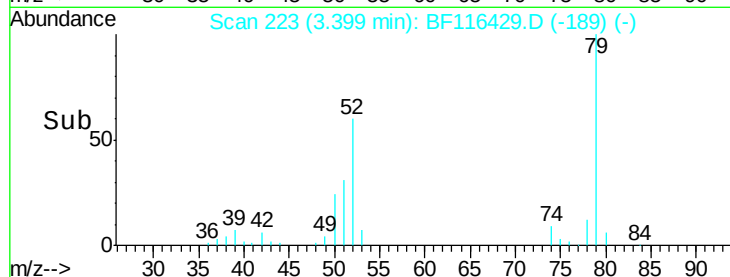
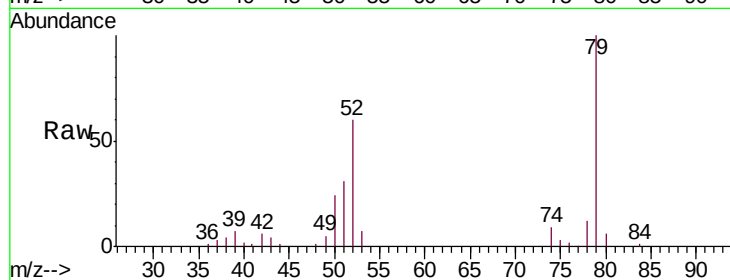
Tgt Ion: 79 Resp: 331543

Ion Ratio Lower Upper

79 100

52 59.6 49.8 74.8

51 30.5 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 38.670 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

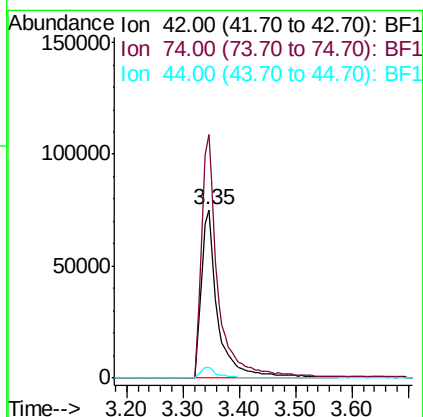
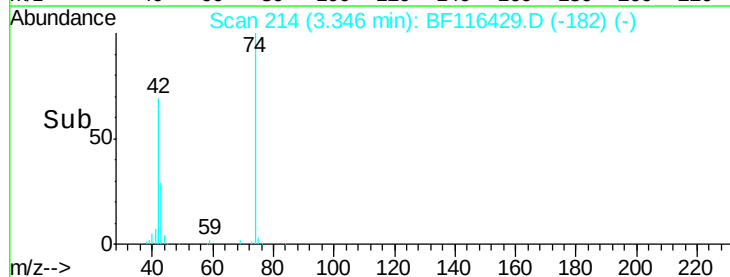
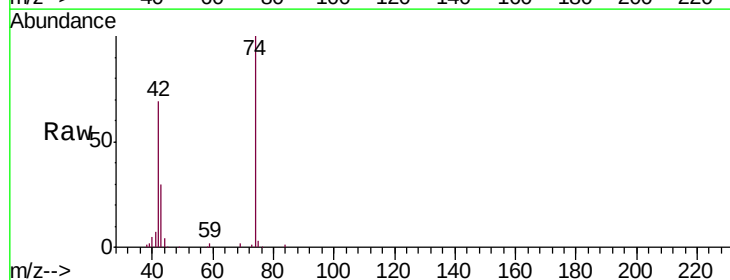
Tgt Ion: 42 Resp: 154892

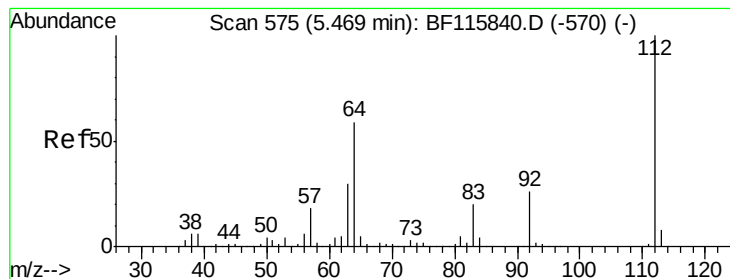
Ion Ratio Lower Upper

42 100

74 144.7 116.0 174.0

44 6.1 4.6 7.0





#5

2-Fluorophenol

Concen: 118.192 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

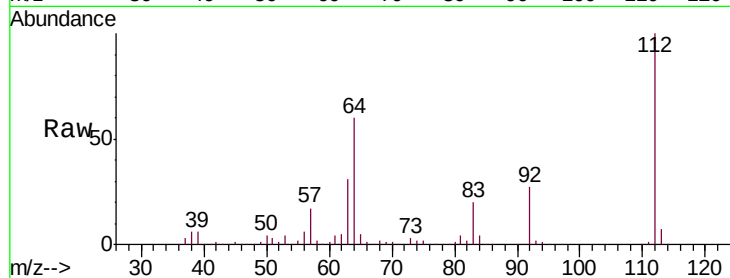
Tgt Ion: 112 Resp: 850074

Ion Ratio Lower Upper

112 100

64 59.9 45.4 68.2

63 31.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

800000

600000

400000

200000

0

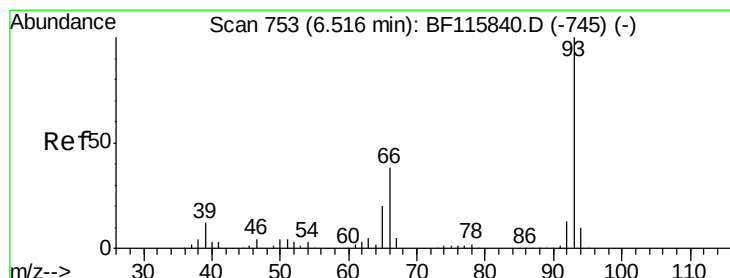
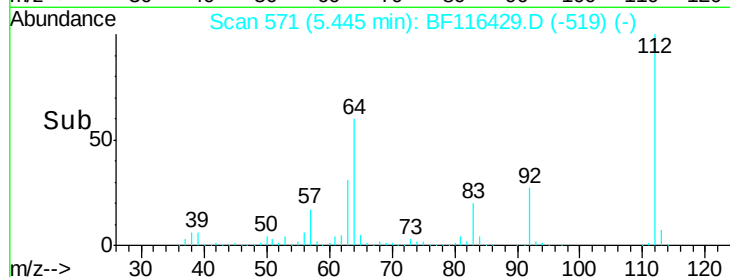
5.45

5.40

5.60

5.80

Time-->



#6

Aniline

Concen: 29.253 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

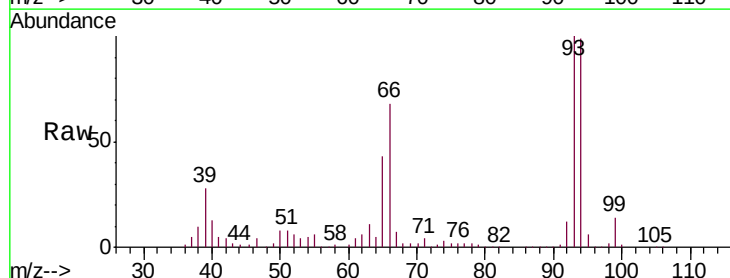
Tgt Ion: 93 Resp: 380159

Ion Ratio Lower Upper

93 100

66 67.7 32.2 48.4#

65 43.0 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

500000

400000

300000

200000

100000

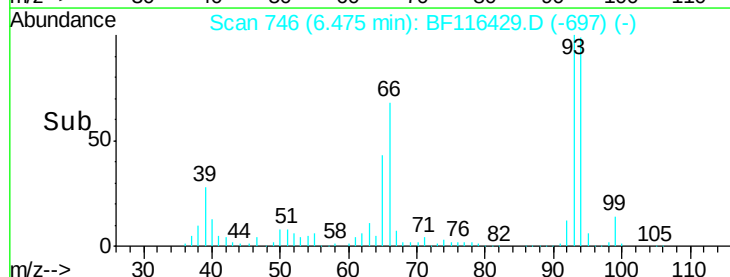
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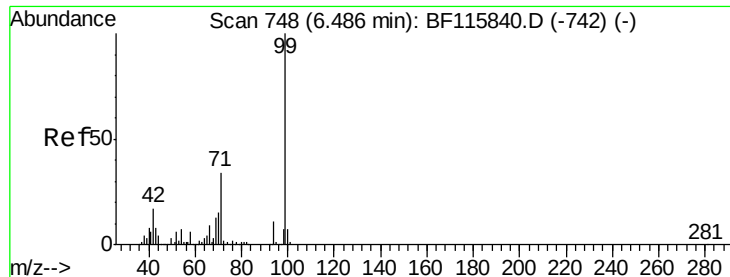
6.47

6.45

6.50

Time-->





#7

Phenol-d6

Concen: 111.883 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

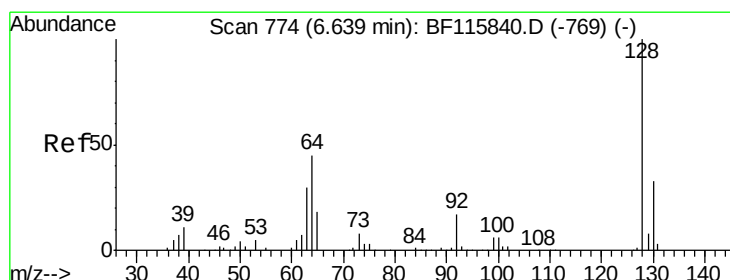
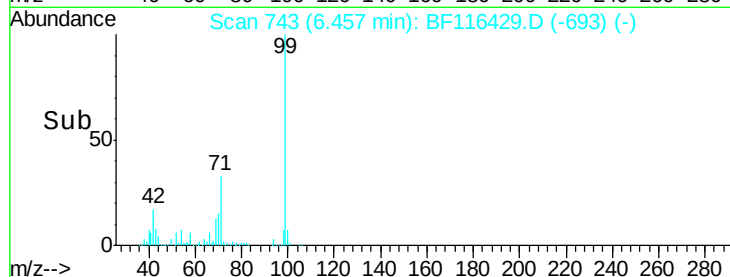
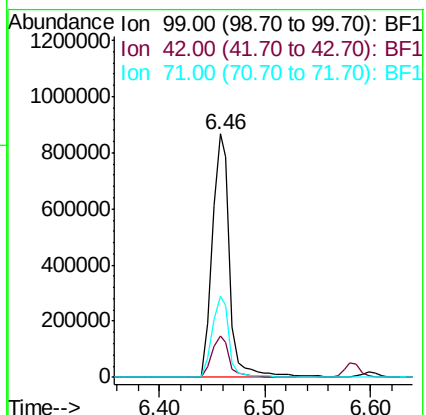
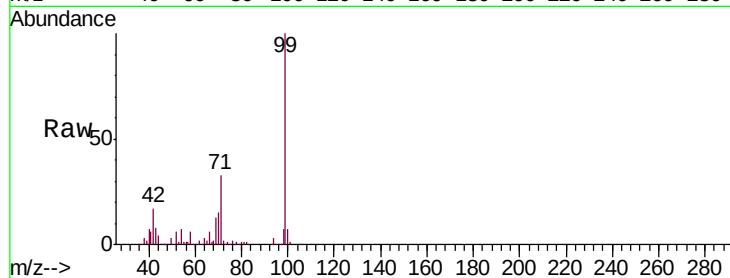
Tgt Ion: 99 Resp: 1015268

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

71 33.4 27.3 40.9



#8

2-Chlorophenol

Concen: 44.687 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

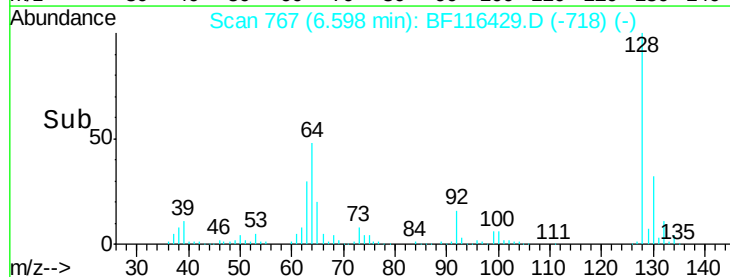
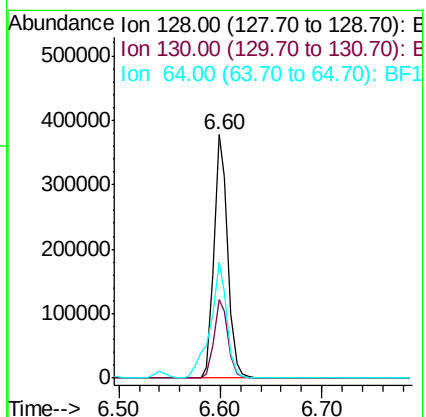
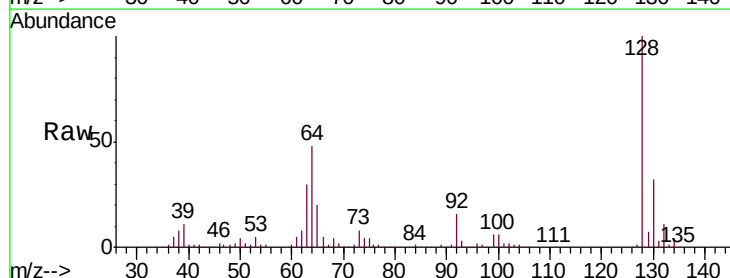
Tgt Ion: 128 Resp: 355410

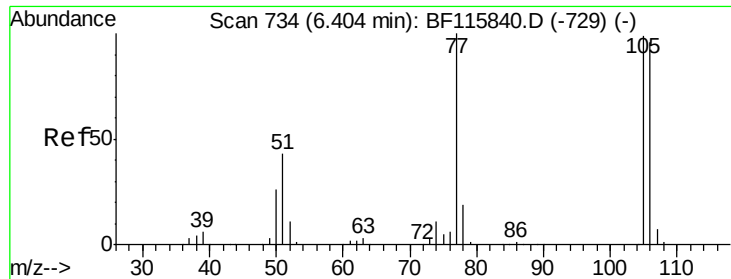
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 47.5 24.3 64.3

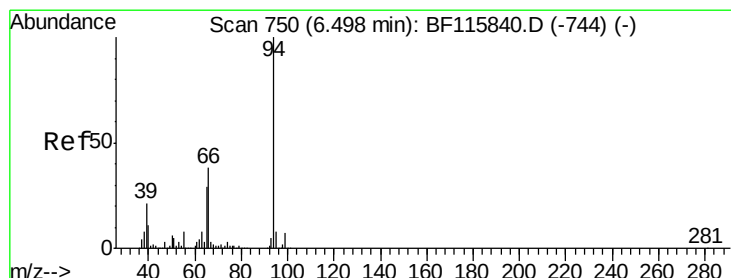
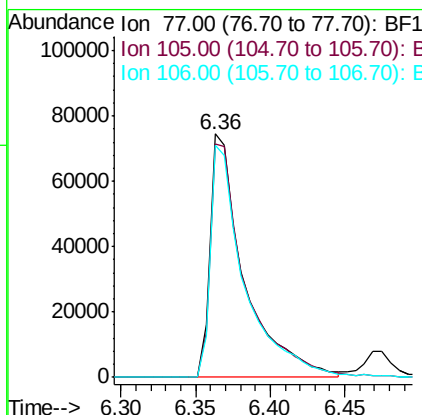
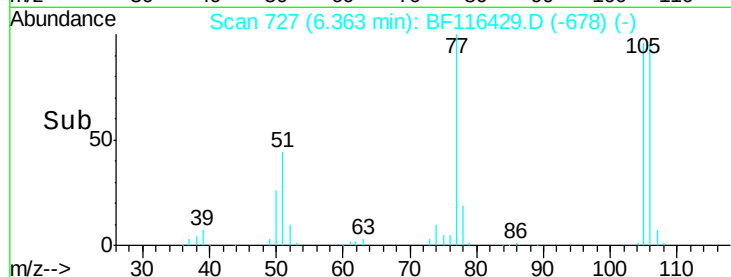
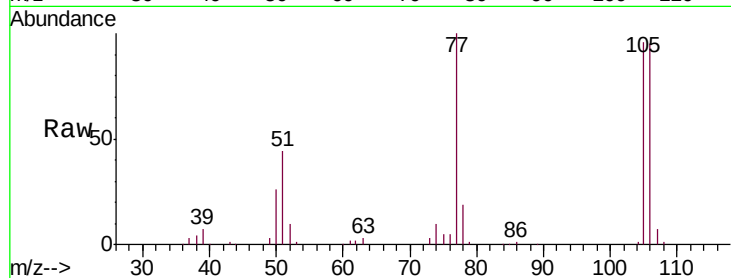




#9
Benzaldehyde
Concen: 18.847 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

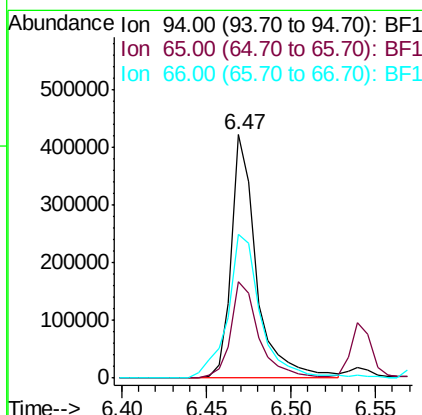
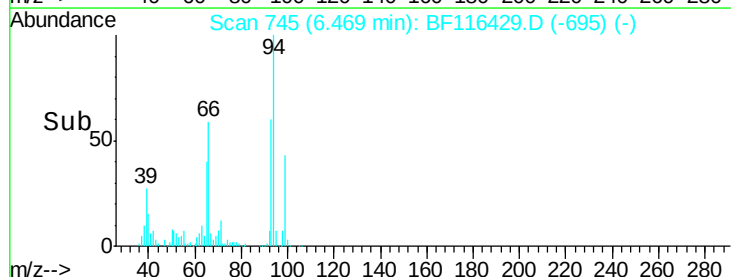
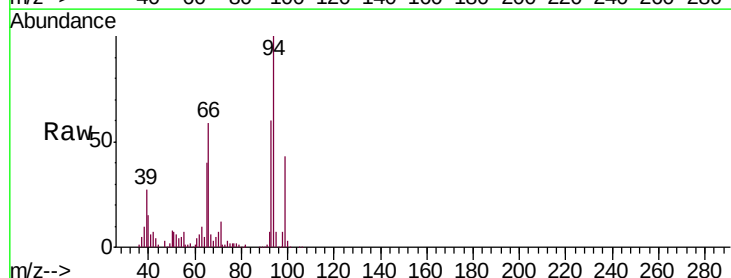
Instrument :
BNA_F
ClientSampleId :
PB122210BS

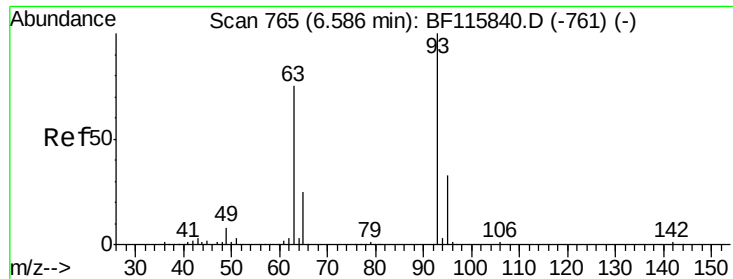
Tgt Ion: 77 Resp: 118007
Ion Ratio Lower Upper
77 100
105 96.0 79.2 119.2
106 95.2 74.3 114.3



#10
Phenol
Concen: 40.880 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion: 94 Resp: 436840
Ion Ratio Lower Upper
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65 39.5 16.8 56.8
66 59.2 34.2 74.2

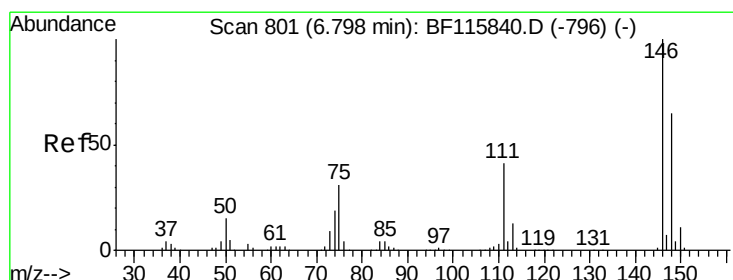
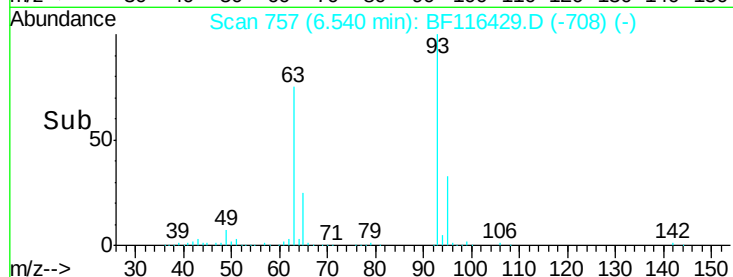
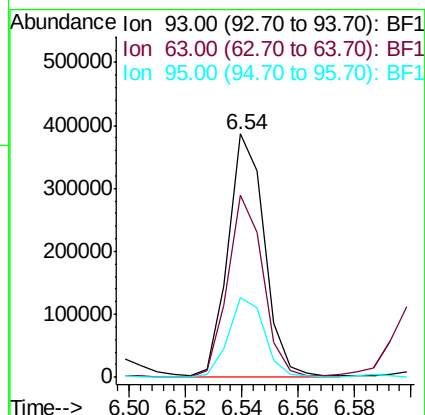
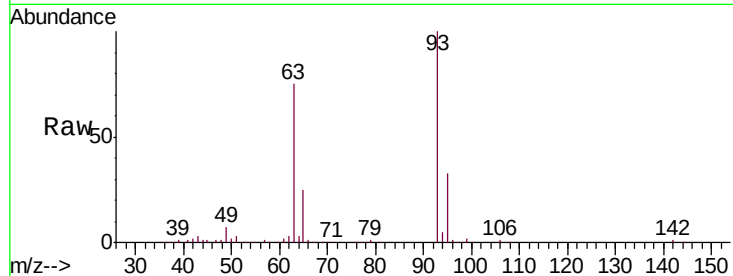




#11
bis(2-Chloroethyl)ether
Concen: 44.375 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

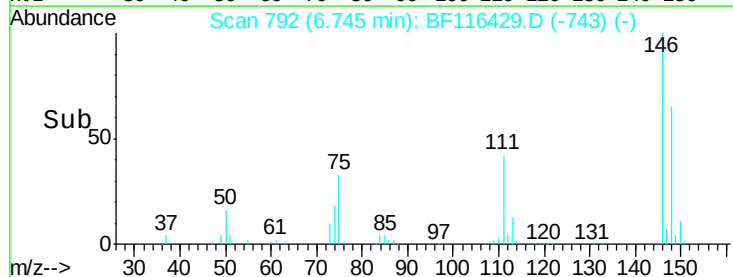
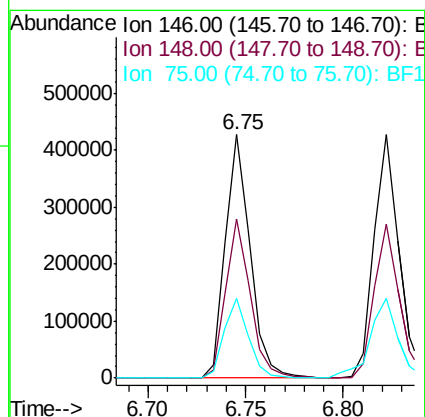
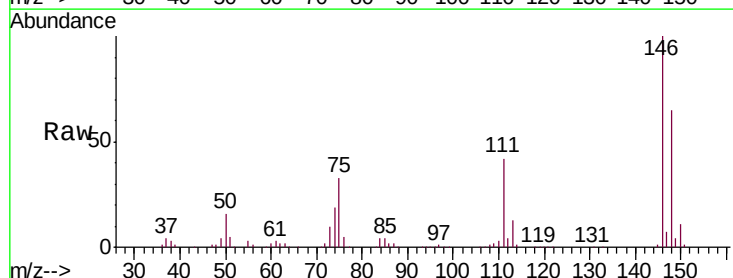
Instrument :
BNA_F
ClientSampleId :
PB122210BS

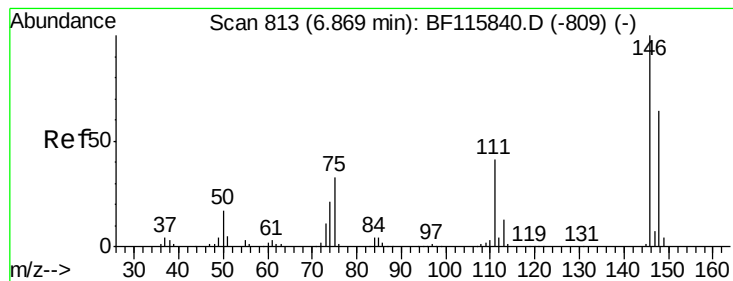
Tgt Ion: 93 Resp: 348632
Ion Ratio Lower Upper
93 100
63 75.0 51.9 91.9
95 32.5 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 41.159 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion: 146 Resp: 378313
Ion Ratio Lower Upper
146 100
148 65.2 51.3 76.9
75 33.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.552 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

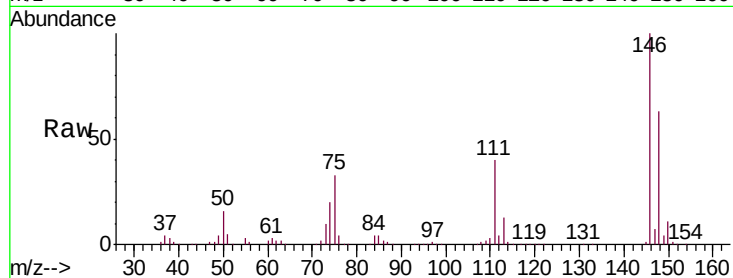
Tgt Ion:146 Resp: 391611

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

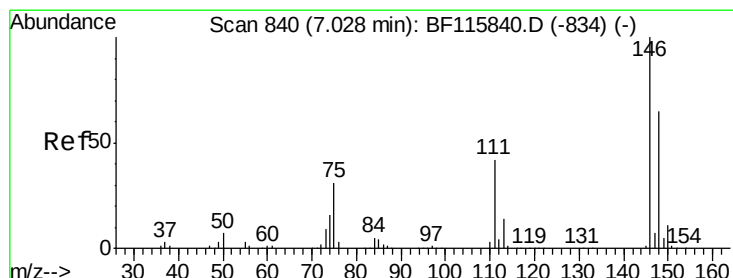
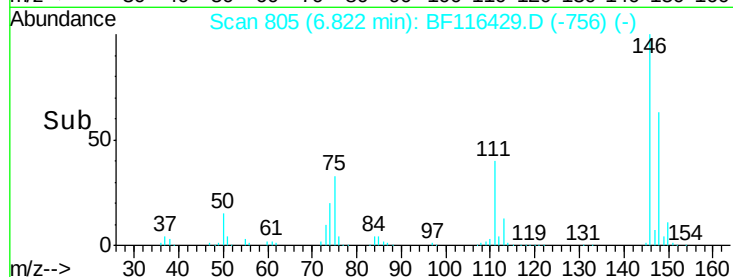
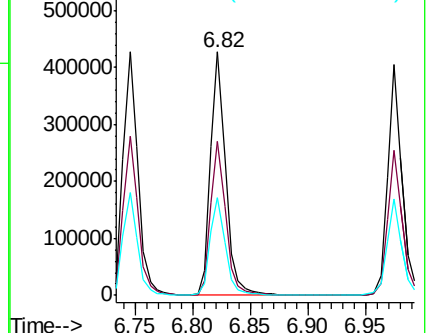
111 40.3 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.377 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

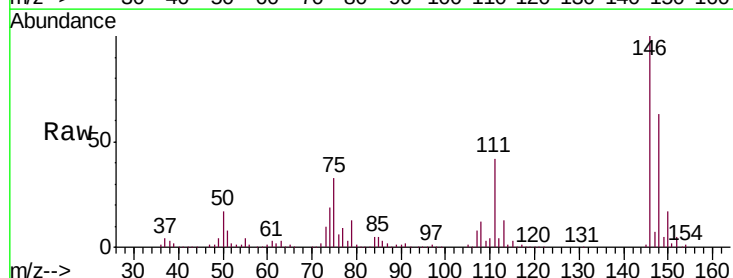
Tgt Ion:146 Resp: 359110

Ion Ratio Lower Upper

146 100

148 62.9 51.2 76.8

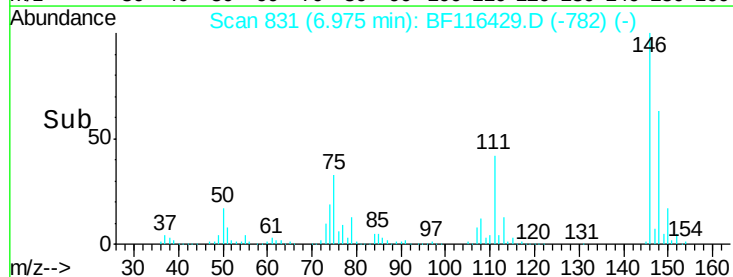
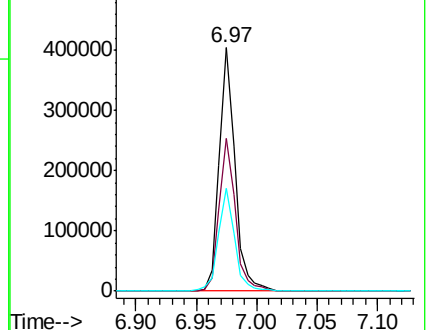
111 42.0 33.5 50.3

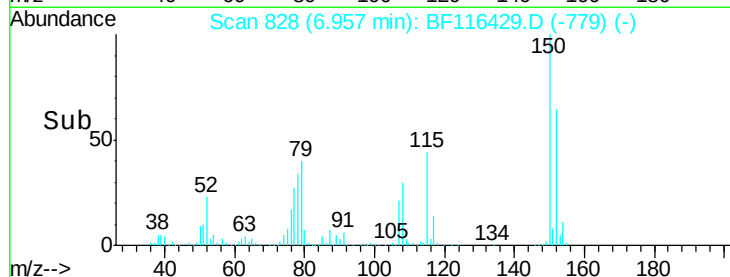
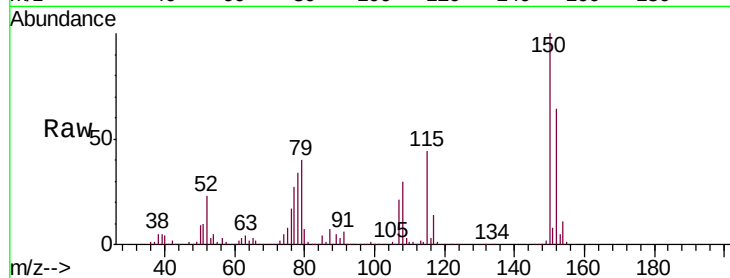
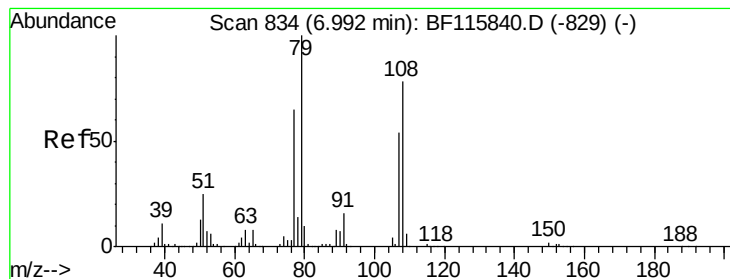


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.092 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

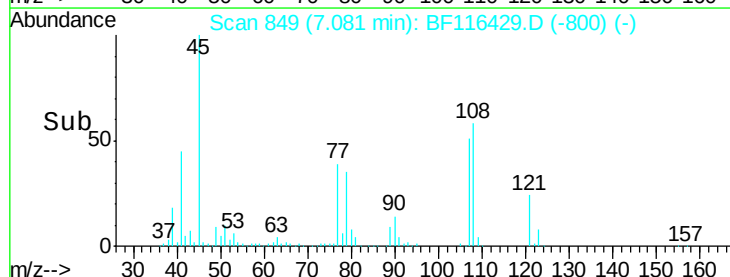
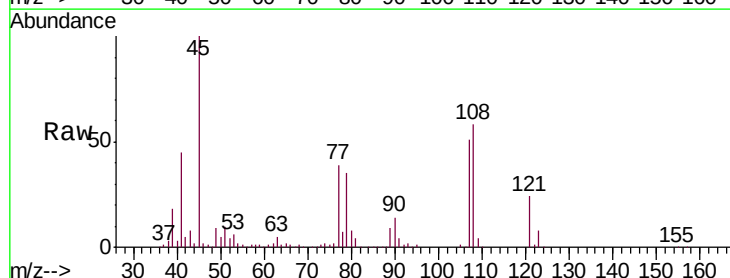
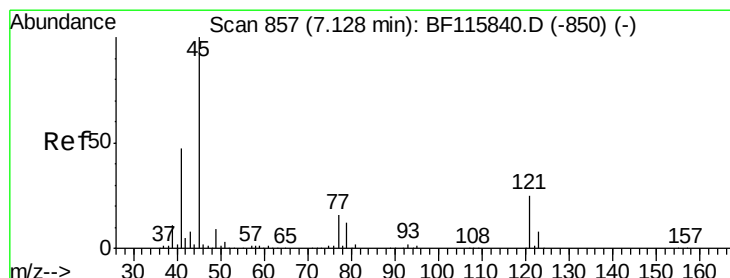
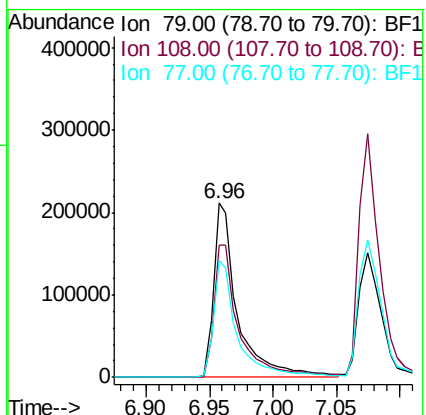
Tgt Ion: 79 Resp: 282983

Ion Ratio Lower Upper

79 100

108 75.8 62.7 94.1

77 66.9 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.242 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

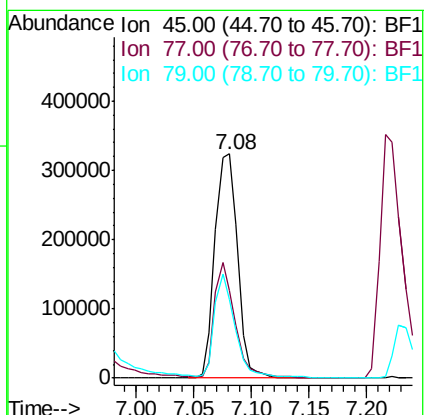
Tgt Ion: 45 Resp: 441963

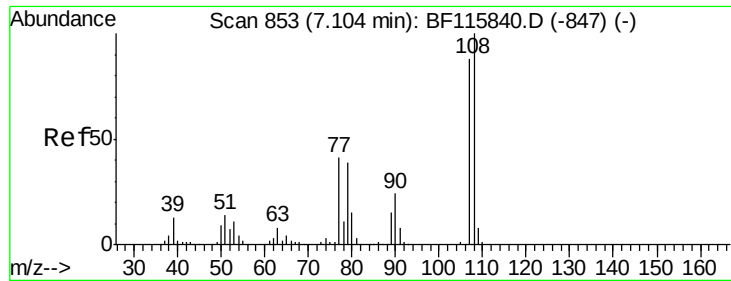
Ion Ratio Lower Upper

45 100

77 39.2 0.0 40.0

79 34.8 0.0 35.9

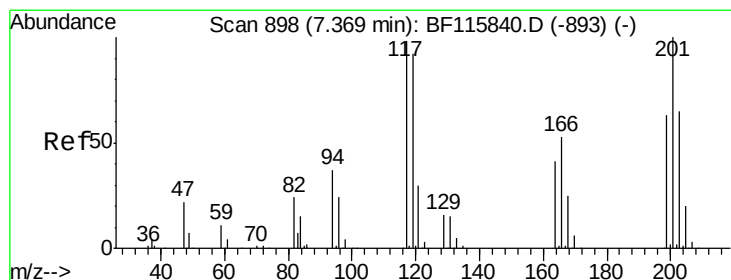
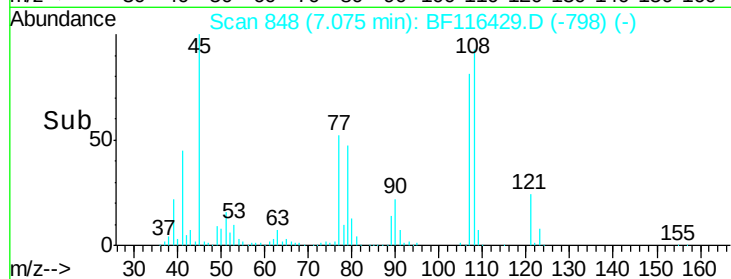
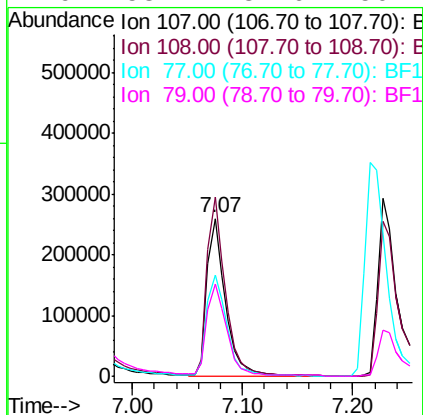
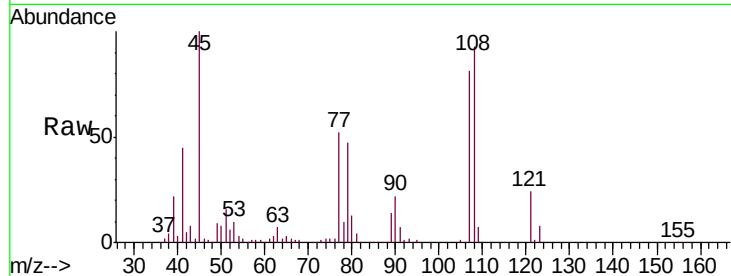




#17
2-Methylphenol
Concen: 43.260 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

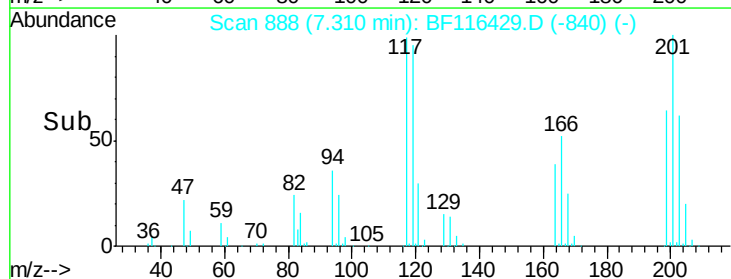
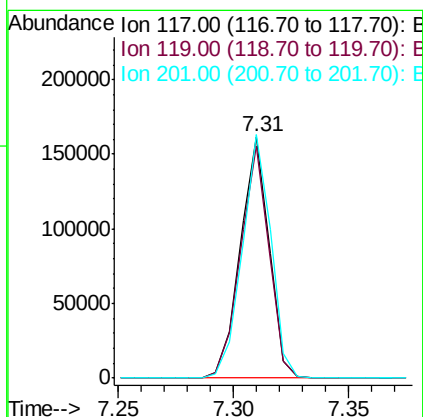
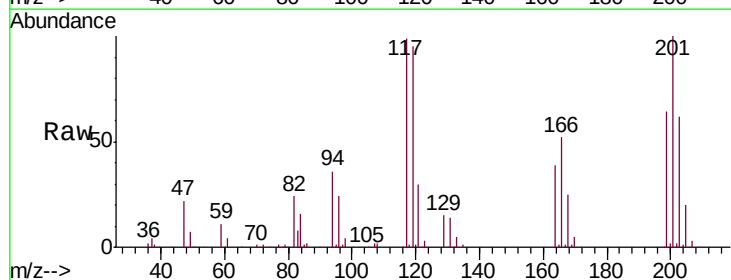
Instrument :
BNA_F
ClientSampleId :
PB122210BS

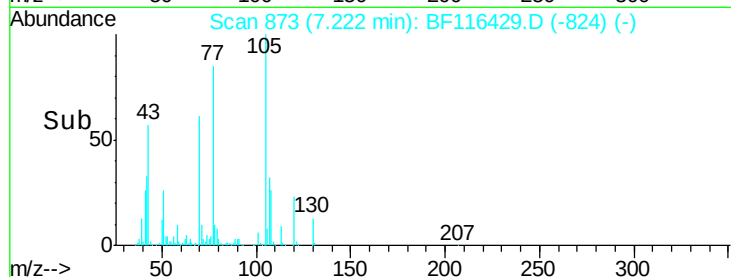
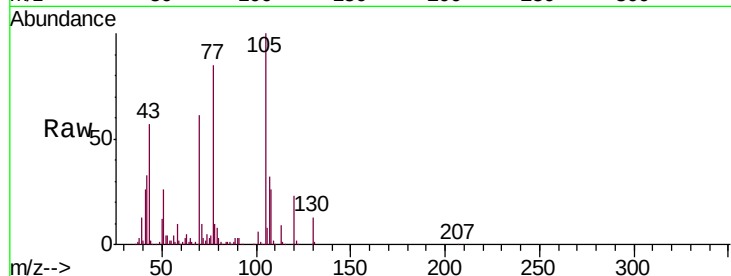
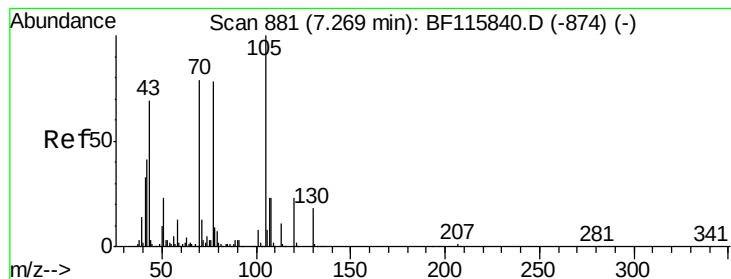
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.2	136.8
77	64.2	40.3	60.5
79	58.1	37.6	56.4



#18
Hexachloroethane
Concen: 41.651 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.1	114.1
201	101.0	77.0	115.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.036 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

Tgt Ion: 70 Resp: 247623

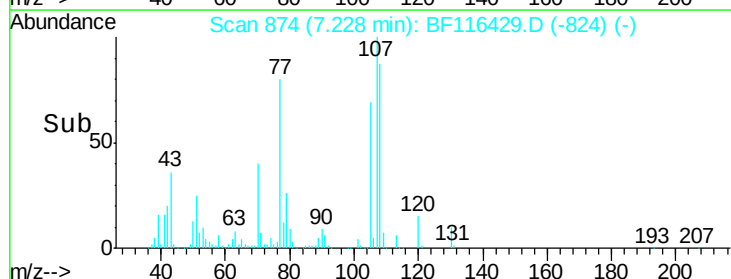
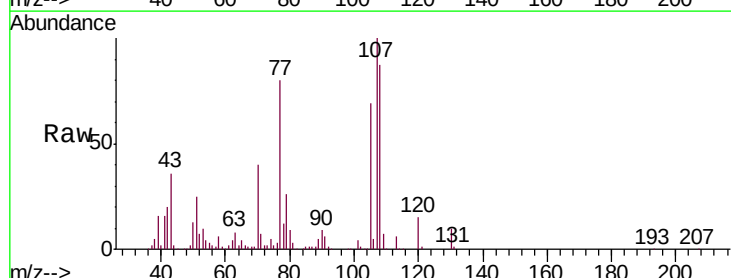
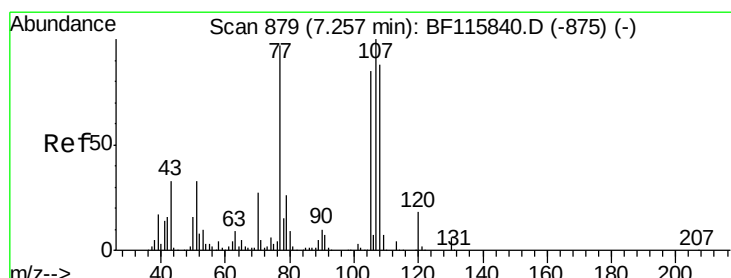
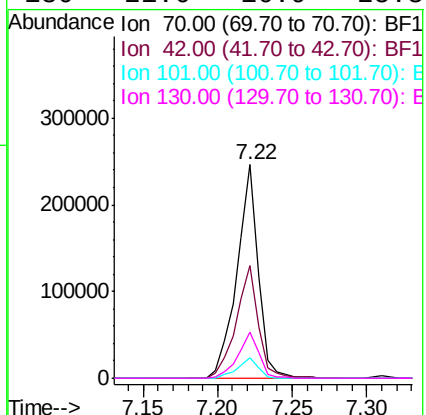
Ion Ratio Lower Upper

70 100

42 53.0 40.9 61.3

101 9.7 7.9 11.9

130 21.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 47.232 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion: 107 Resp: 376409

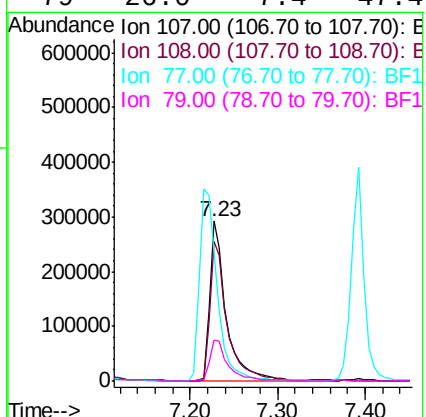
Ion Ratio Lower Upper

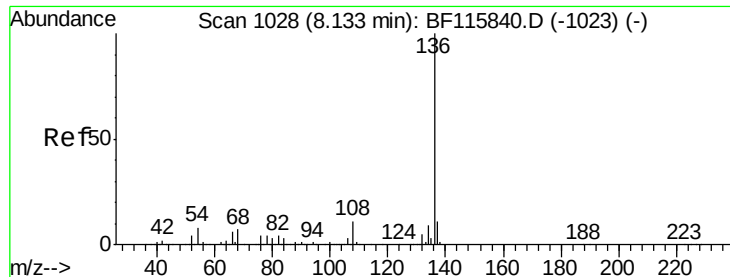
107 100

108 87.0 67.6 107.6

77 80.0 104.4 144.4#

79 26.0 7.4 47.4

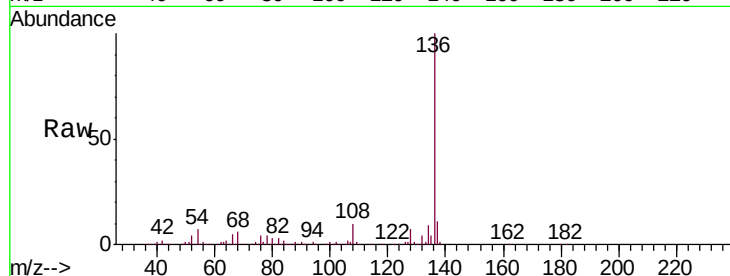




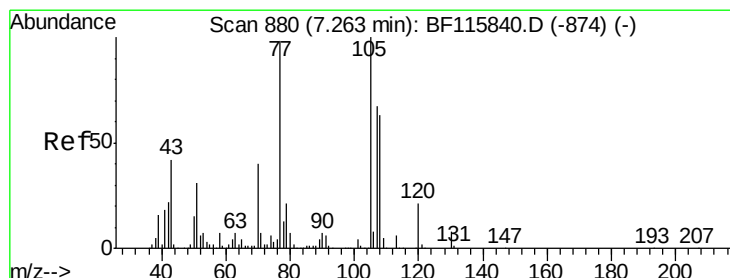
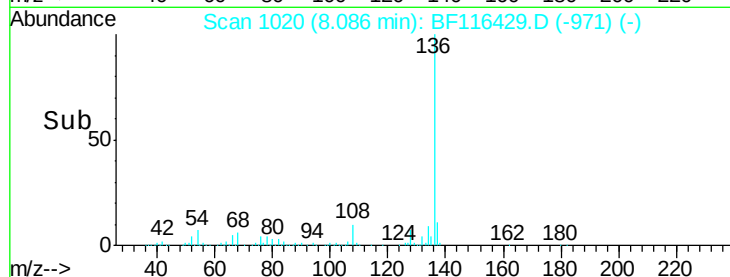
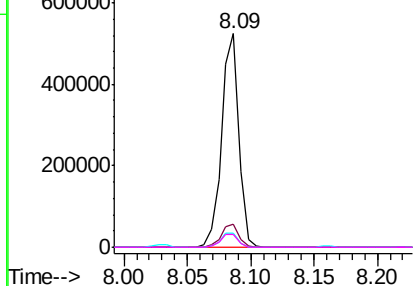
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion:	136	Resp:	495667
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.6	5.8	8.6
68	5.9	5.2	7.8

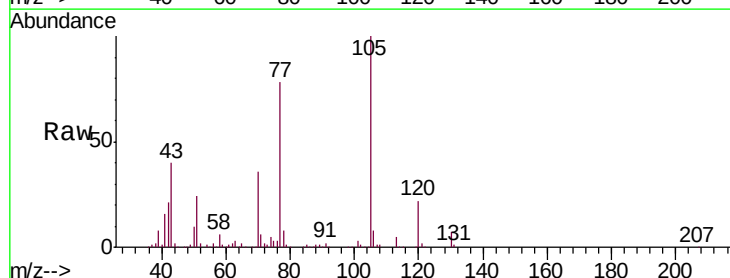


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

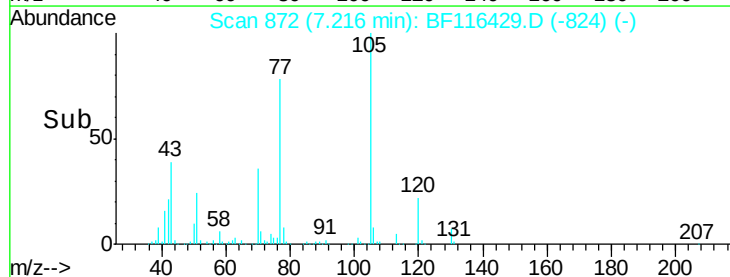
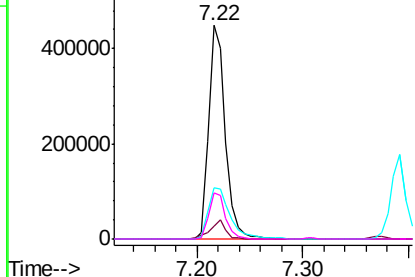


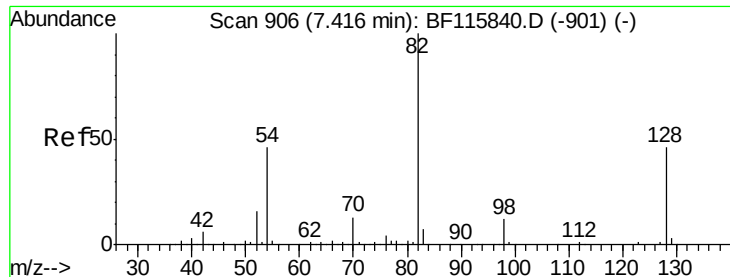
#22
Acetophenone
Concen: 45.304 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion:	105	Resp:	492485
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.9	8.9
51	24.3	25.3	37.9#
120	21.9	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

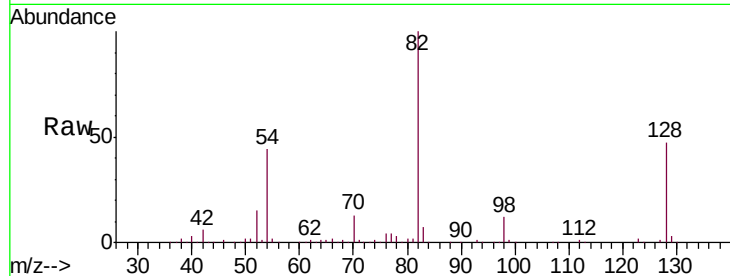




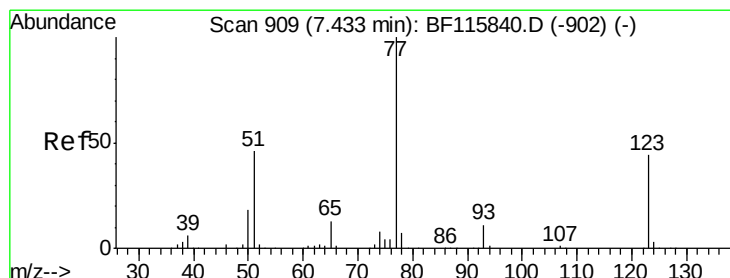
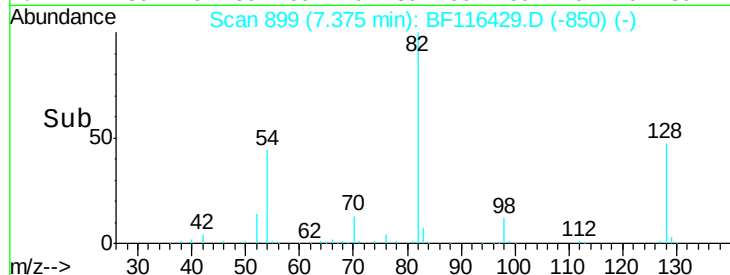
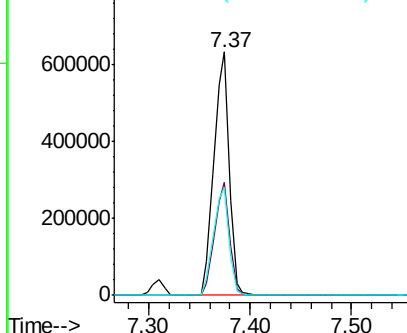
#23
 Nitrobenzene-d5
 Concen: 77.625 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Tgt Ion: 82 Resp: 666566
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.5 54.7
 54 44.3 36.0 54.0

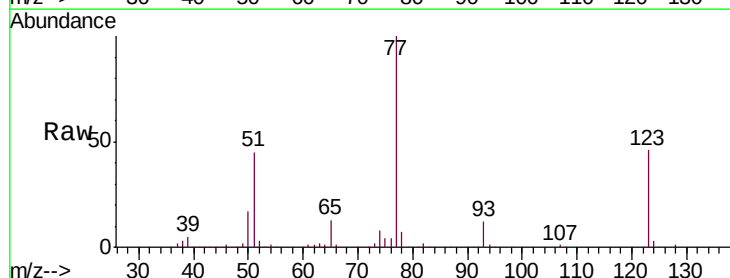


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

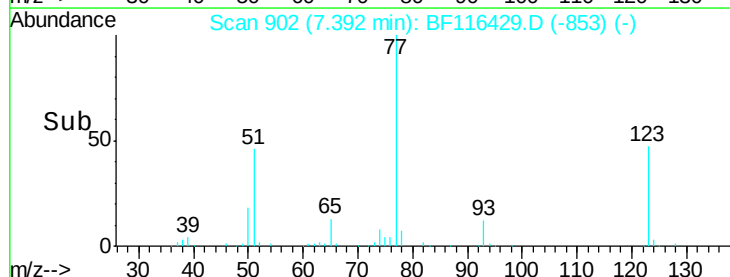
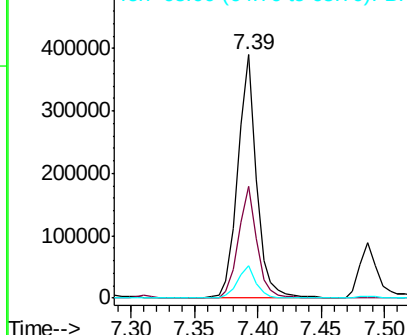


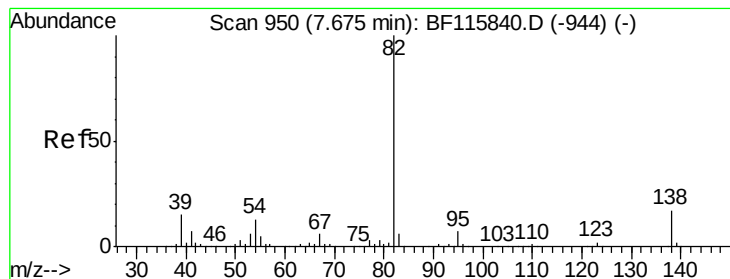
#24
 Nitrobenzene
 Concen: 42.532 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion: 77 Resp: 394353
 Ion Ratio Lower Upper
 77 100
 123 46.1 36.7 55.1
 65 13.2 10.6 16.0



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





#25

Isophorone

Concen: 43.267 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

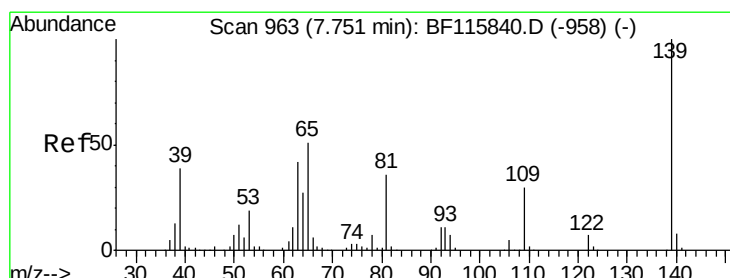
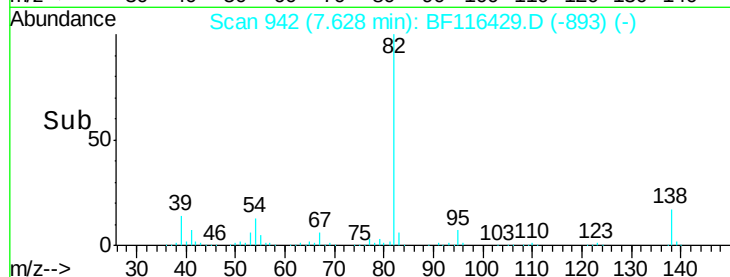
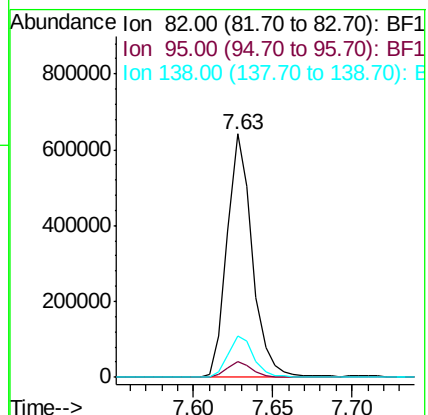
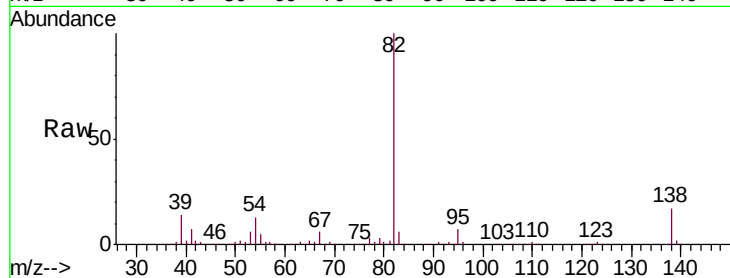
Tgt Ion: 82 Resp: 710433

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 17.2 14.5 21.7



#26

2-Nitrophenol

Concen: 44.399 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

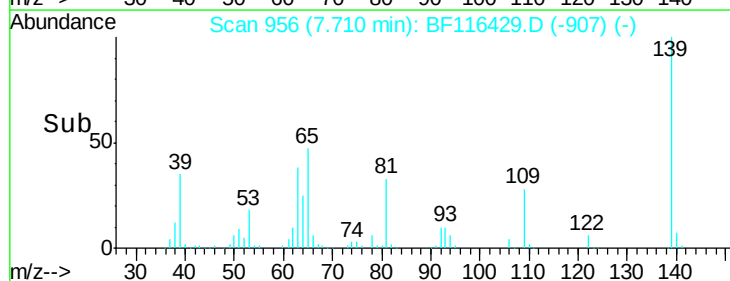
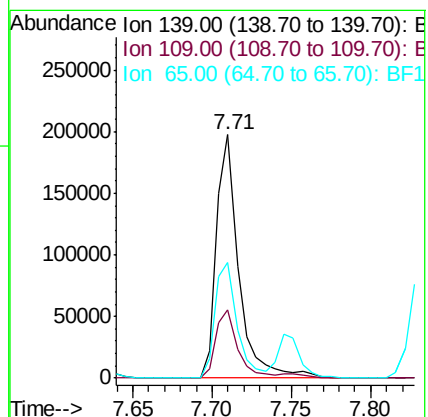
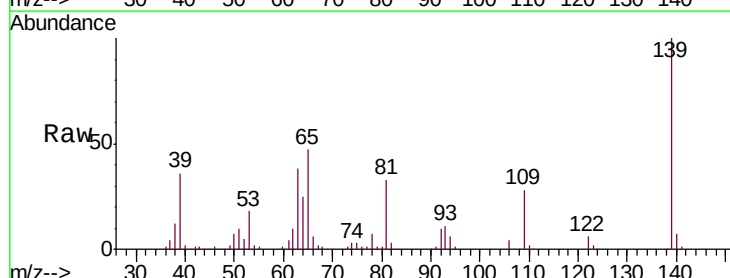
Tgt Ion: 139 Resp: 194051

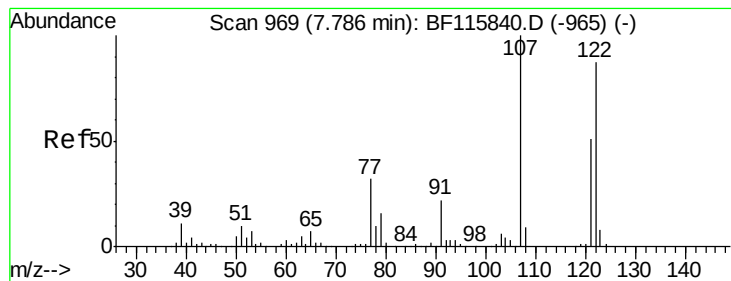
Ion Ratio Lower Upper

139 100

109 27.8 23.4 35.2

65 47.3 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 47.568 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

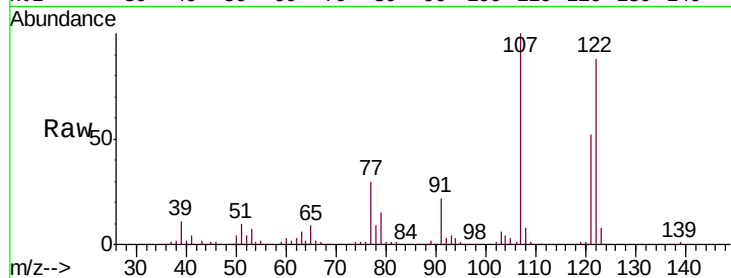
Tgt Ion:122 Resp: 312788

Ion Ratio Lower Upper

122 100

107 113.1 93.0 139.6

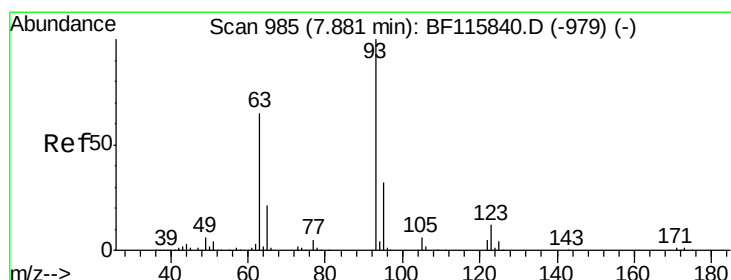
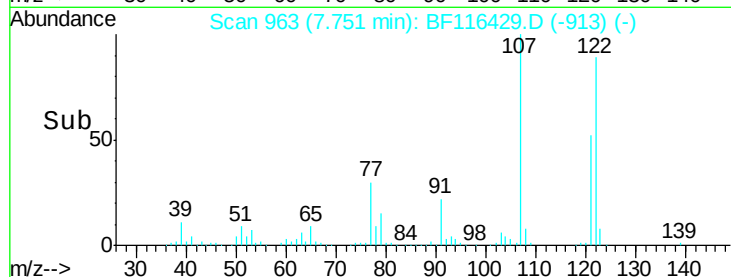
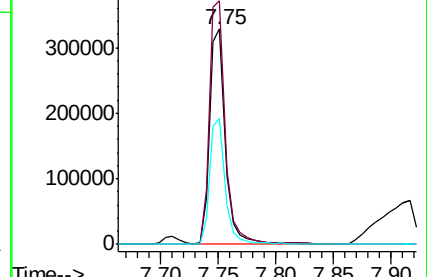
121 58.6 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.521 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

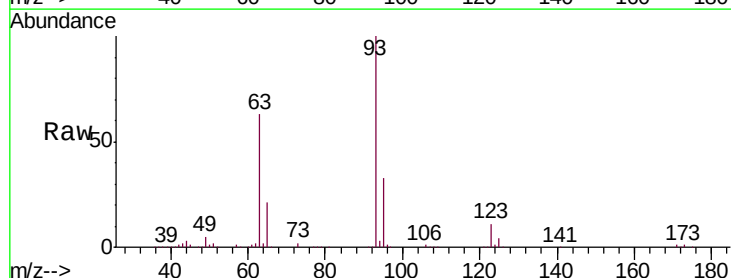
Tgt Ion: 93 Resp: 432745

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

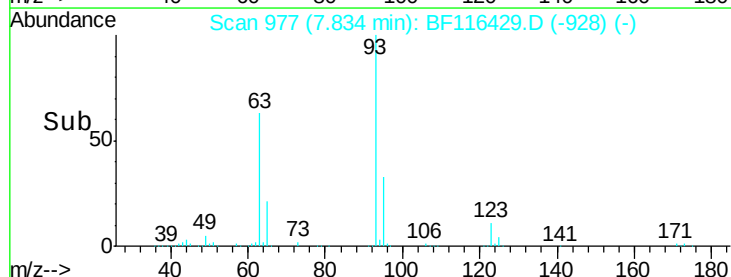
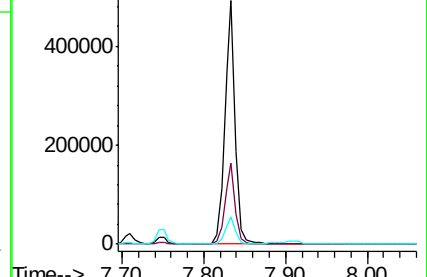
123 11.4 9.2 13.8

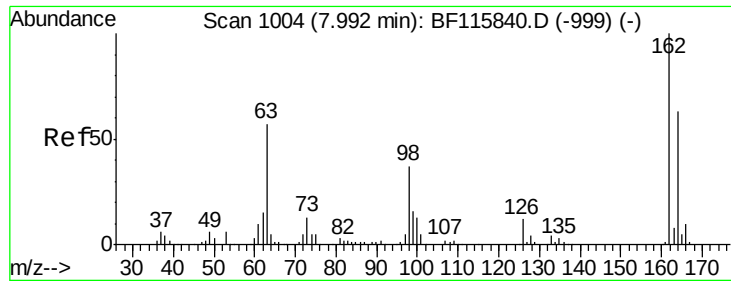


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

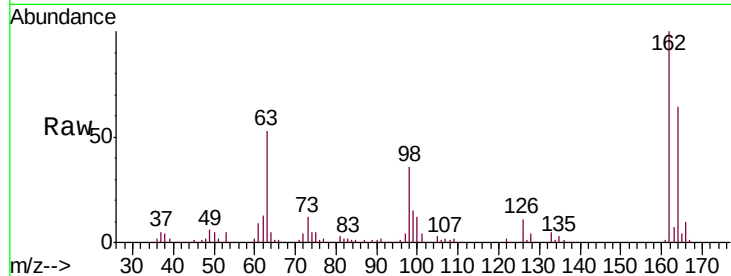




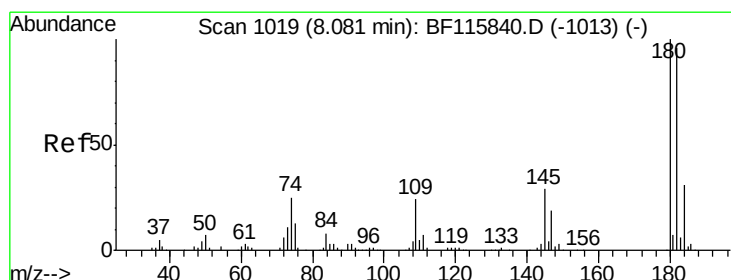
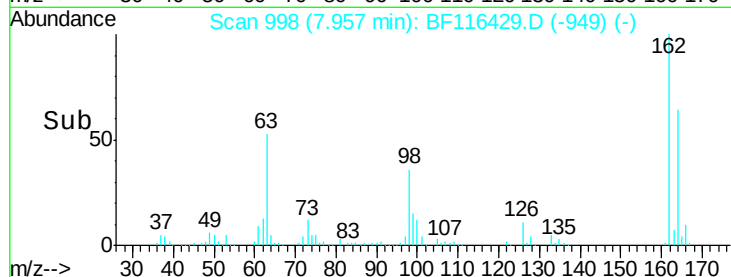
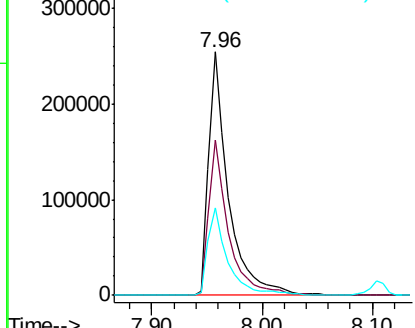
#29
2,4-Dichlorophenol
Concen: 44.226 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.1	85.1
98	36.1	15.8	55.8

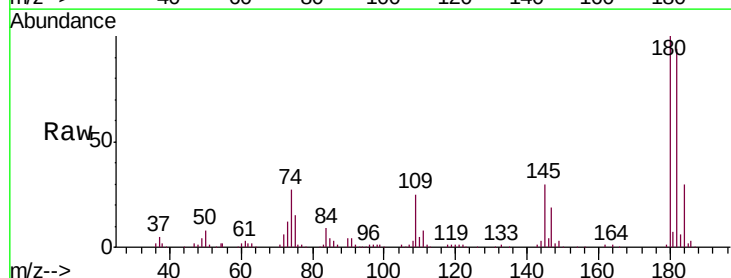


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

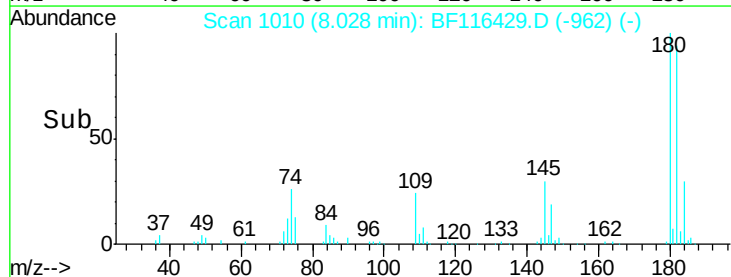
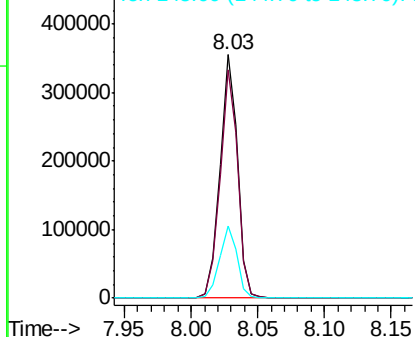


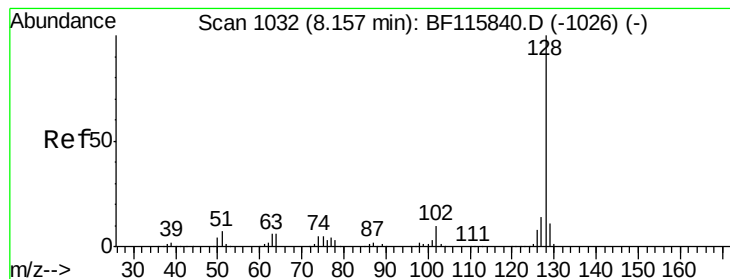
#30
1,2,4-Trichlorobenzene
Concen: 41.733 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.7	113.5
145	29.9	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: 43.860 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

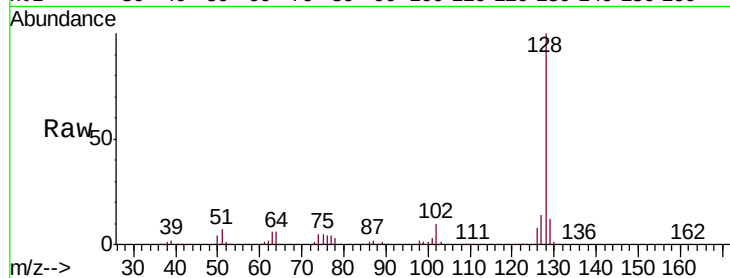
Tgt Ion:128 Resp: 1023043

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

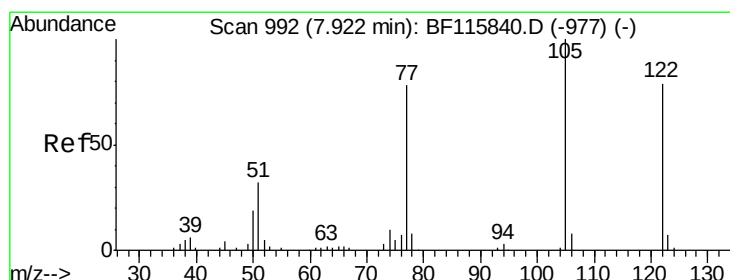
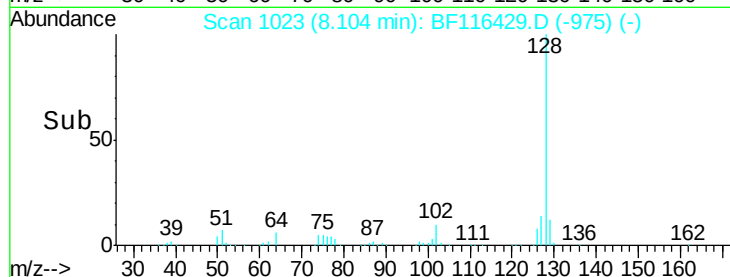
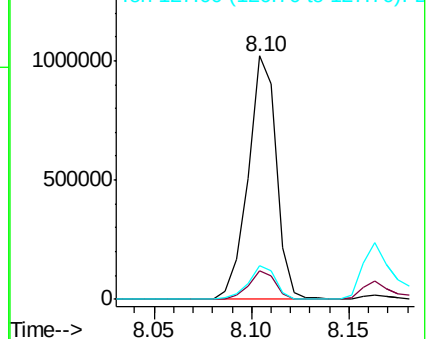
127 13.7 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.866 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

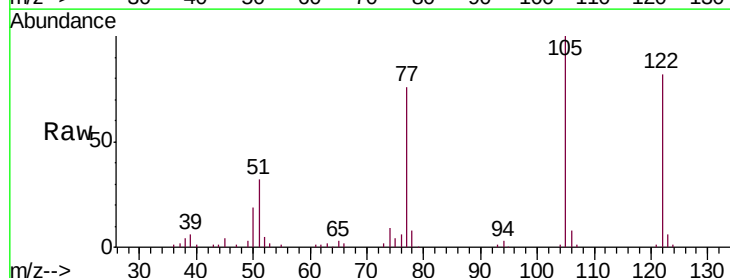
Tgt Ion:122 Resp: 161635

Ion Ratio Lower Upper

122 100

105 122.5 106.1 146.1

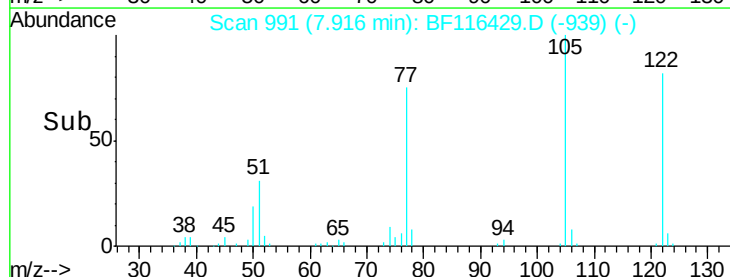
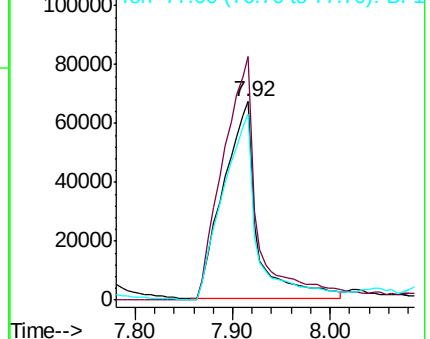
77 93.5 76.7 116.7

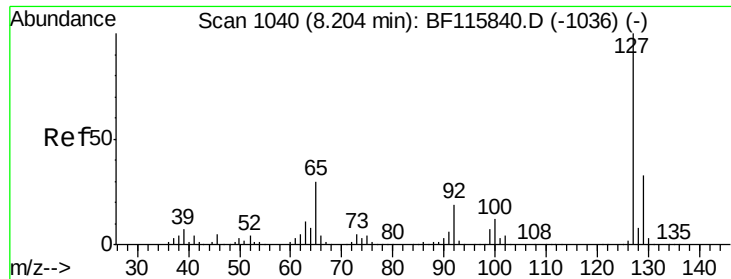


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

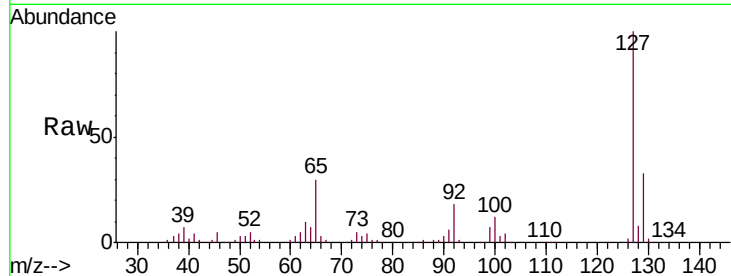




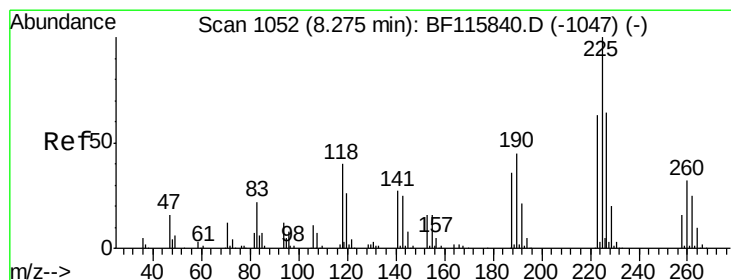
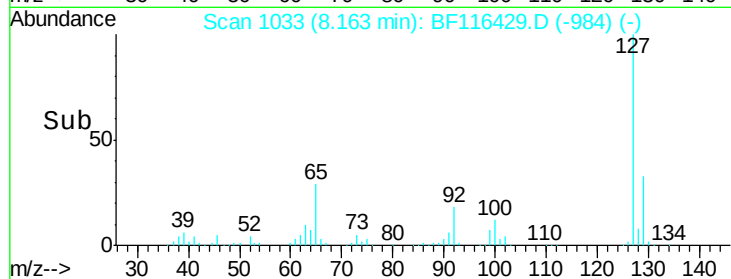
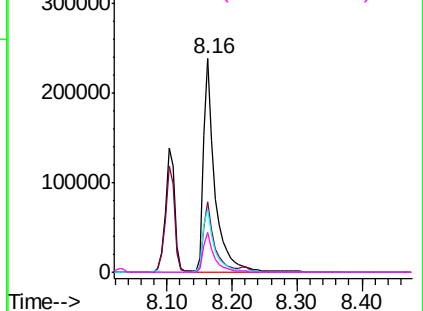
#33
4-Chloroaniline
Concen: 28.081 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion:	127	Resp:	292654
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	29.7	24.9	37.3
92	18.4	15.7	23.5

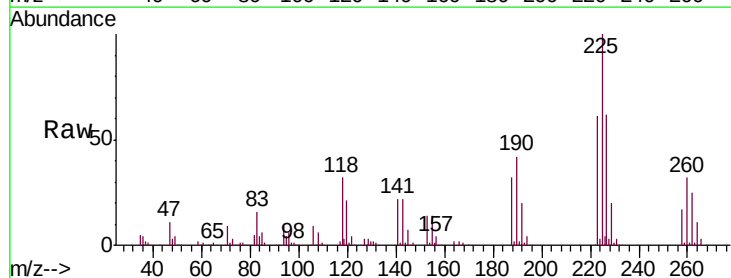


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

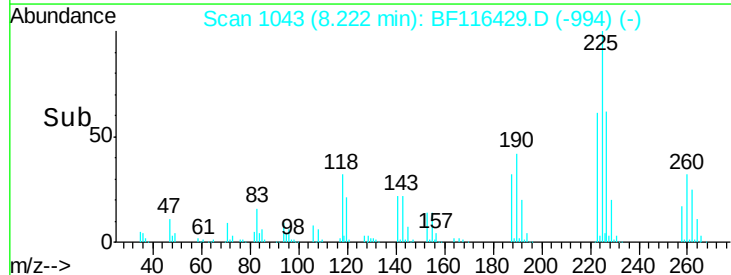
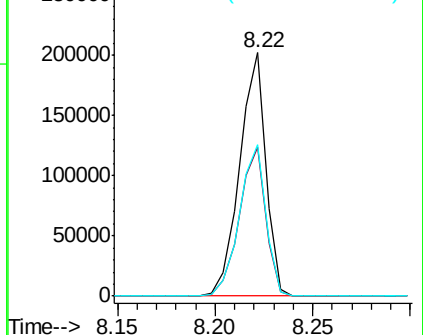


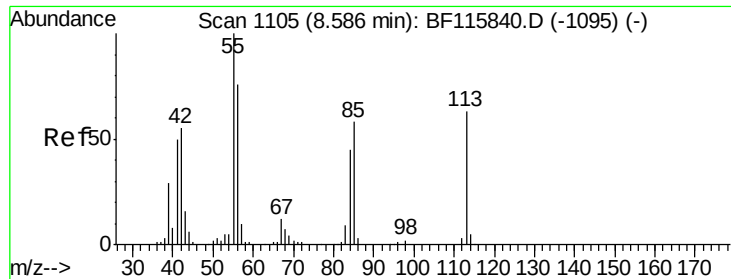
#34
Hexachlorobutadiene
Concen: 41.227 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion:	225	Resp:	187935
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.0	75.0
227	62.4	51.0	76.4



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

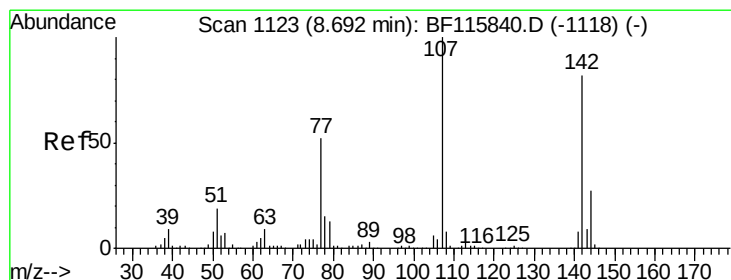
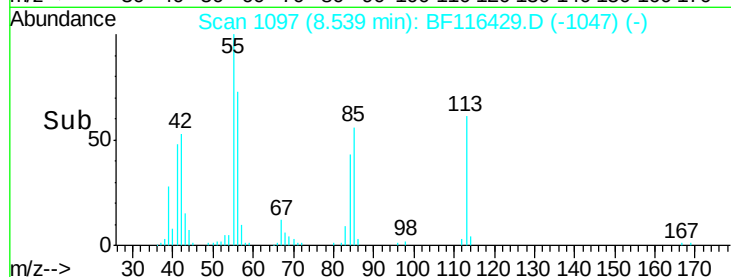
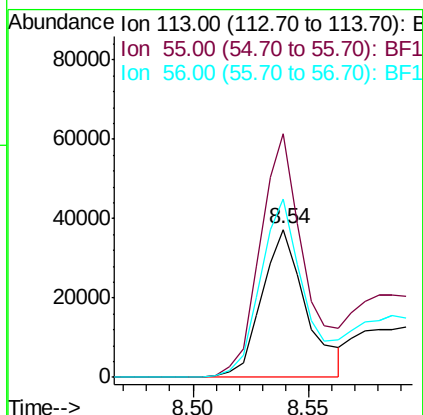
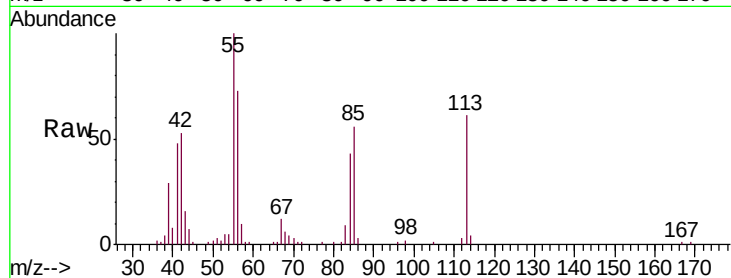




#35
 Caprolactam
 Concen: 22.179 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

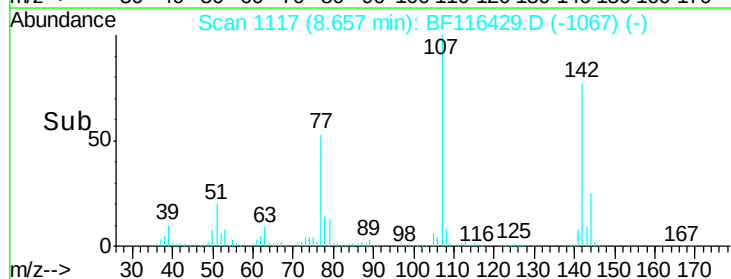
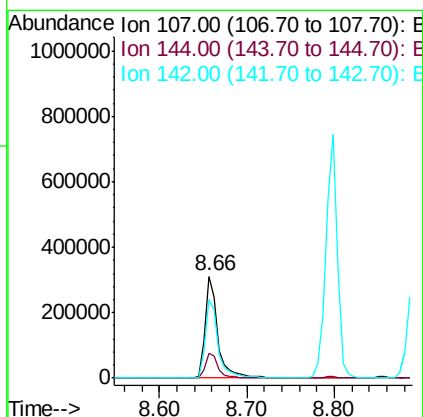
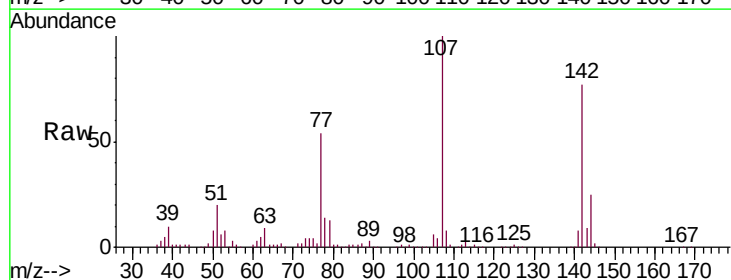
Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

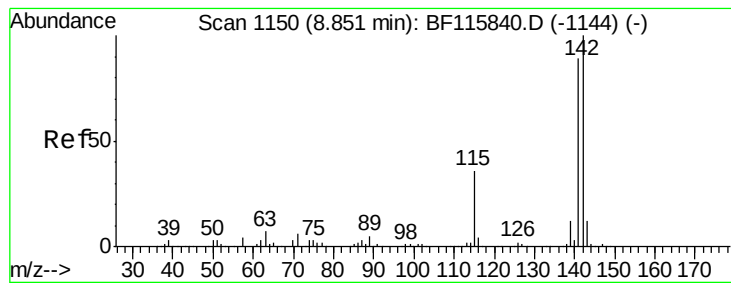
Tgt Ion:113 Resp: 49803
 Ion Ratio Lower Upper
 113 100
 55 164.3 144.3 184.3
 56 120.1 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.634 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion:107 Resp: 315156
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 77.5 61.7 92.5





#37

2-Methylnaphthalene

Concen: 43.972 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

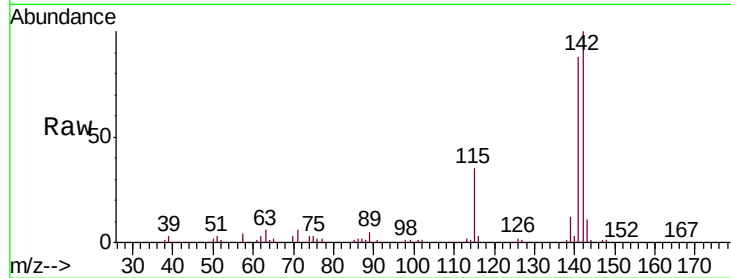
Tgt Ion:142 Resp: 675474

Ion Ratio Lower Upper

142 100

141 87.8 70.9 106.3

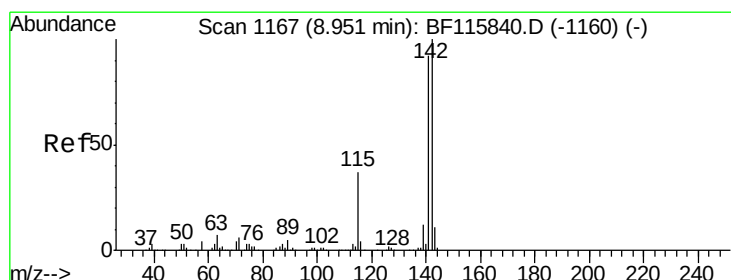
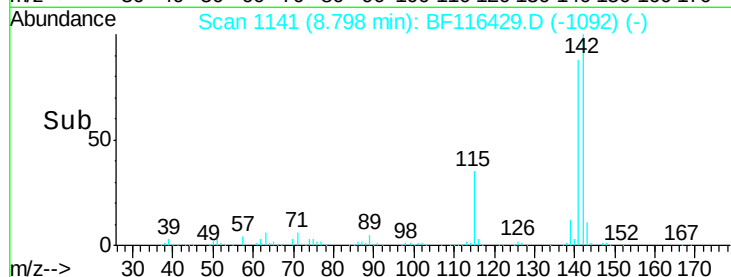
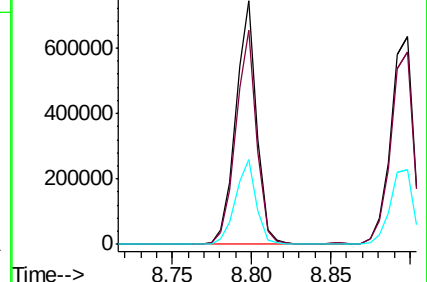
115 34.8 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.926 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

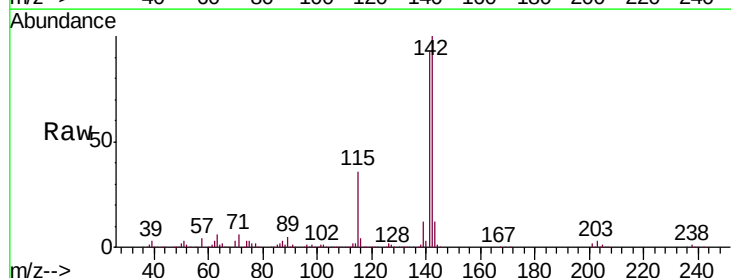
Tgt Ion:142 Resp: 623828

Ion Ratio Lower Upper

142 100

141 92.6 74.4 111.6

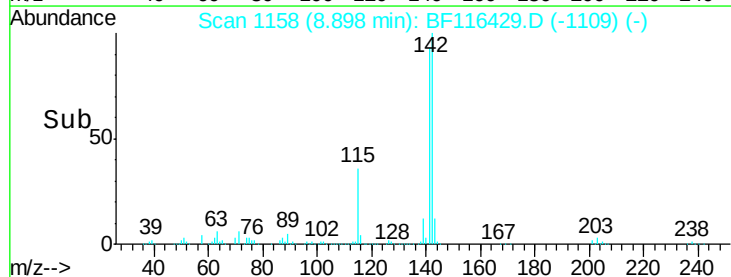
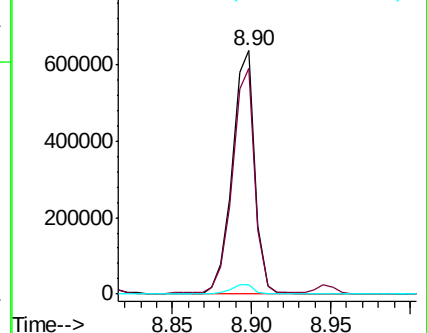
116 3.7 3.1 4.7

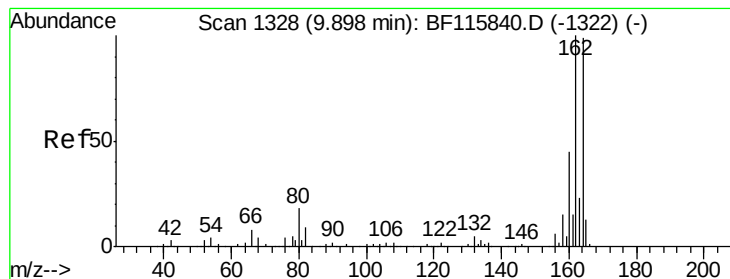


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

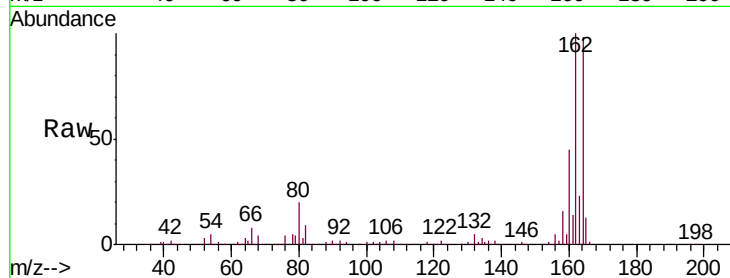
Tgt Ion:164 Resp: 261980

Ion Ratio Lower Upper

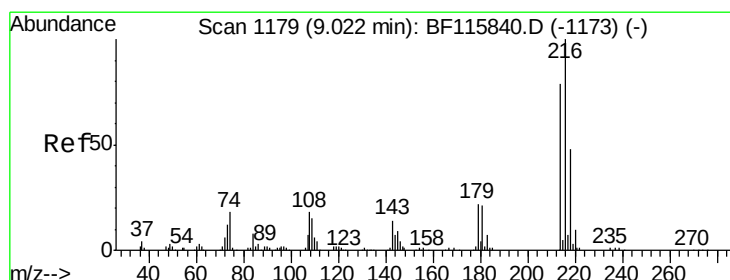
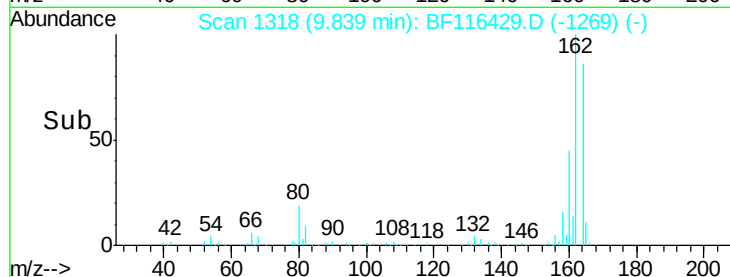
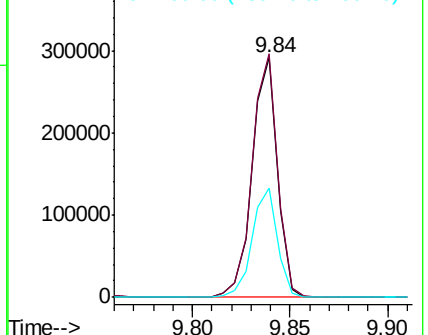
164 100

162 101.6 82.6 124.0

160 45.5 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: 44.432 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion:216 Resp: 311193

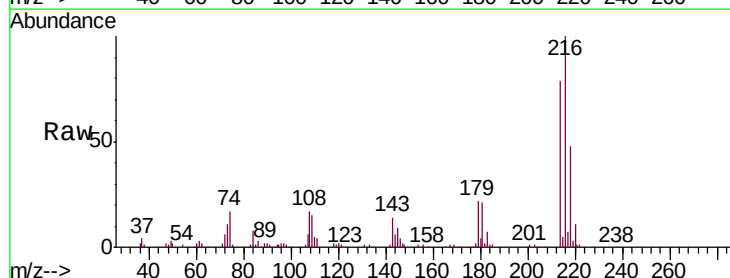
Ion Ratio Lower Upper

216 100

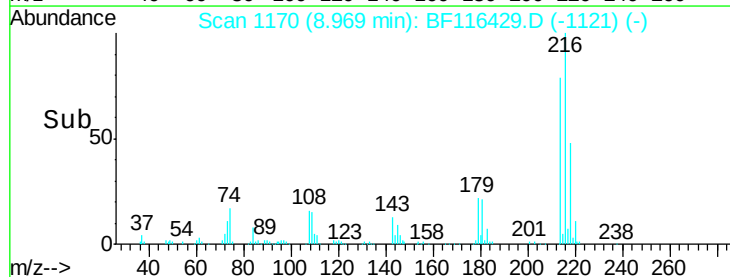
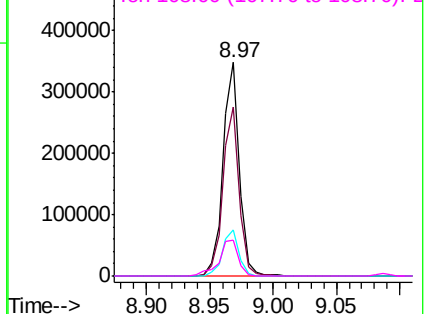
214 79.4 63.6 95.4

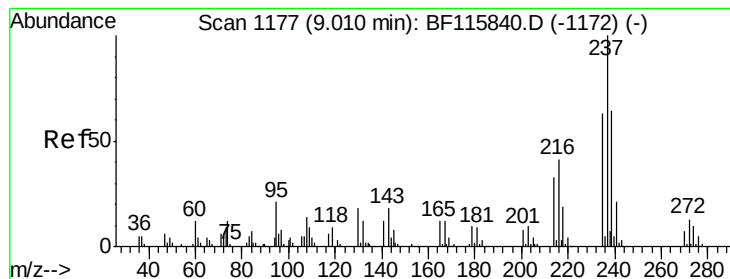
179 21.8 17.8 26.8

108 20.5 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: 47.902 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

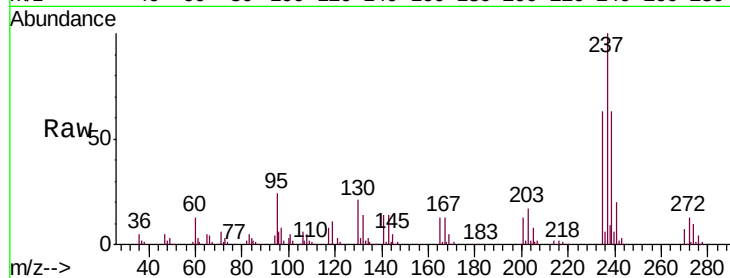
Tgt Ion: 237 Resp: 142546

Ion Ratio Lower Upper

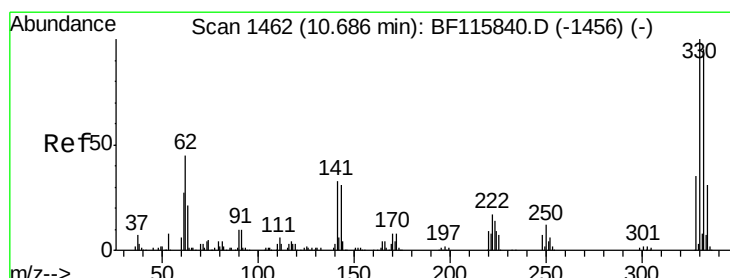
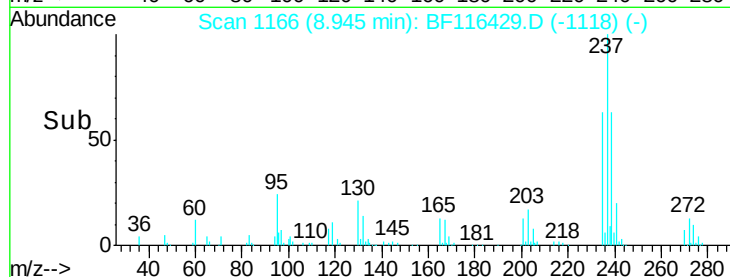
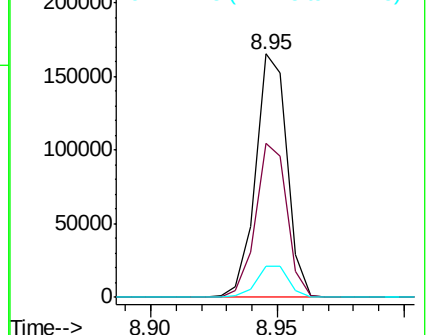
237 100

235 63.2 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: 107.962 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

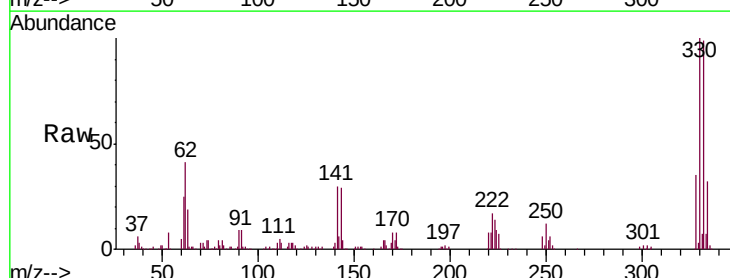
Tgt Ion: 330 Resp: 274221

Ion Ratio Lower Upper

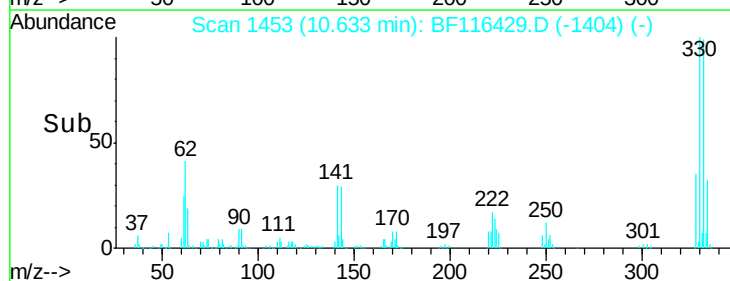
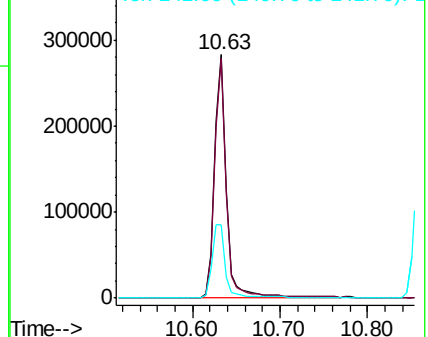
330 100

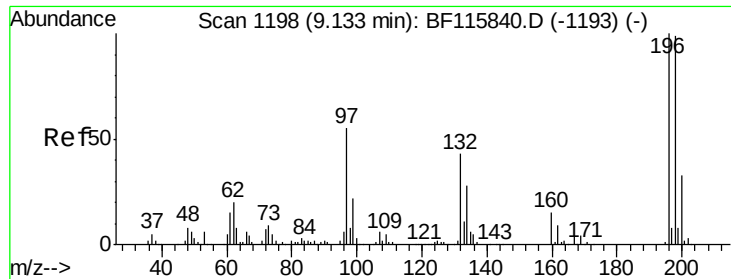
332 98.0 76.8 115.2

141 32.8 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

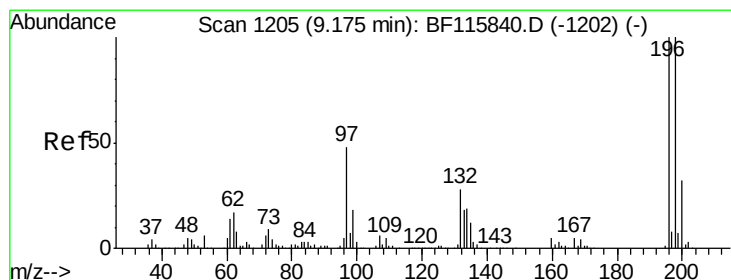
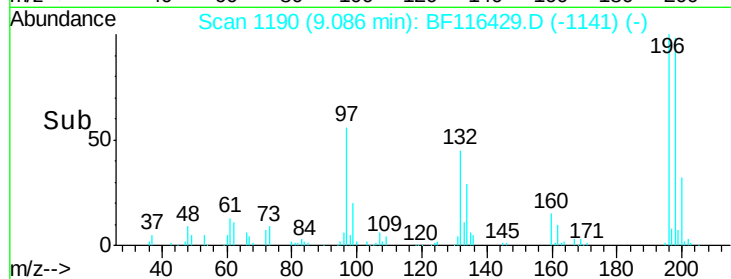
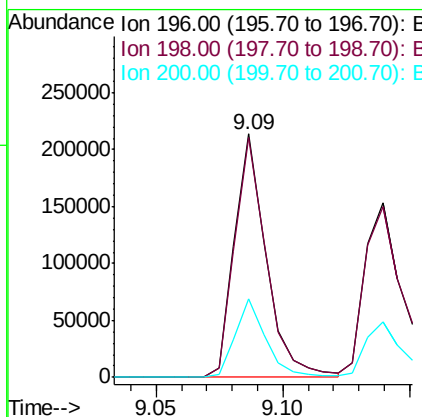
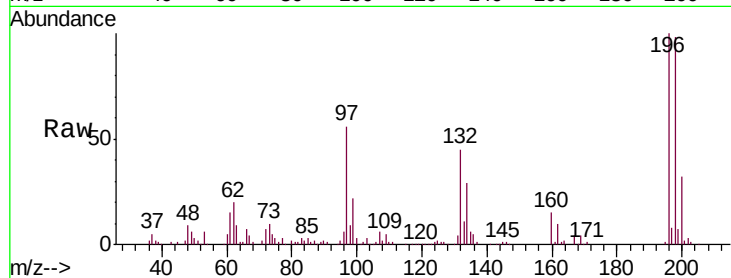




#43
 2,4,6-Trichlorophenol
 Concen: 38.636 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

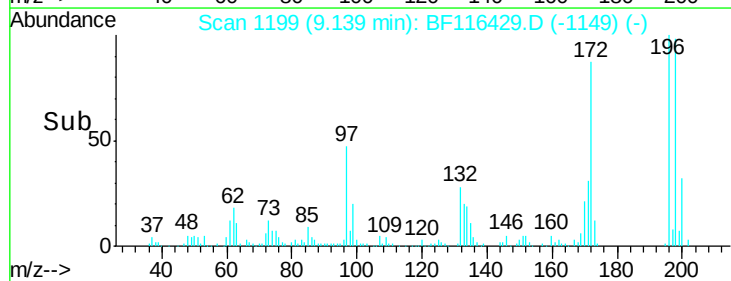
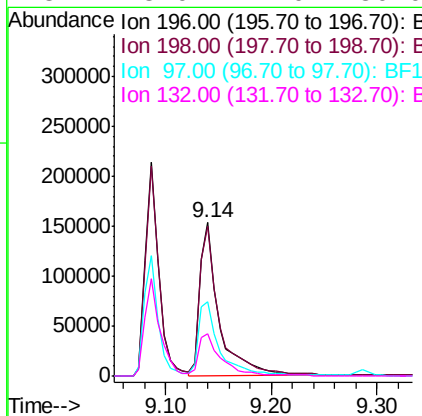
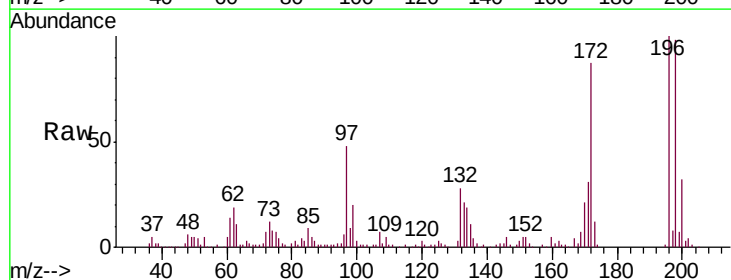
Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

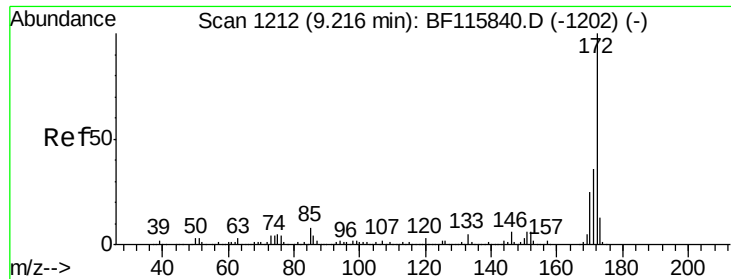
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	79.2	118.8
200	32.3	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 38.348 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.8	118.2
97	48.1	42.2	63.4
132	28.0	24.0	36.0

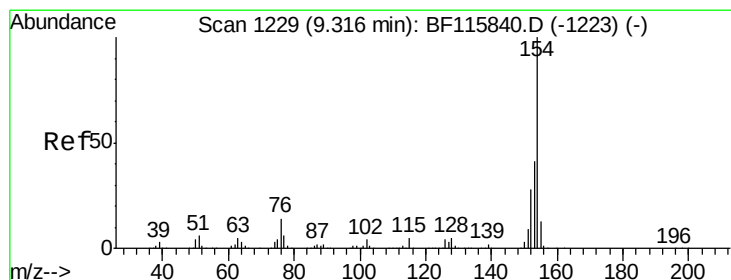
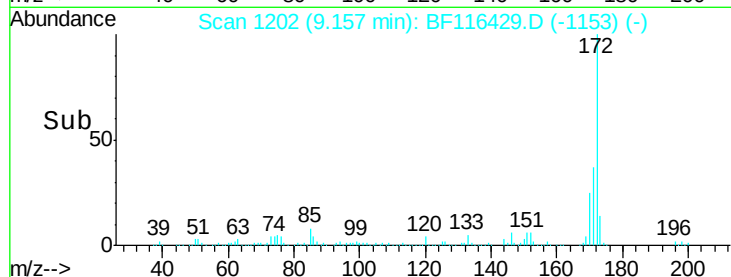
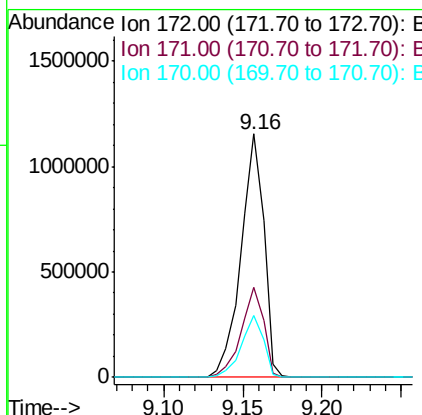
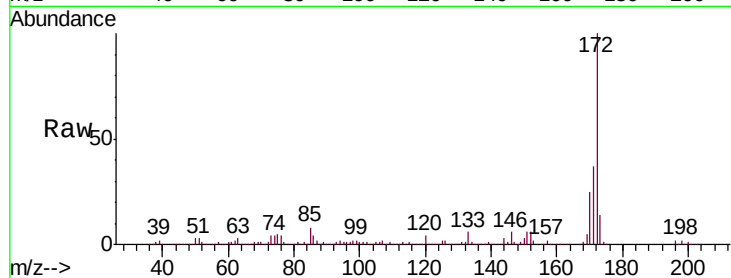




#45
2-Fluorobiphenyl
Concen: 82.594 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

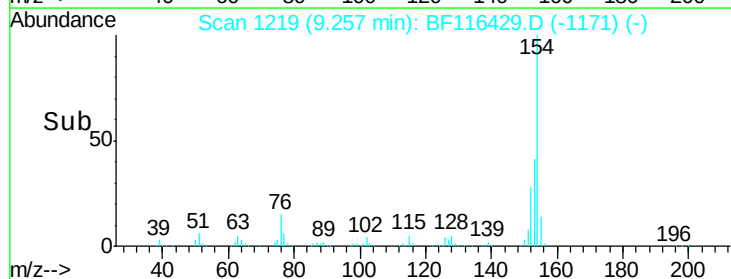
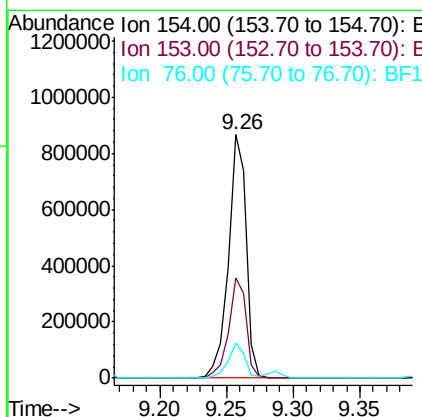
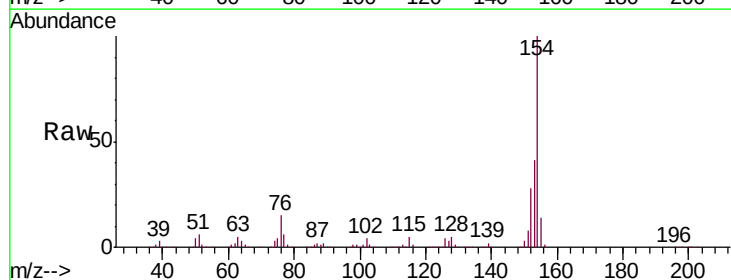
Instrument :
BNA_F
ClientSampleId :
PB122210BS

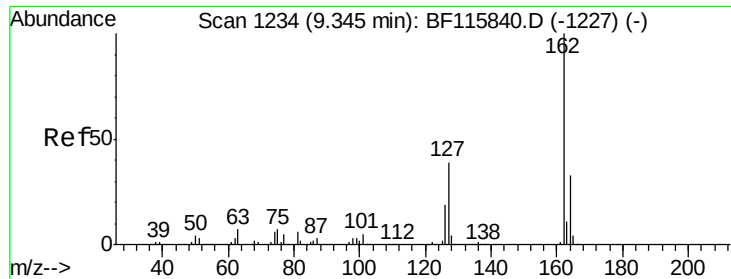
Tgt Ion:172 Resp: 1155207
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 25.3 20.1 30.1



#46
1,1'-Biphenyl
Concen: 44.191 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion:154 Resp: 817338
Ion Ratio Lower Upper
154 100
153 41.2 21.4 61.4
76 14.6 0.0 35.2

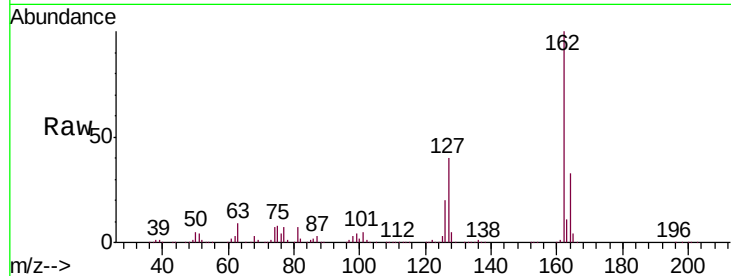




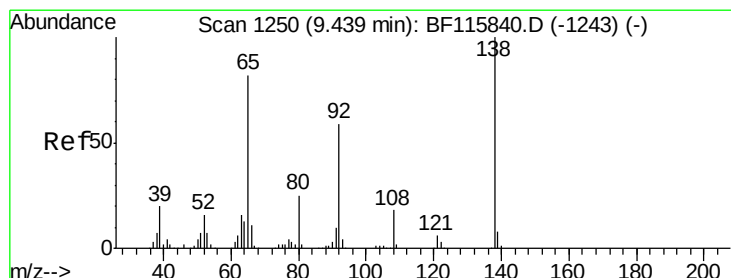
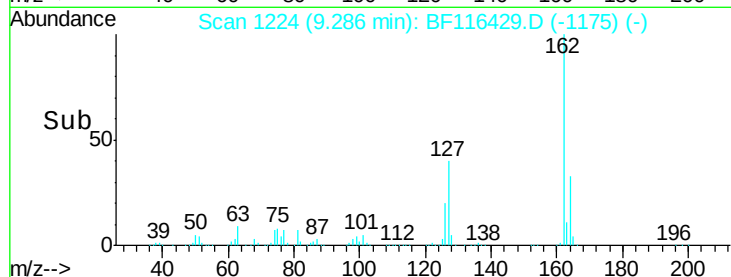
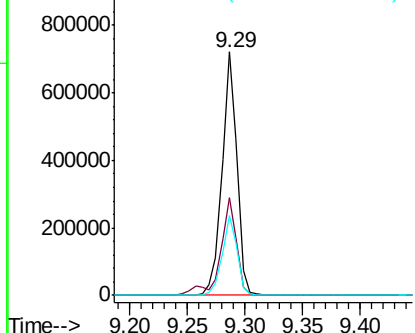
#47
 2-Chloronaphthalene
 Concen: 42.003 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.8	49.2
164	33.0	26.6	39.8

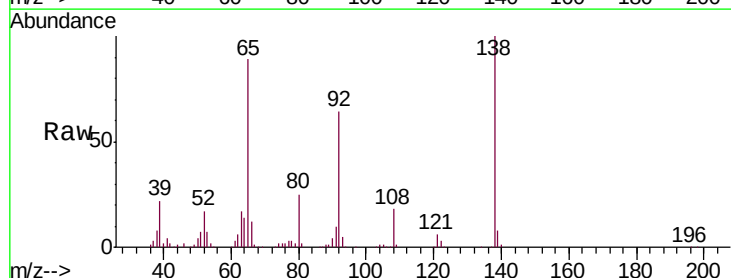


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

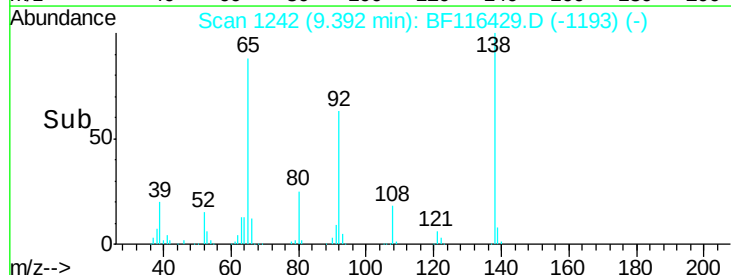
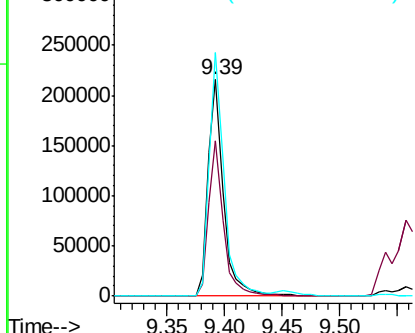


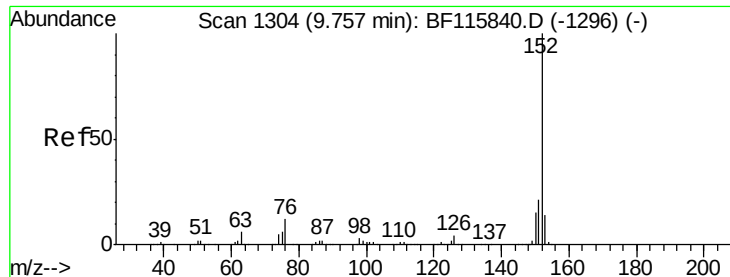
#48
 2-Nitroaniline
 Concen: 39.350 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	57.8	86.8
138	112.4	94.0	141.0



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





#49

Acenaphthylene

Concen: 41.969 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

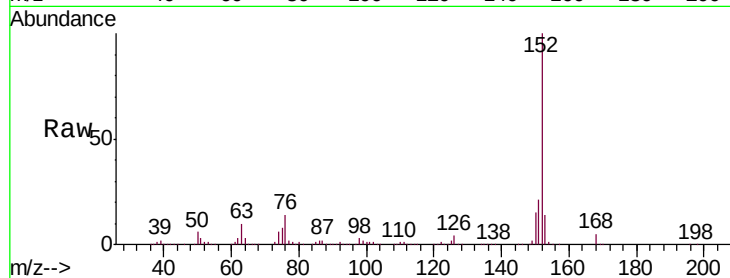
Tgt Ion:152 Resp: 942548

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

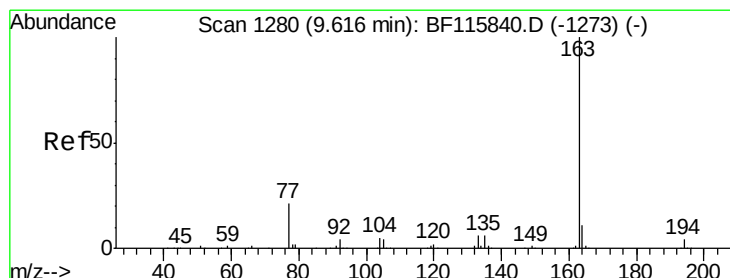
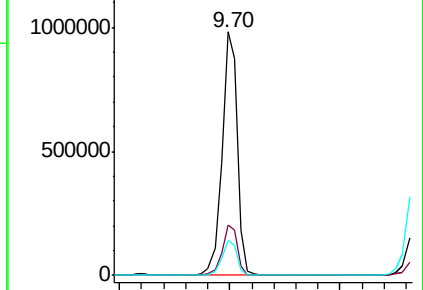
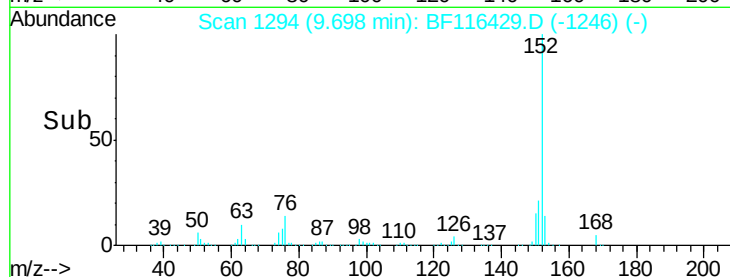
153 14.4 11.8 17.8



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: 41.568 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

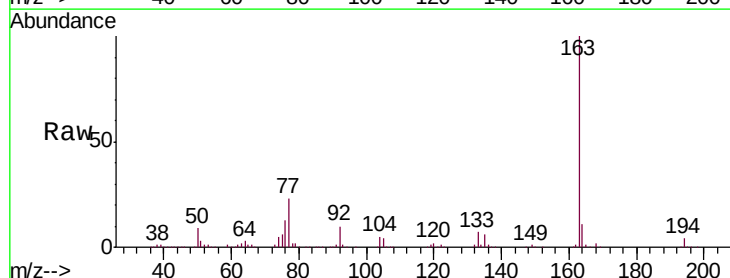
Tgt Ion:163 Resp: 741487

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

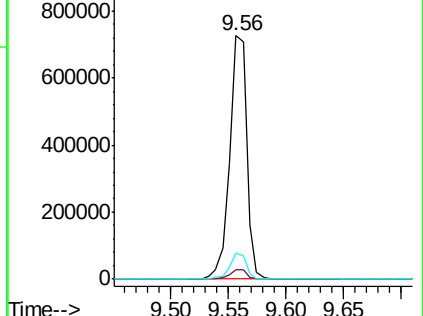
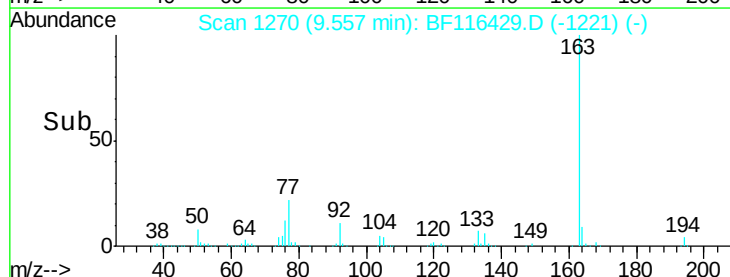
164 10.6 8.4 12.6

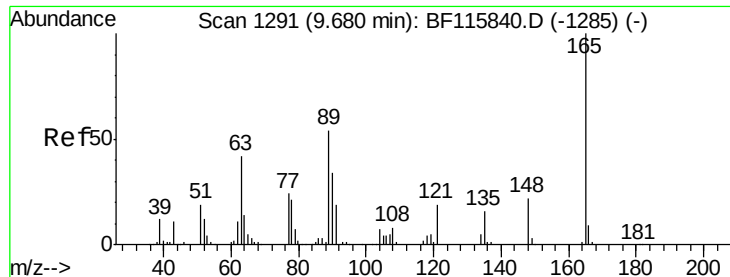


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

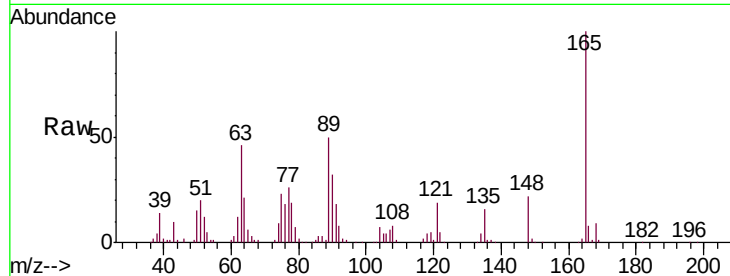




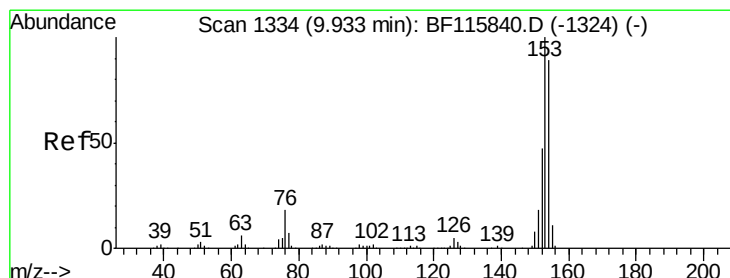
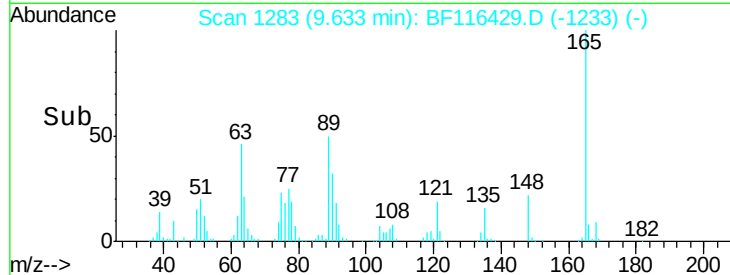
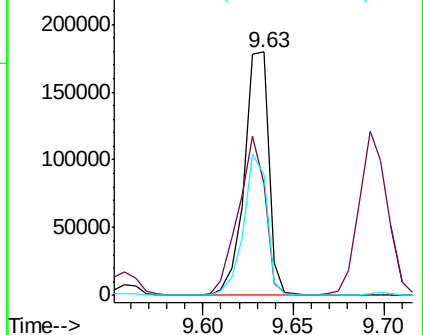
#51
 2,6-Dinitrotoluene
 Concen: 43.217 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.2	38.2	57.2
89	49.6	42.9	64.3

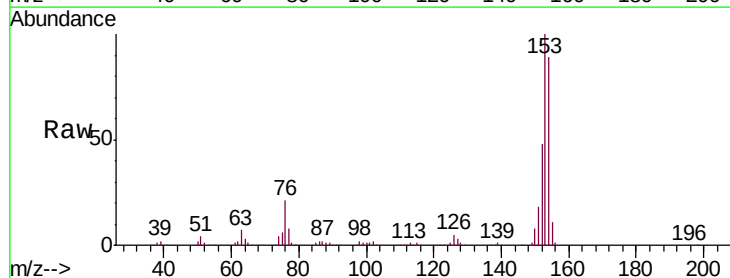


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

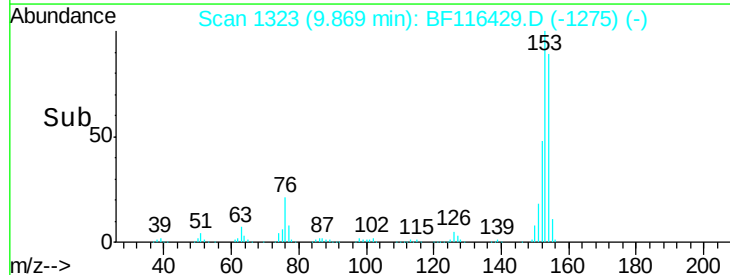
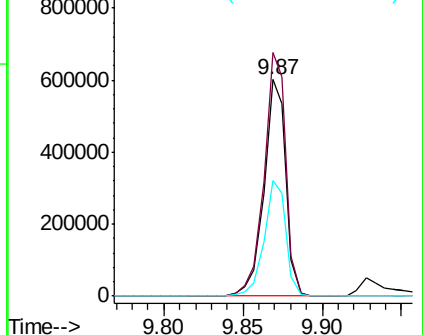


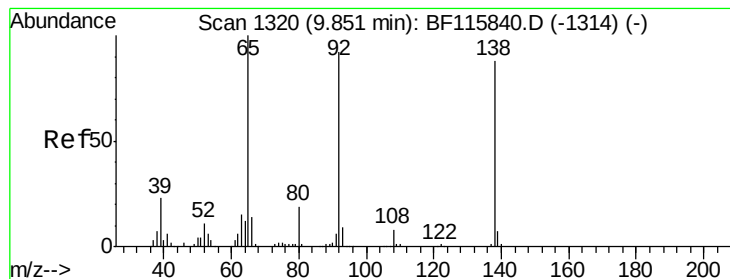
#52
 Acenaphthene
 Concen: 42.041 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.4	134.0
152	53.6	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: 27.770 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

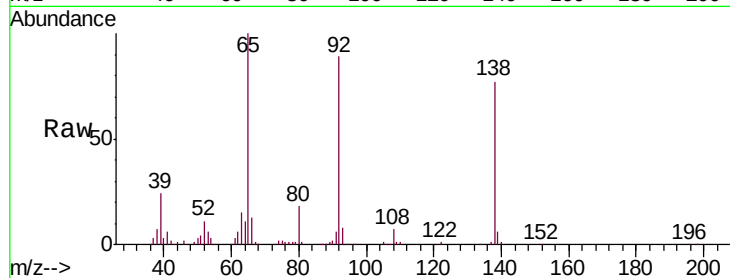
Tgt Ion:138 Resp: 133017

Ion Ratio Lower Upper

138 100

108 9.7 8.0 12.0

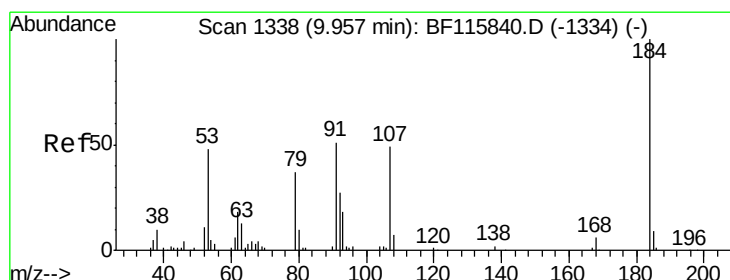
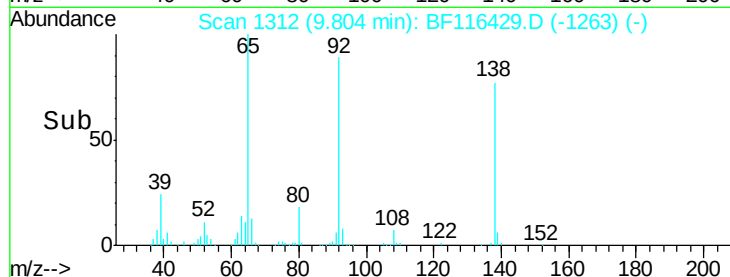
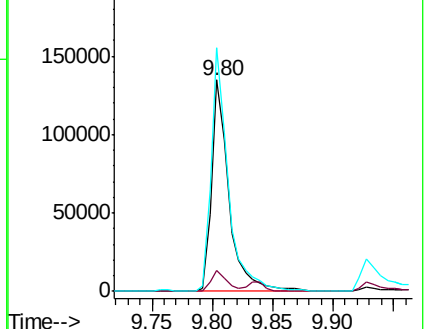
92 115.3 91.0 136.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 60.030 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

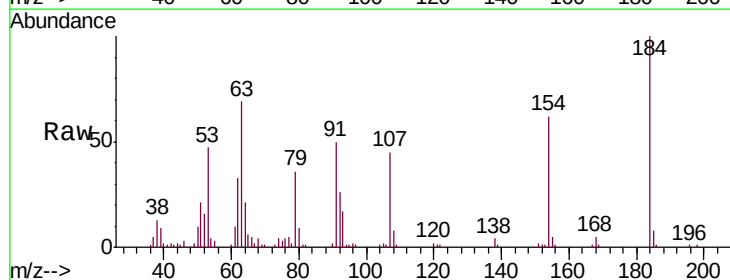
Tgt Ion:184 Resp: 114097

Ion Ratio Lower Upper

184 100

63 68.7 53.0 79.4

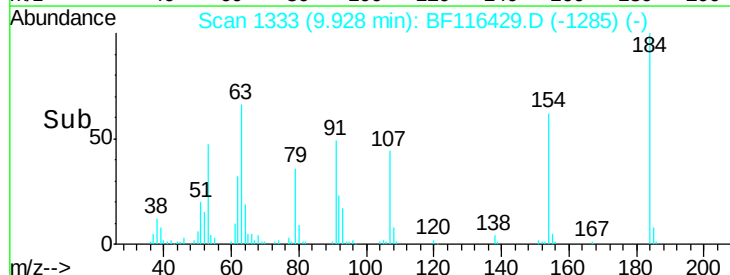
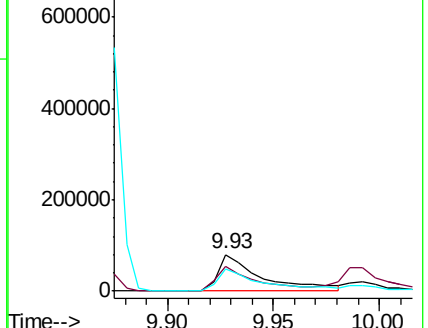
154 61.9 50.1 75.1

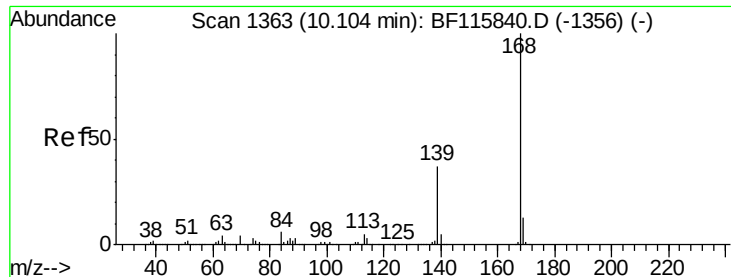


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

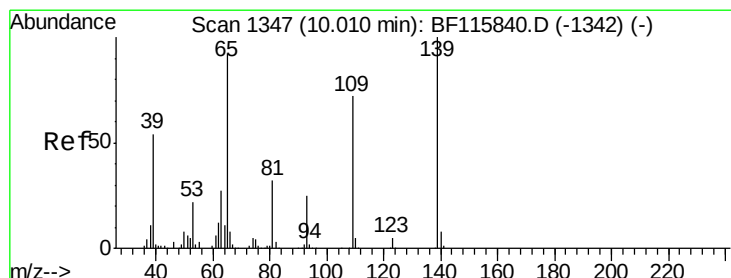
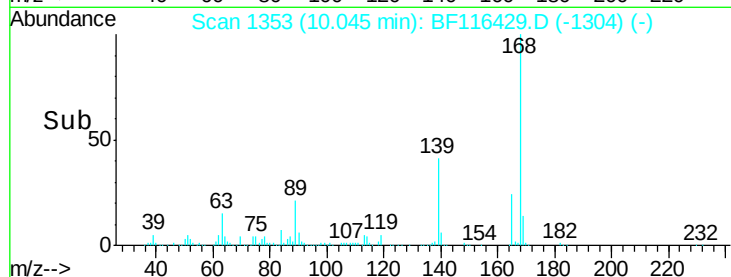
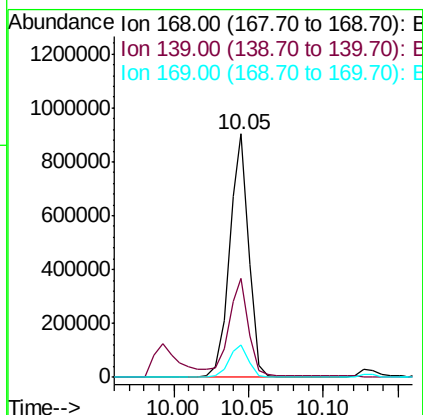
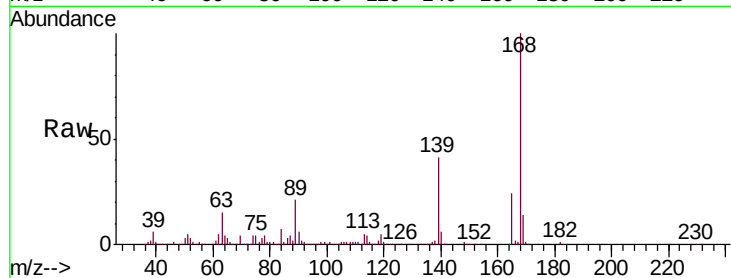




#55
Dibenzofuran
Concen: 40.564 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

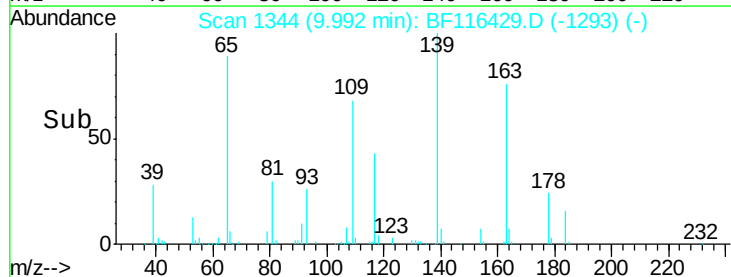
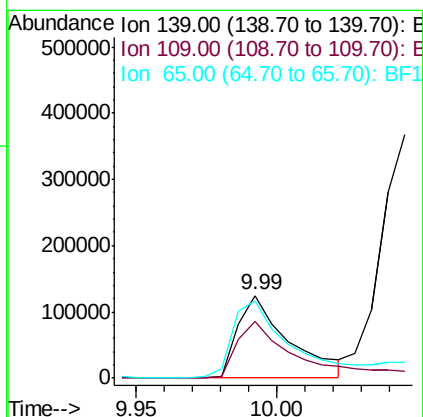
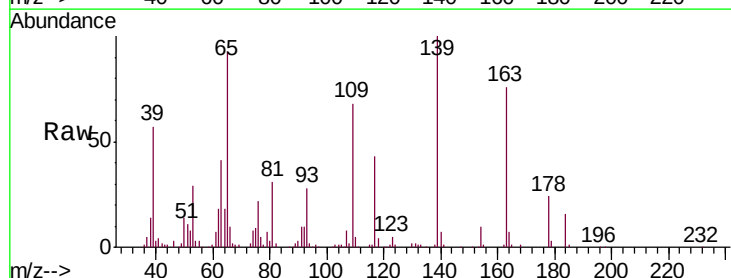
Instrument :
BNA_F
ClientSampleId :
PB122210BS

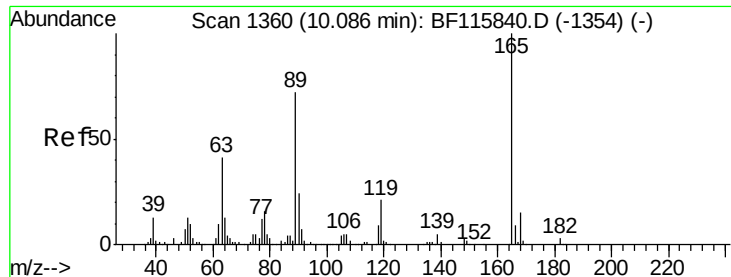
Tgt Ion:168 Resp: 812769
Ion Ratio Lower Upper
168 100
139 40.7 31.4 47.2
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 51.211 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion:139 Resp: 157137
Ion Ratio Lower Upper
139 100
109 68.4 54.4 94.4
65 93.3 80.6 120.6





#57

2,4-Dinitrotoluene

Concen: 38.572 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

Tgt Ion:165 Resp: 199079

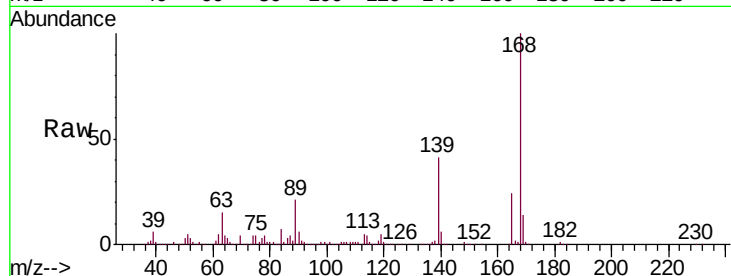
Ion Ratio Lower Upper

165 100

63 59.9 39.6 59.4#

89 84.2 62.2 93.2

182 2.7 2.1 3.1

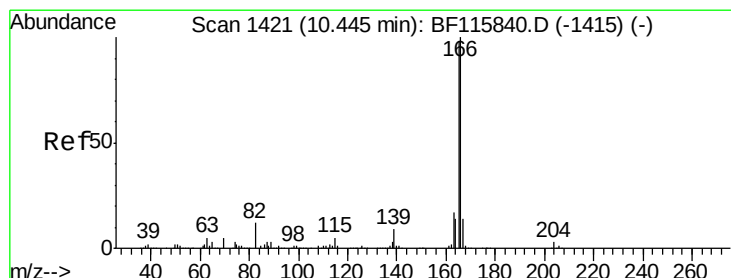
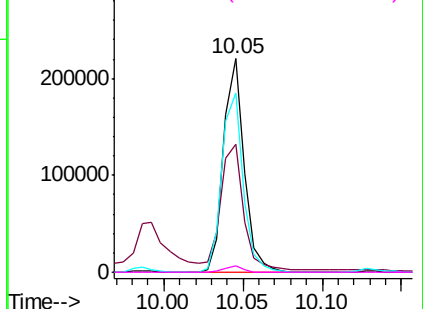
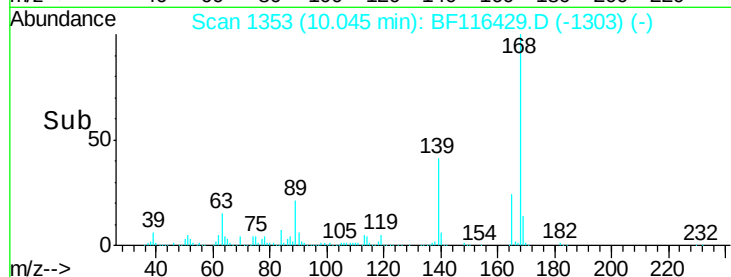


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.622 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

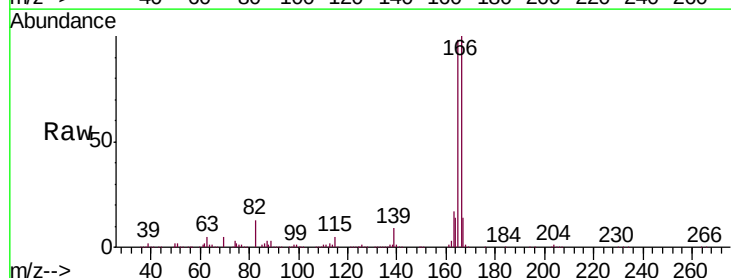
Tgt Ion:166 Resp: 672451

Ion Ratio Lower Upper

166 100

165 98.3 78.4 117.6

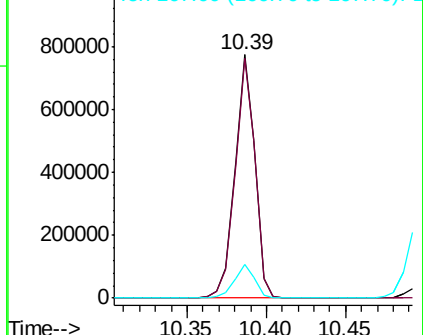
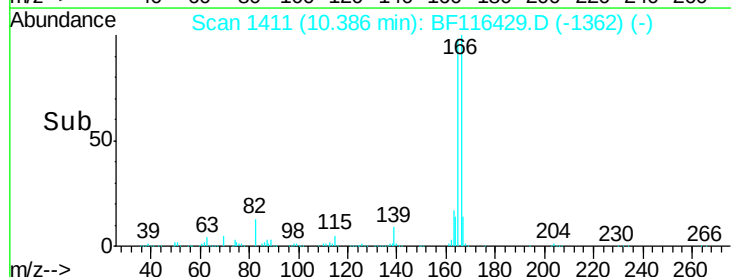
167 13.8 11.0 16.4

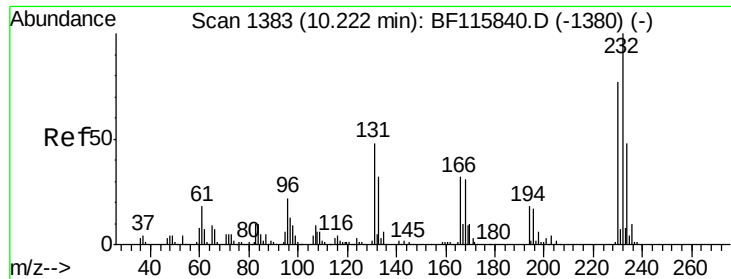


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

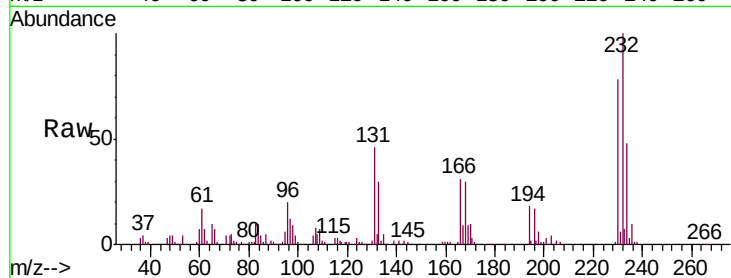




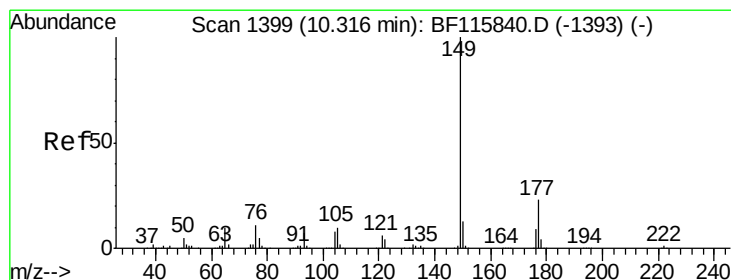
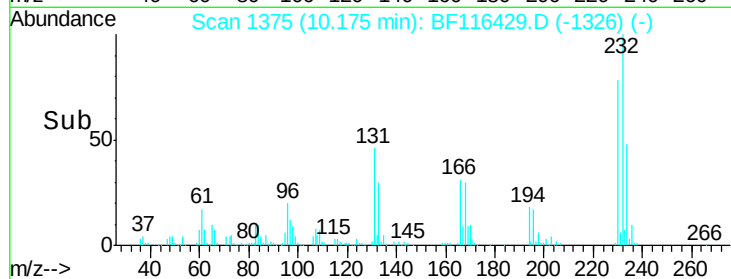
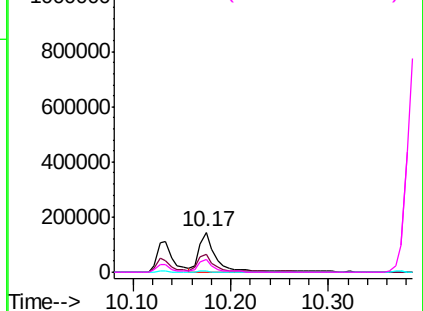
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.533 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Tgt Ion:	232	Resp:	169934
Ion	Ratio	Lower	Upper
232	100		
131	43.4	36.2	54.2
130	2.4	1.9	2.9
166	28.2	23.0	34.4

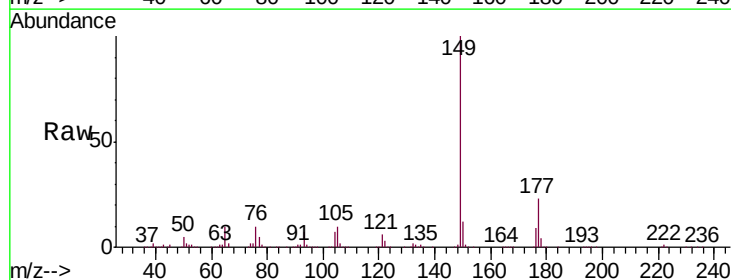


Abundance Ion 232.00 (231.70 to 232.70): E
 1200000
 1000000
 800000
 600000
 400000
 200000
 0

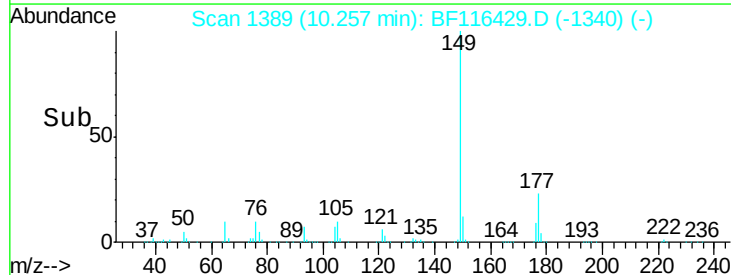
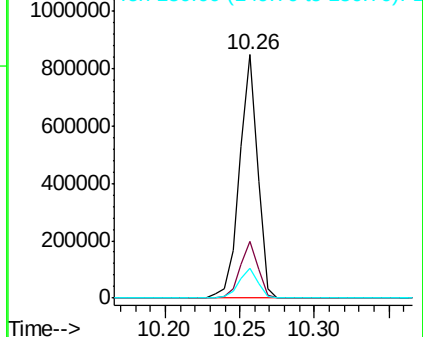


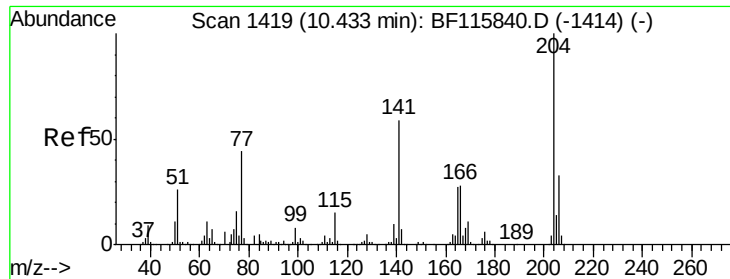
#60
 Diethylphthalate
 Concen: 43.321 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion:	149	Resp:	721460
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.8	28.2
150	12.5	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 1000000
 800000
 600000
 400000
 200000
 0

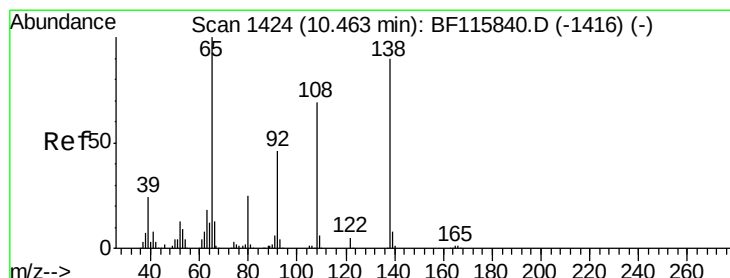
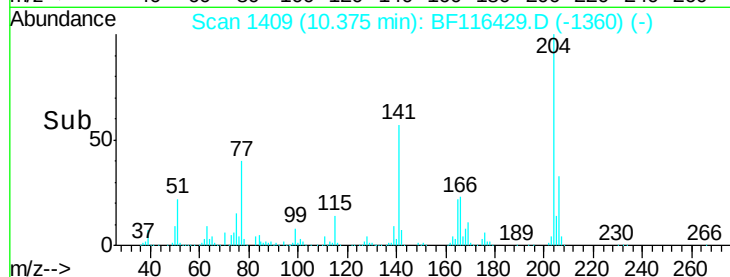
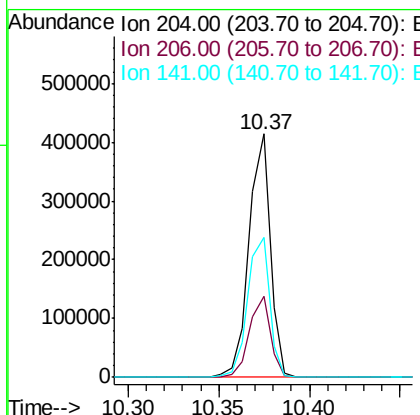
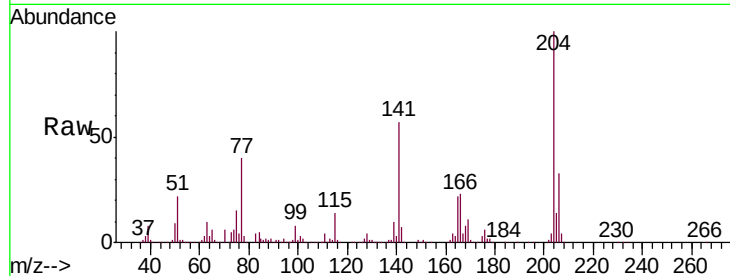




#61
 4-Chlorophenyl-phenylether
 Concen: 43.471 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

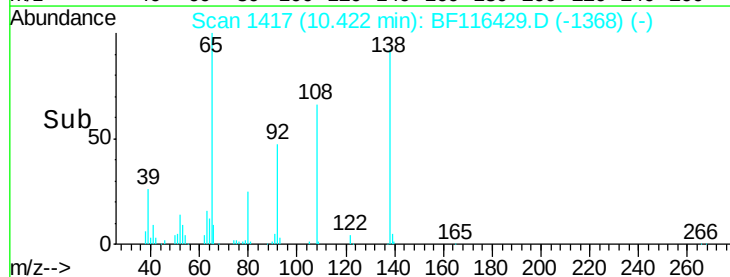
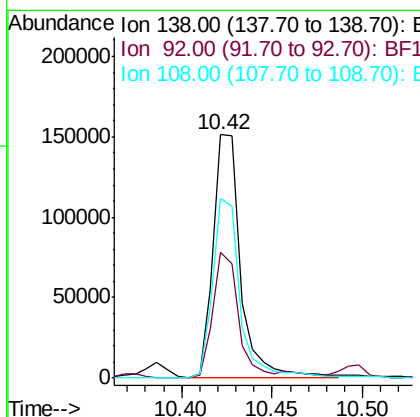
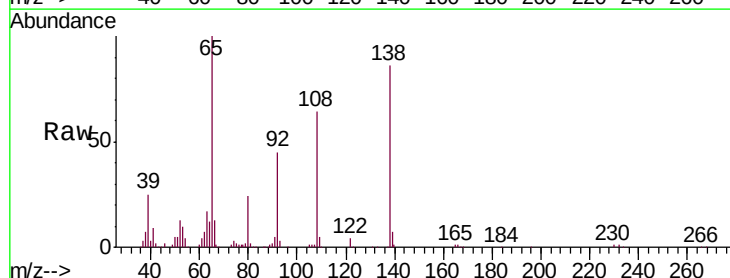
Instrument :
 BNA_F
 ClientSampleID :
 PB122210BS

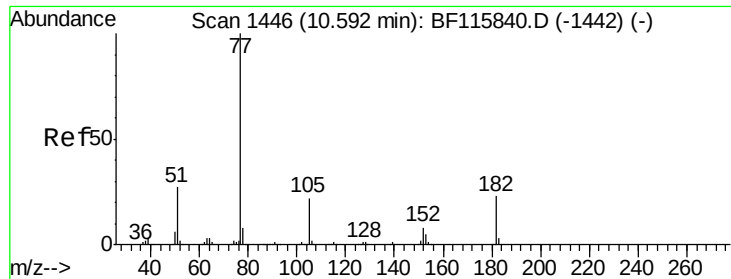
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	57.3	46.4	69.6



#62
 4-Nitroaniline
 Concen: 32.498 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	29.0	69.0
108	73.8	54.7	94.7





#63

Azobenzene

Concen: 43.321 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

Tgt Ion: 77 Resp: 742074

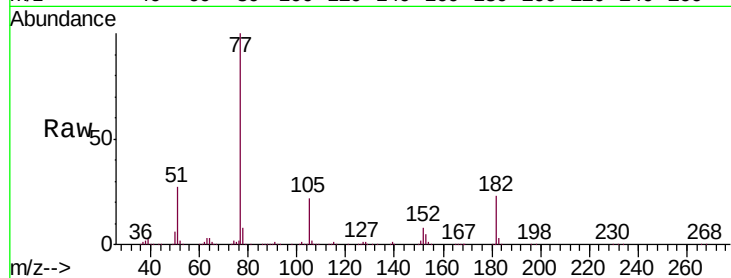
Ion Ratio Lower Upper

77 100

182 22.5 4.0 44.0

105 21.8 2.0 42.0

51 26.8 7.5 47.5

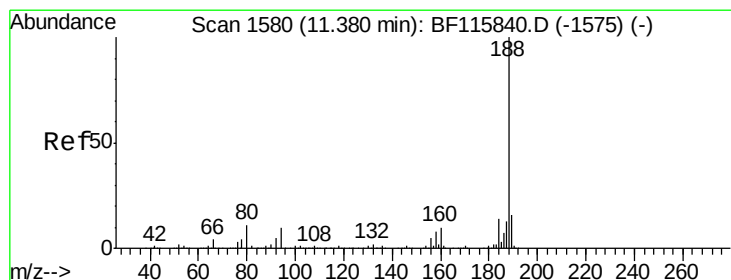
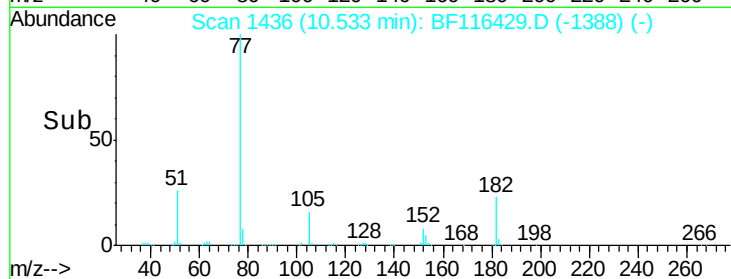
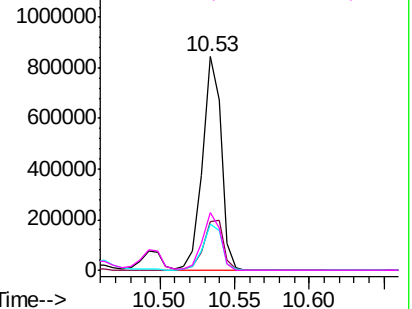


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

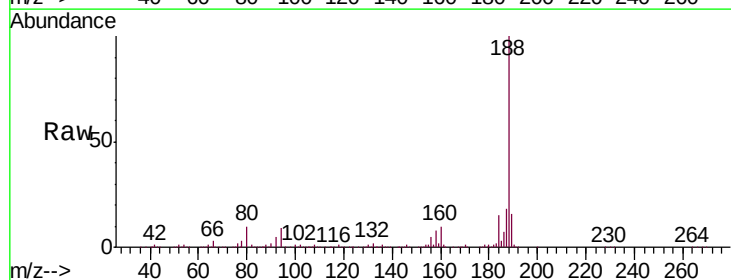
Tgt Ion: 188 Resp: 448071

Ion Ratio Lower Upper

188 100

94 9.1 8.1 12.1

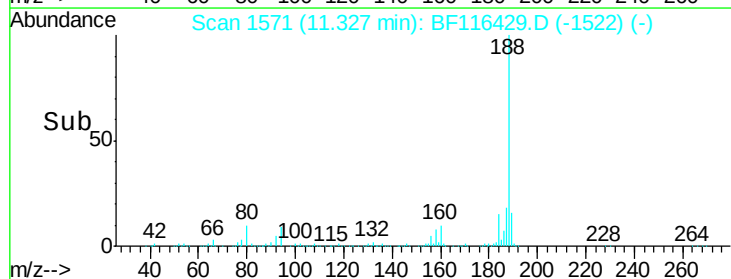
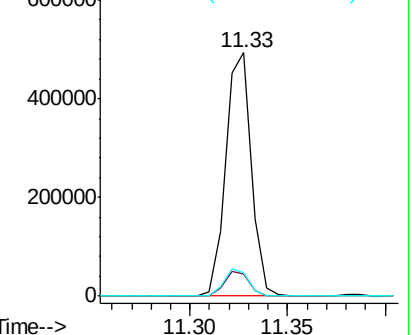
80 9.7 8.7 13.1

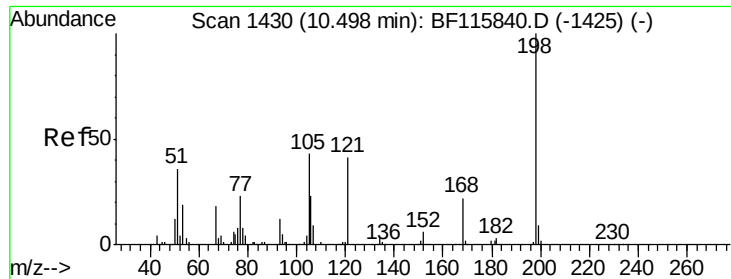


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.392 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

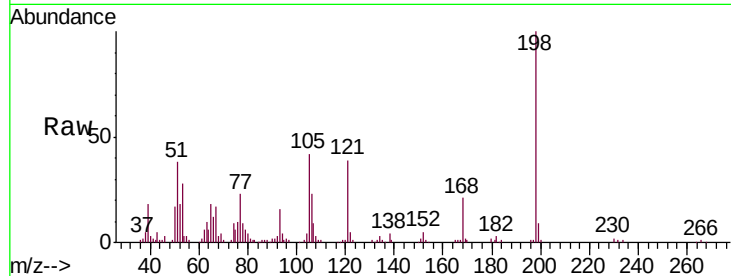
Tgt Ion:198 Resp: 103034

Ion Ratio Lower Upper

198 100

51 37.7 17.0 57.0

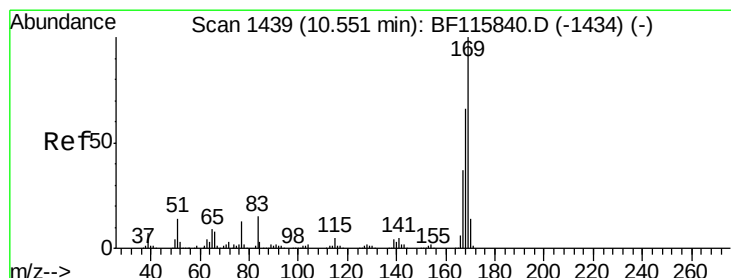
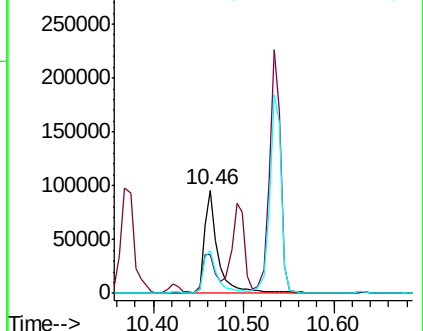
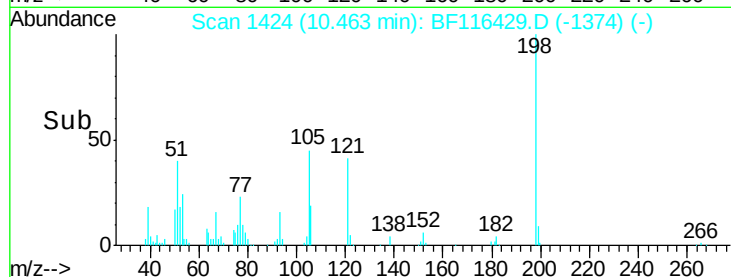
105 41.9 21.6 61.6



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: 44.634 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

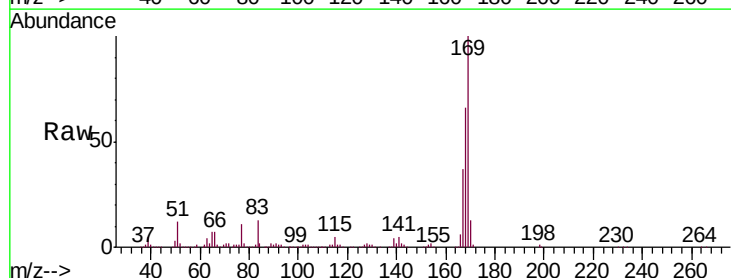
Tgt Ion:169 Resp: 601958

Ion Ratio Lower Upper

169 100

168 66.4 53.8 80.6

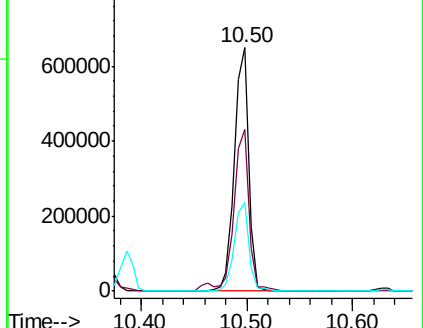
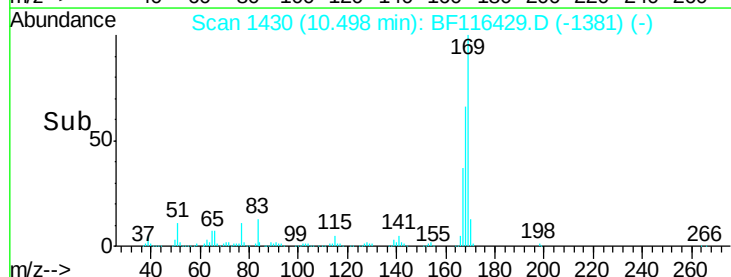
167 36.7 29.6 44.4

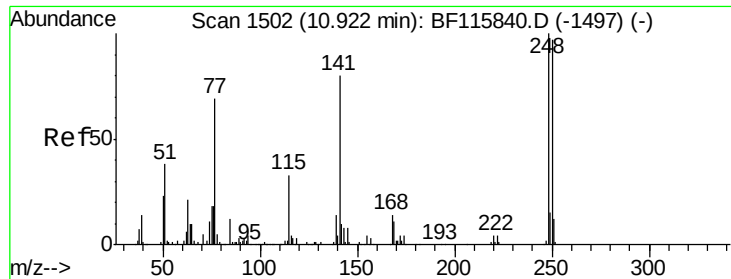


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

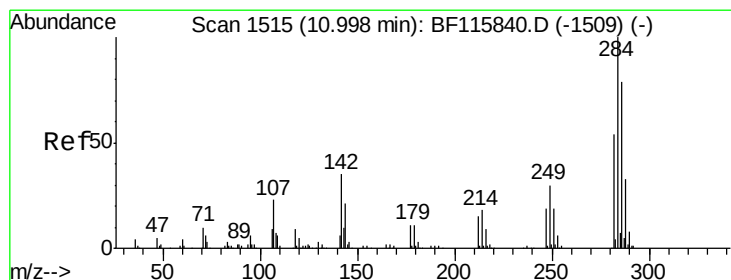
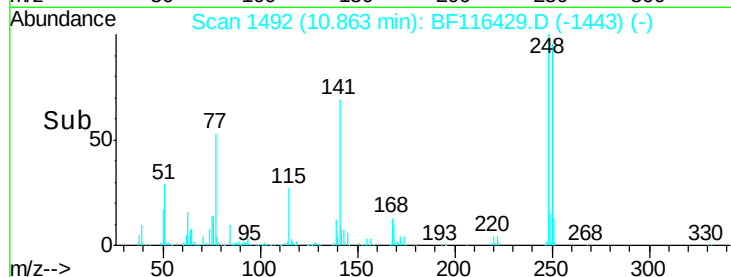
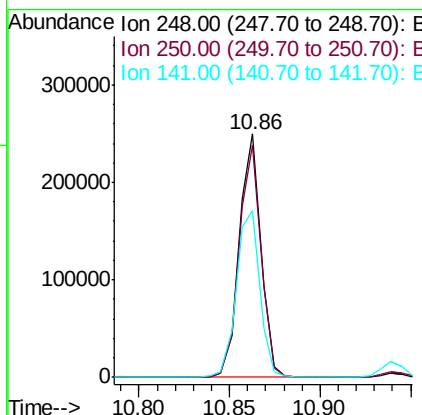
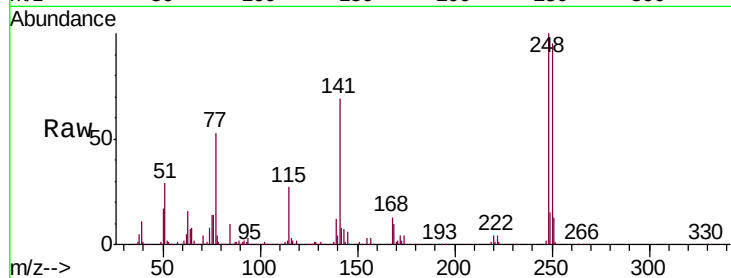




#67
 4-Bromophenyl-phenylether
 Concen: 43.389 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

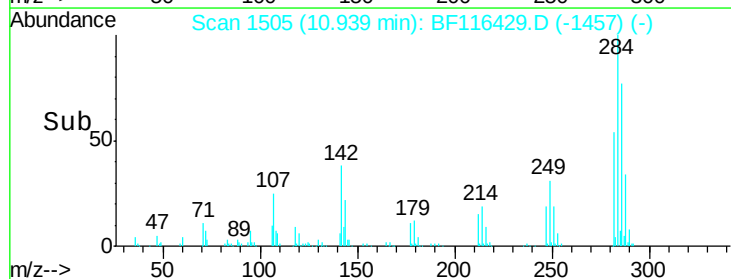
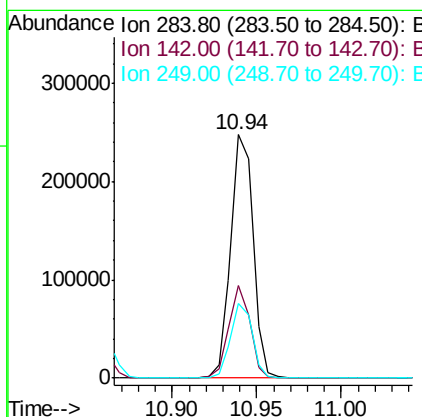
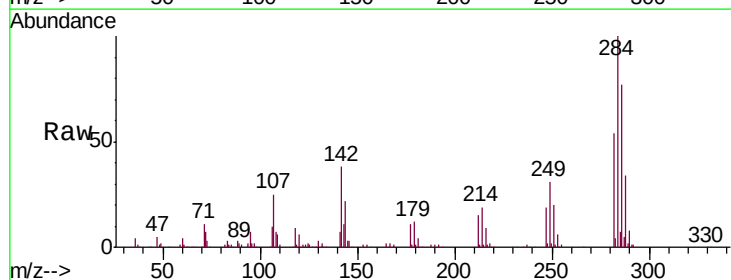
Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

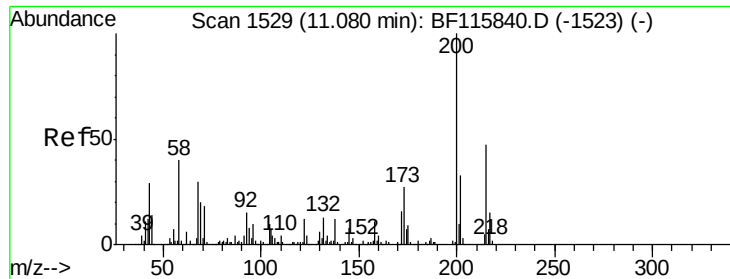
Tgt Ion:248 Resp: 208117
 Ion Ratio Lower Upper
 248 100
 250 95.5 77.4 116.2
 141 68.7 56.8 85.2



#68
 Hexachlorobenzene
 Concen: 41.242 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.02 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion:284 Resp: 228748
 Ion Ratio Lower Upper
 284 100
 142 37.8 28.4 42.6
 249 30.8 24.5 36.7

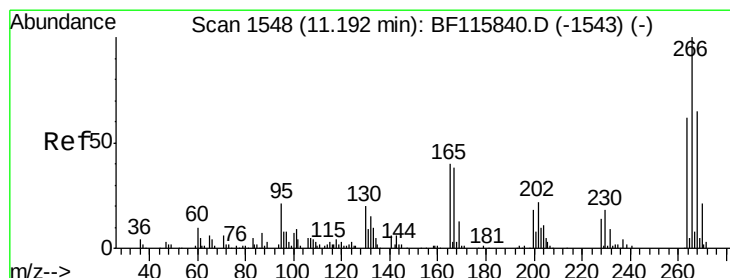
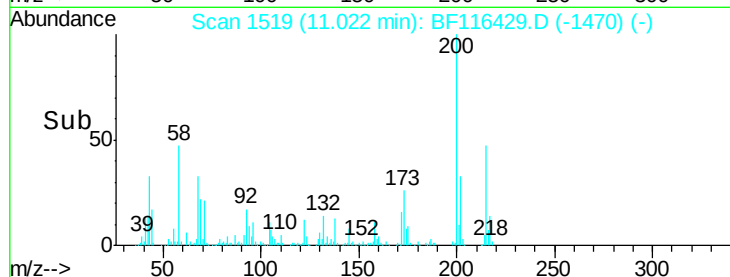
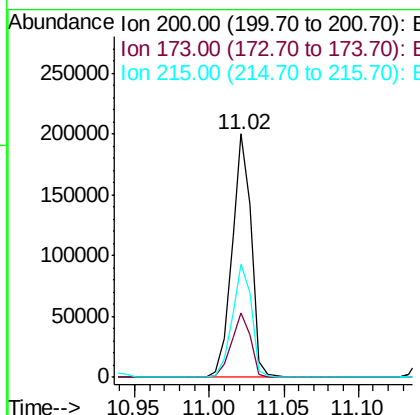
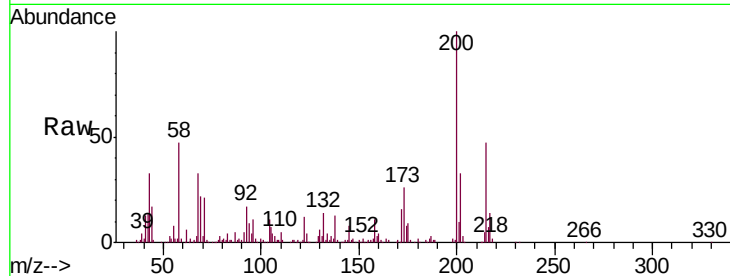




#69
Atrazine
Concen: 40.916 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

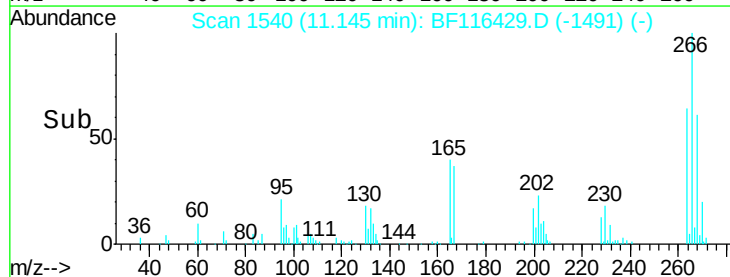
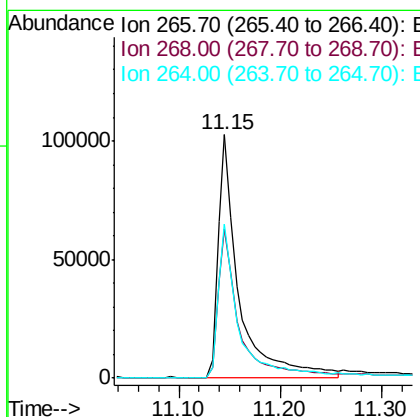
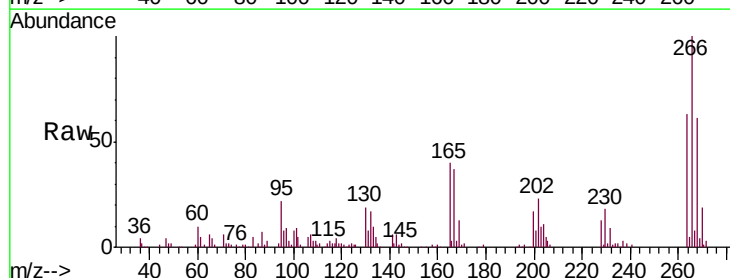
Instrument :
BNA_F
ClientSampleId :
PB122210BS

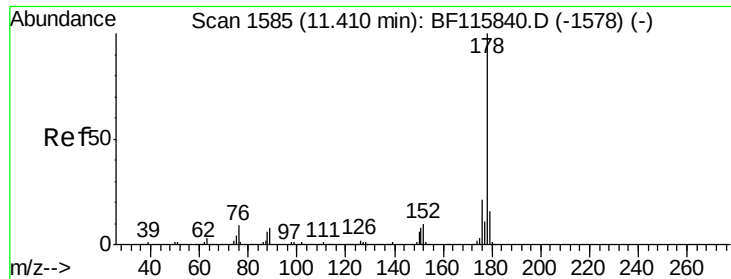
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.8	46.8
215	46.6	27.5	67.5



#70
Pentachlorophenol
Concen: 54.651 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	48.8	73.2
264	63.4	50.6	76.0

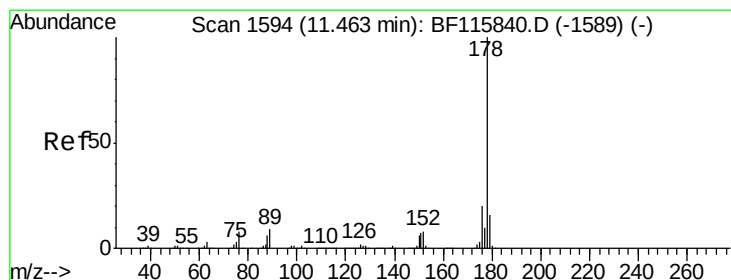
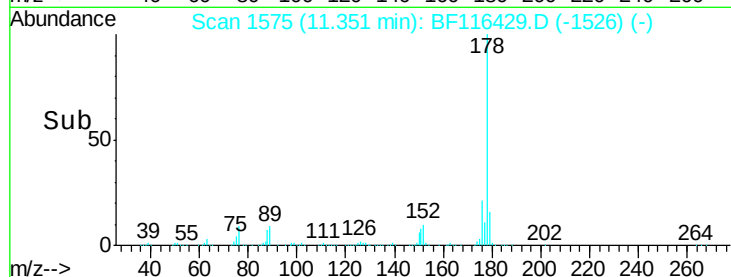
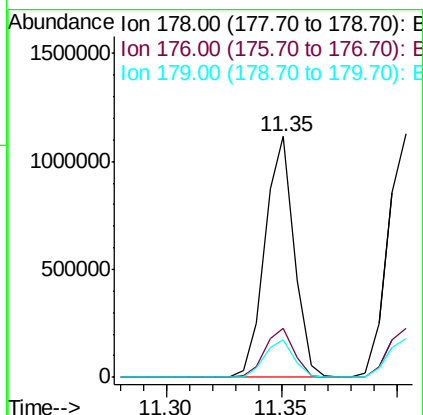
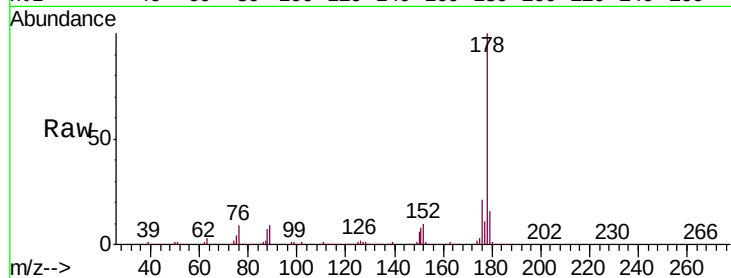




#71
Phenanthrene
Concen: 42.865 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

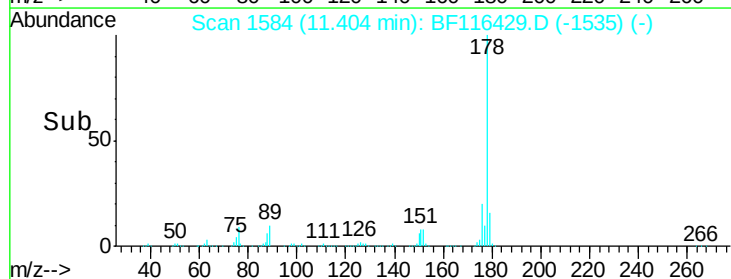
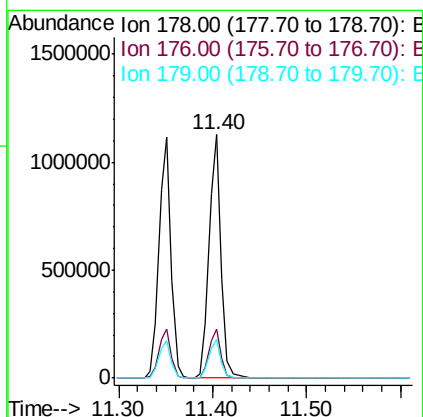
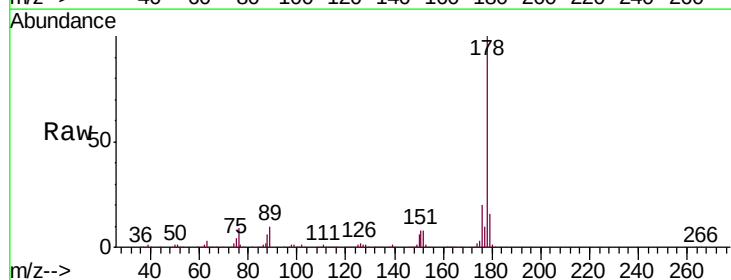
Instrument :
BNA_F
ClientSampleId :
PB122210BS

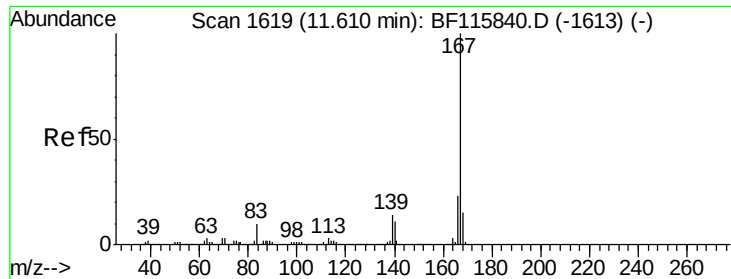
Tgt Ion:178 Resp: 981888
Ion Ratio Lower Upper
178 100
176 20.6 16.6 24.8
179 15.8 12.5 18.7



#72
Anthracene
Concen: 43.461 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion:178 Resp: 1007524
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.8 13.0 19.6

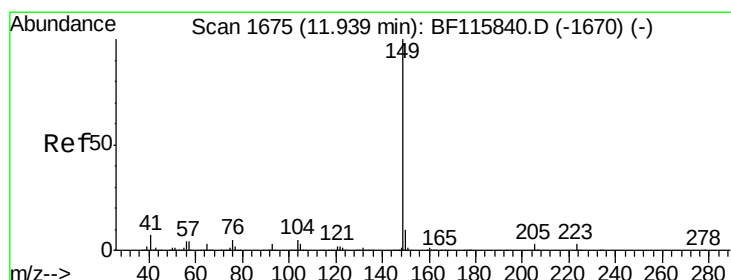
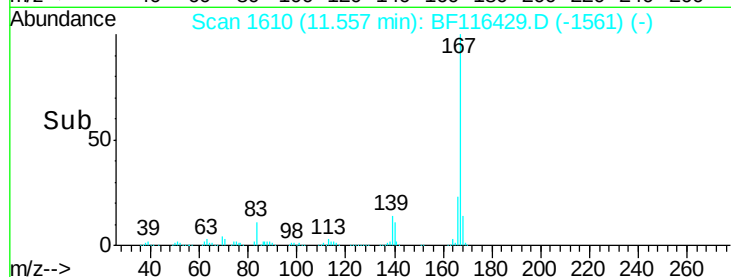
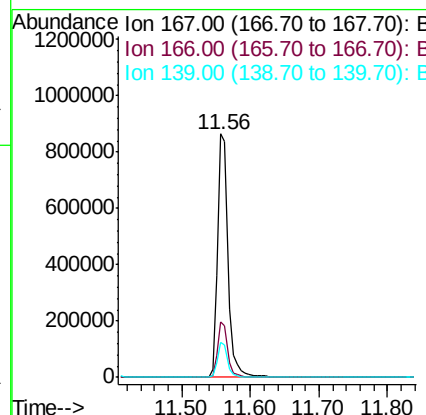
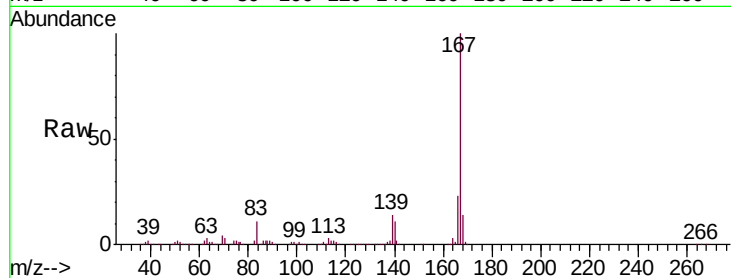




#73
 Carbazole
 Concen: 42.732 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

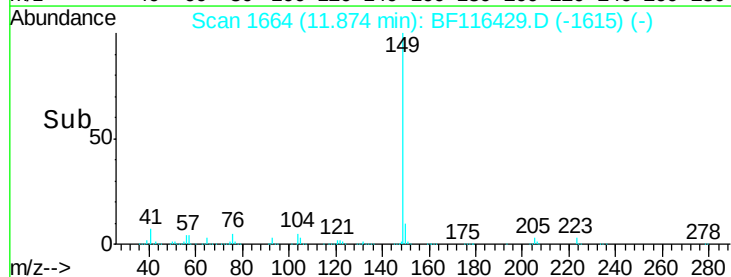
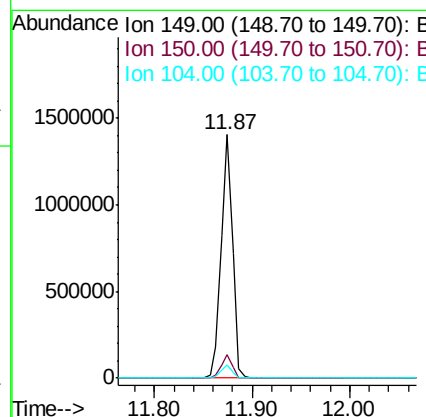
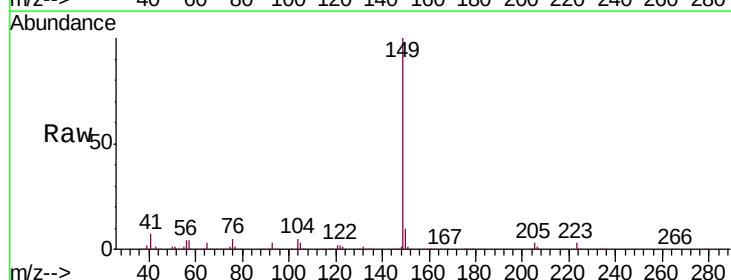
Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

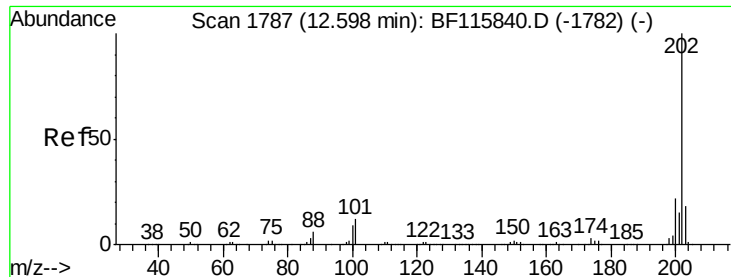
Tgt Ion:167 Resp: 898733
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.6
 139 14.4 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 46.229 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion:149 Resp: 1134220
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.2 4.5 6.7





#75

Fluoranthene

Concen: 43.131 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

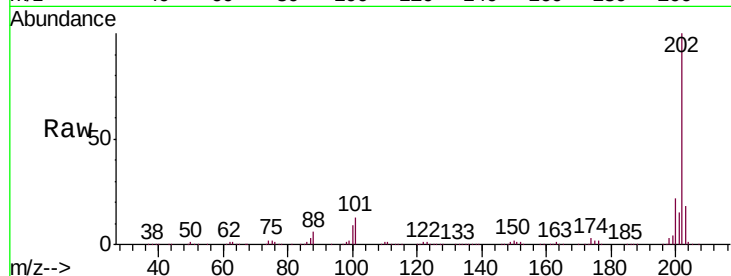
Tgt Ion:202 Resp: 1034314

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.2

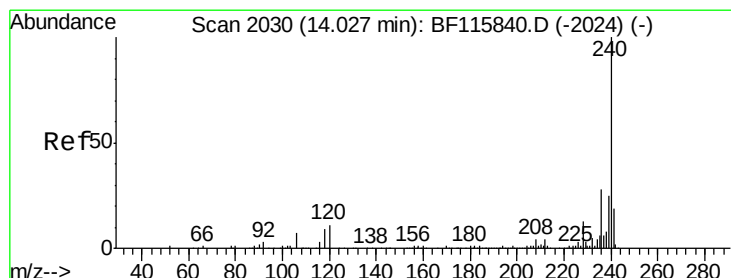
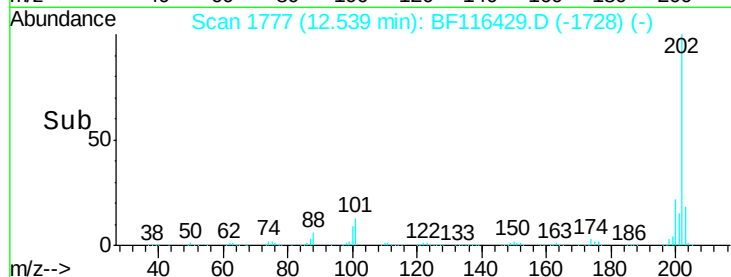
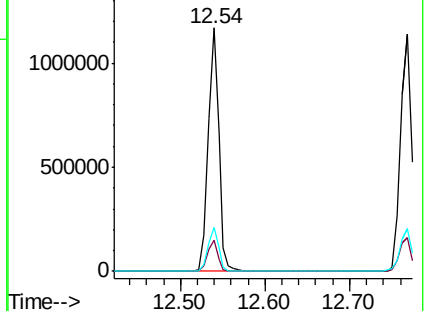
203 17.8 0.0 37.8



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: BF116429.D

Acq: 20 Aug 2019 12:38

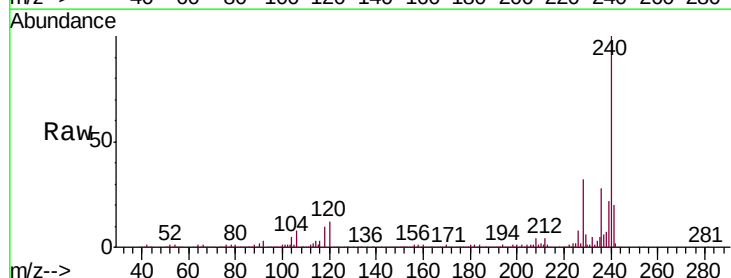
Tgt Ion:240 Resp: 311401

Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

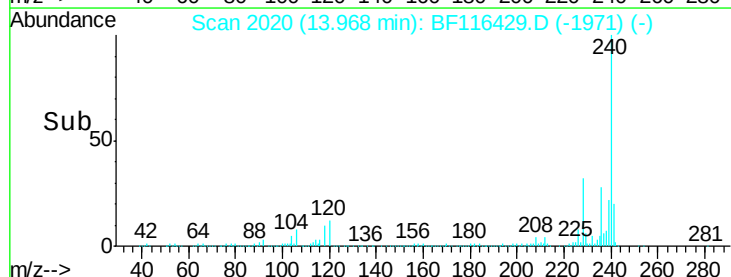
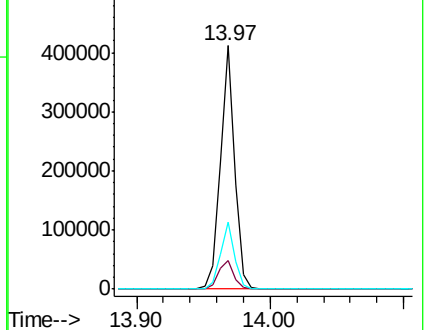
236 27.7 22.2 33.2

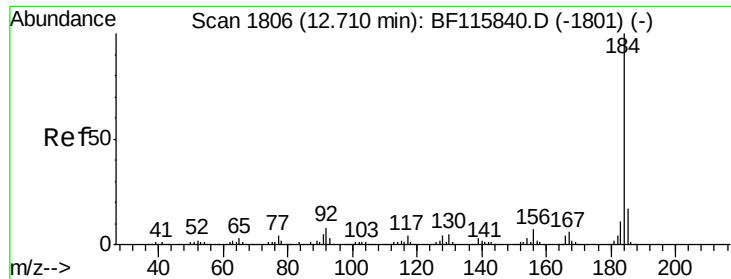


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.870 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

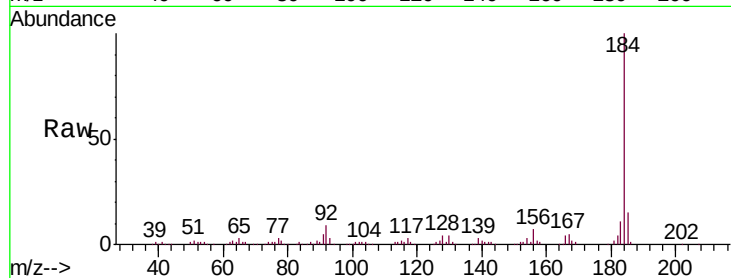
Tgt Ion:184 Resp: 282689

Ion Ratio Lower Upper

184 100

185 15.1 12.8 19.2

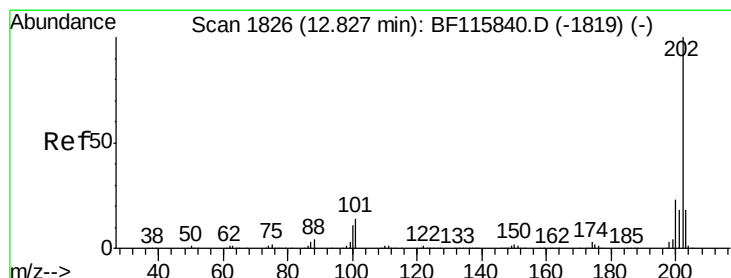
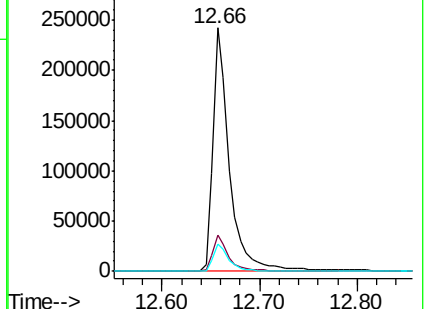
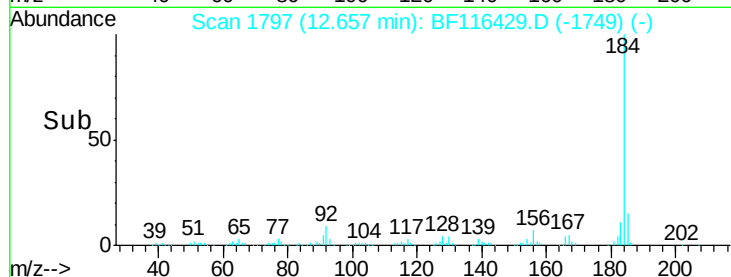
183 11.4 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.286 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

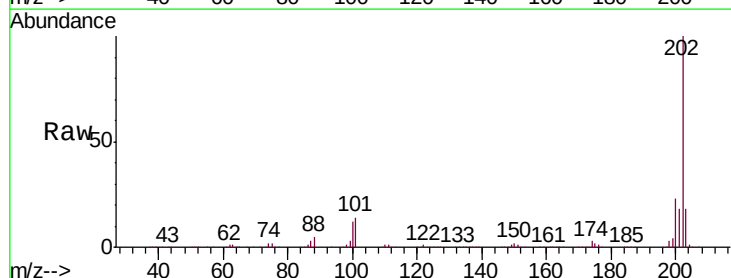
Tgt Ion:202 Resp: 1039565

Ion Ratio Lower Upper

202 100

200 22.7 18.0 27.0

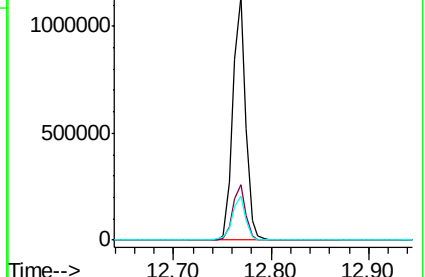
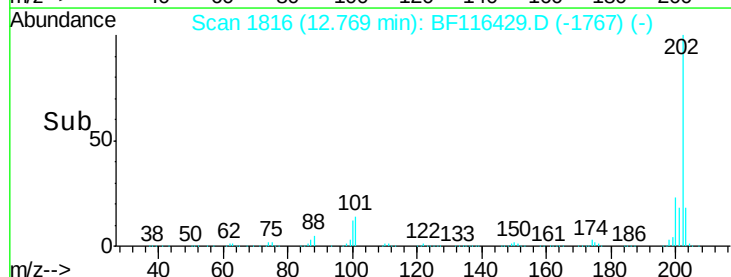
203 18.0 14.1 21.1

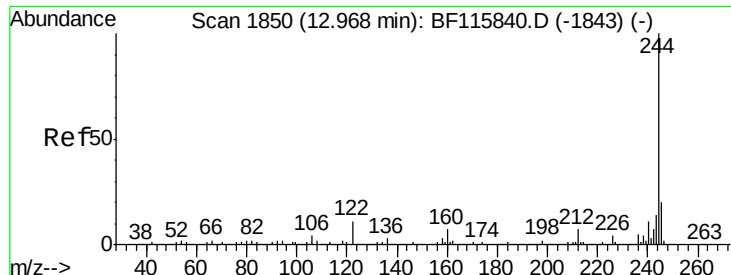


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.128 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

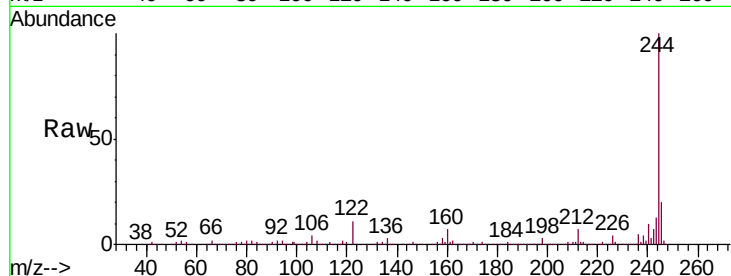
Tgt Ion:244 Resp: 1272816

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

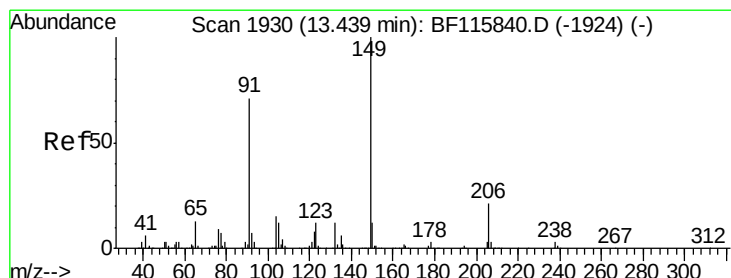
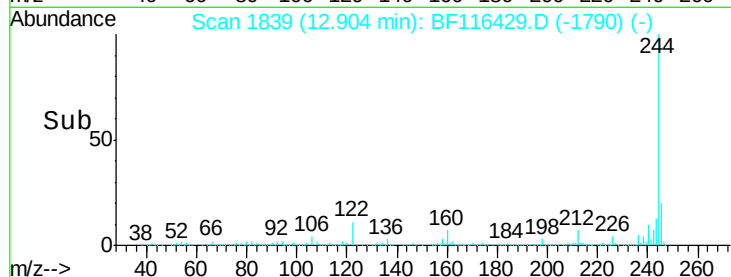
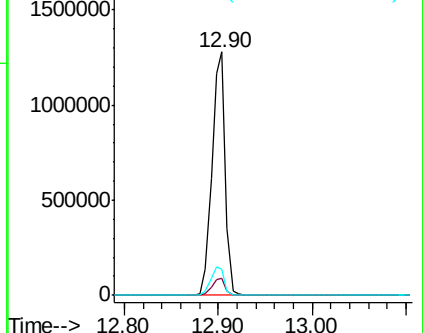
122 10.8 9.0 13.4



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: 47.932 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

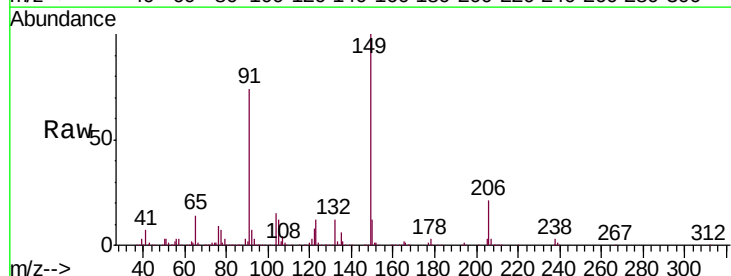
Tgt Ion:149 Resp: 475939

Ion Ratio Lower Upper

149 100

91 73.8 56.3 84.5

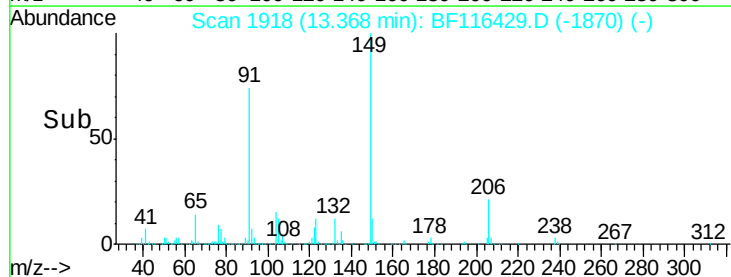
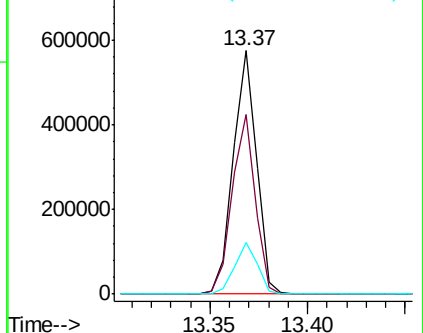
206 21.2 18.0 27.0

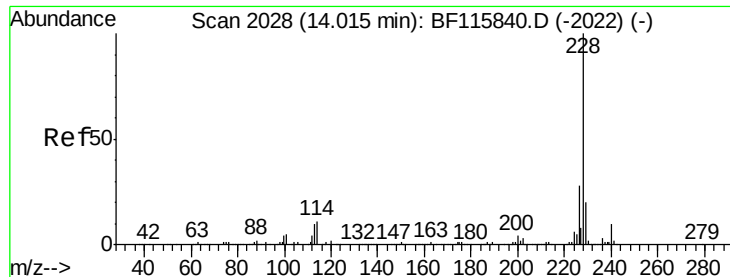


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.824 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

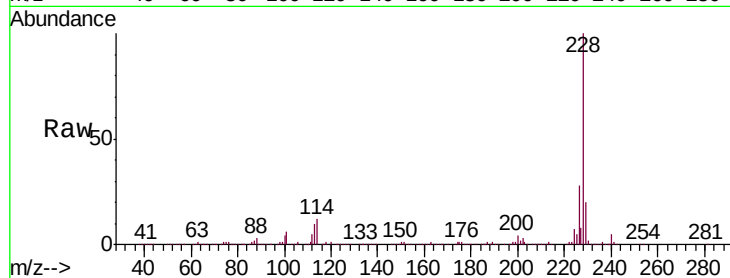
Tgt Ion:228 Resp: 852354

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

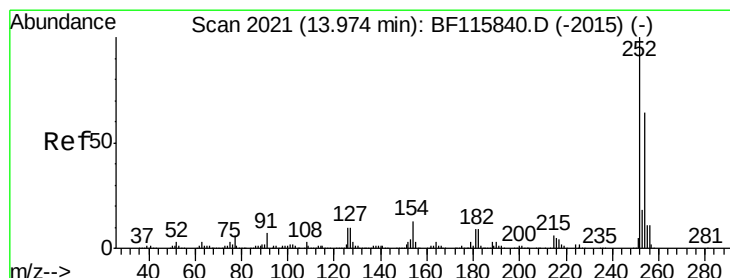
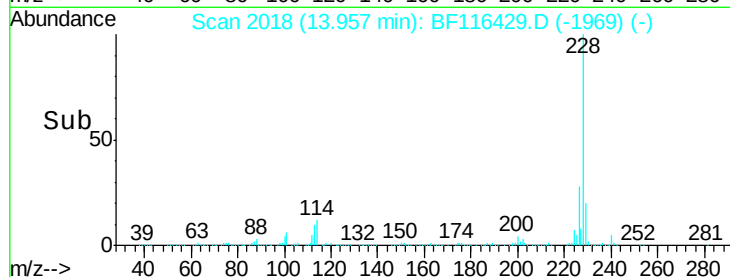
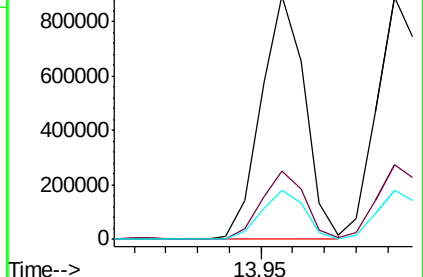
229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.890 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

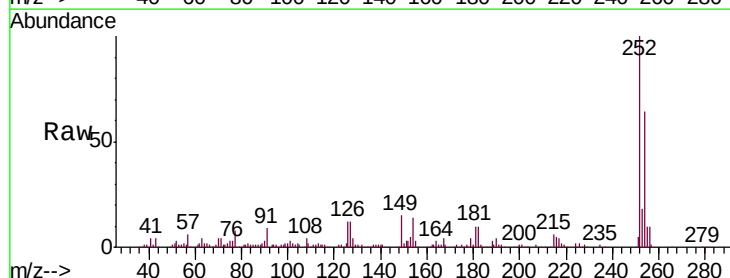
Tgt Ion:252 Resp: 268919

Ion Ratio Lower Upper

252 100

254 64.4 50.9 76.3

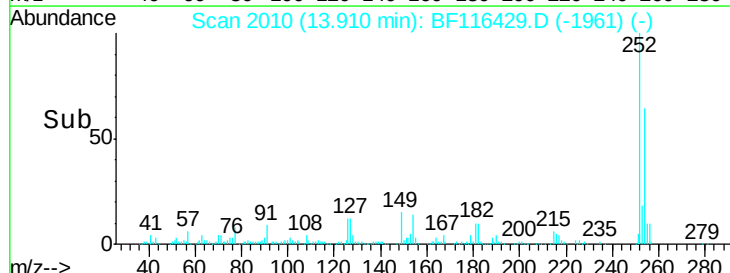
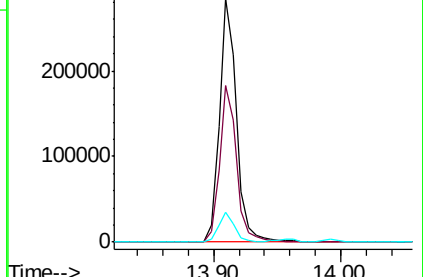
126 12.4 9.8 14.8

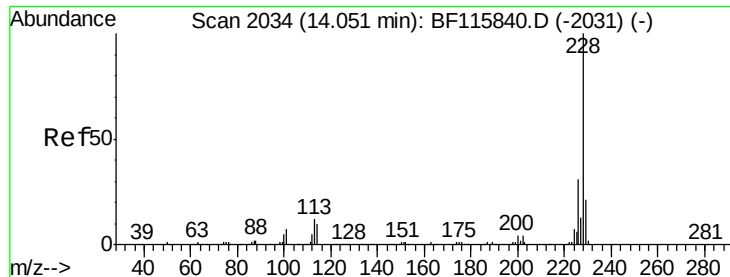


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.822 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

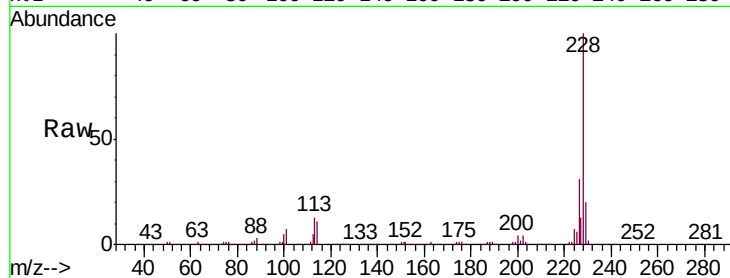
Tgt Ion:228 Resp: 846793

Ion Ratio Lower Upper

228 100

226 31.1 25.5 38.3

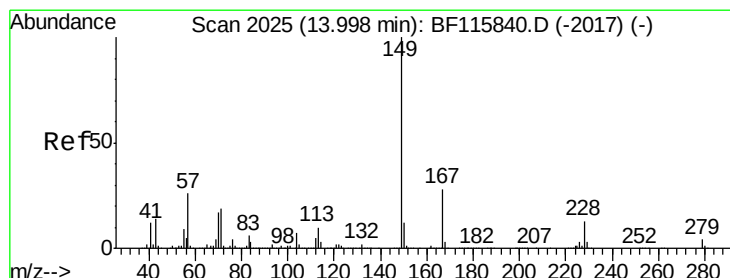
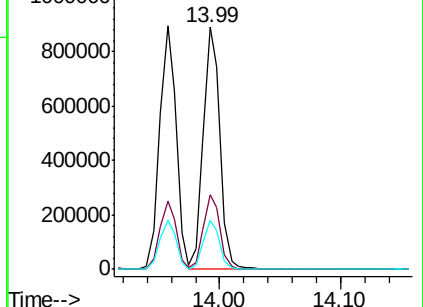
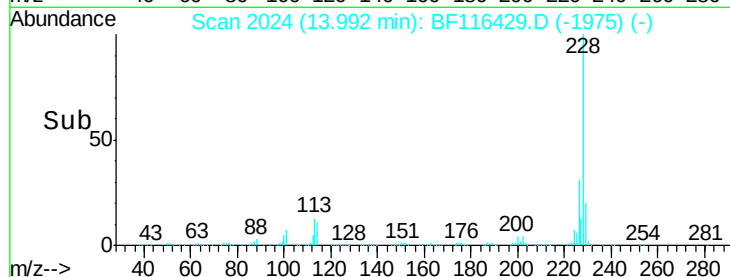
229 20.1 16.6 24.8



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: 51.633 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

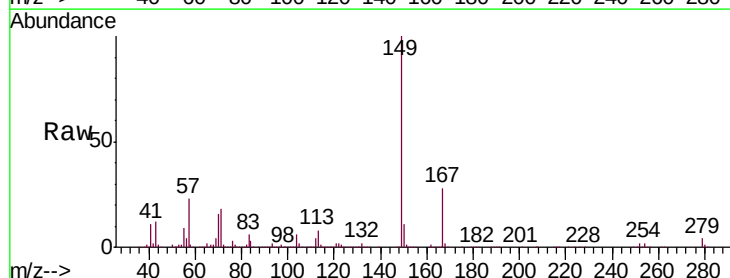
Tgt Ion:149 Resp: 666240

Ion Ratio Lower Upper

149 100

167 28.3 21.6 32.4

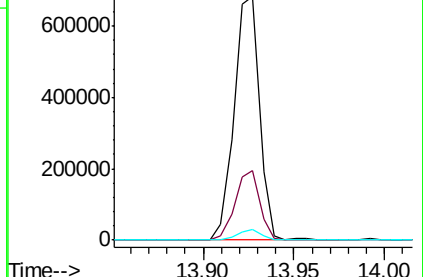
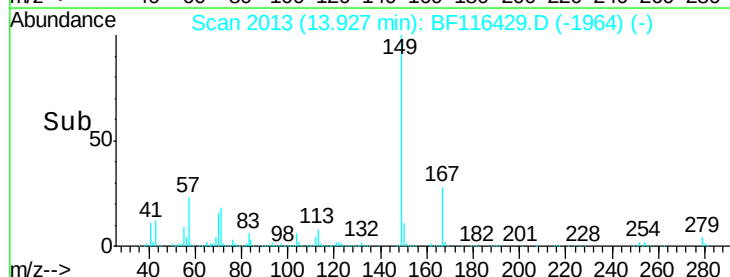
279 4.5 3.0 4.4#

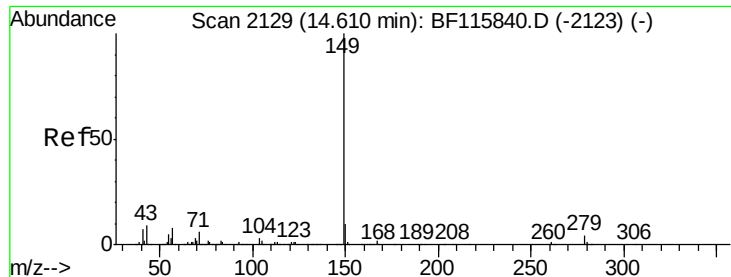


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.165 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

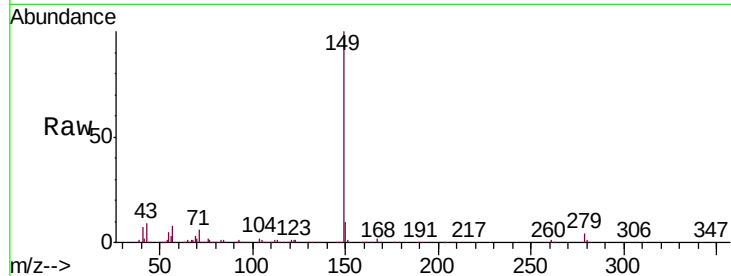
Tgt Ion:149 Resp: 1069123

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

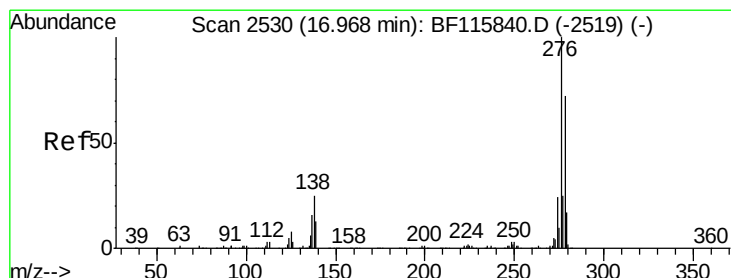
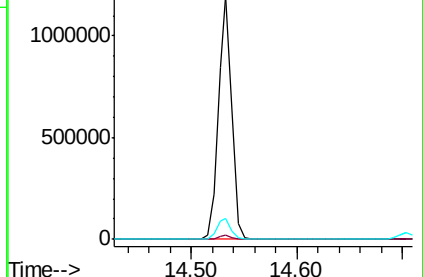
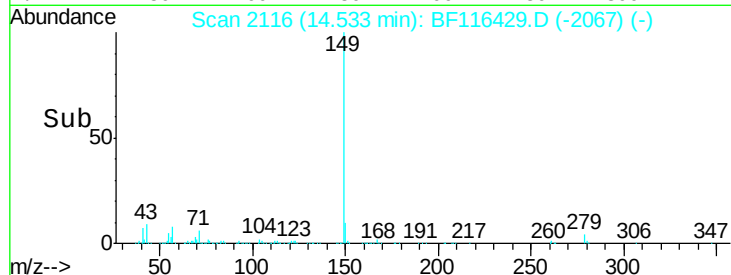
43 8.8 7.5 11.3



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: 44.736 ng

RT: 16.89 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

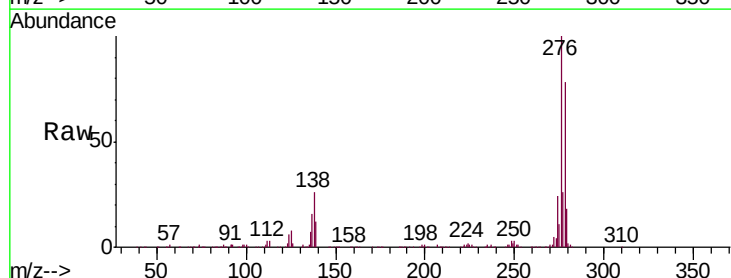
Tgt Ion:276 Resp: 726045

Ion Ratio Lower Upper

276 100

138 26.4 20.4 30.6

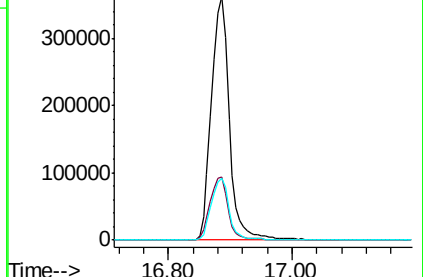
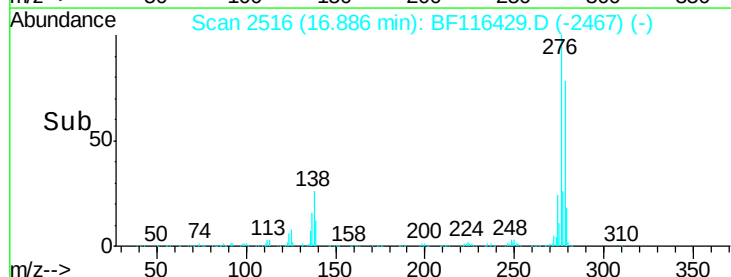
277 25.5 20.0 30.0

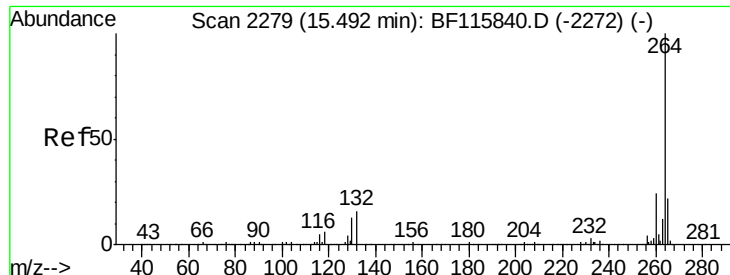


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



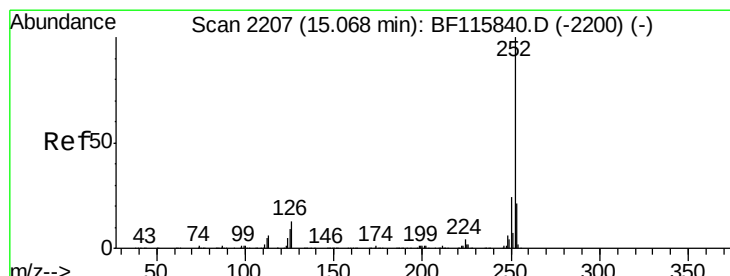
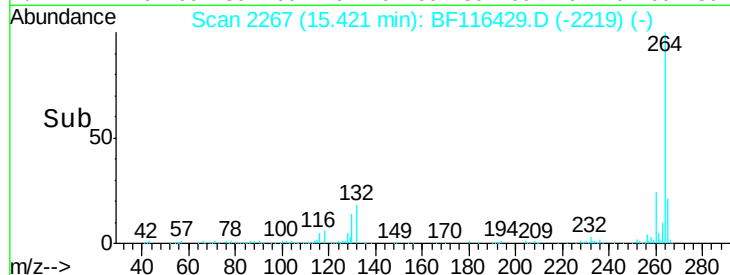
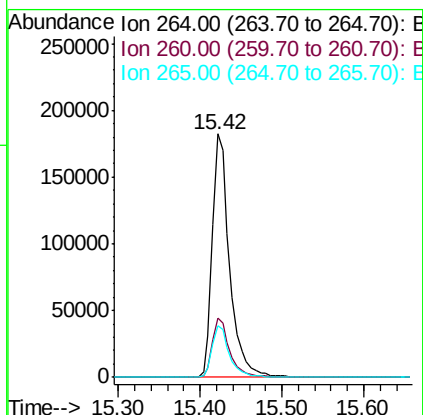
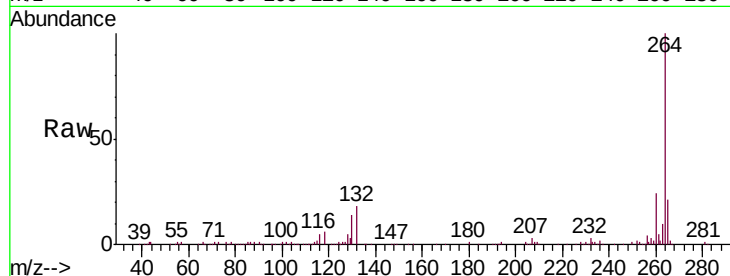


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion: 264 Resp: 268419

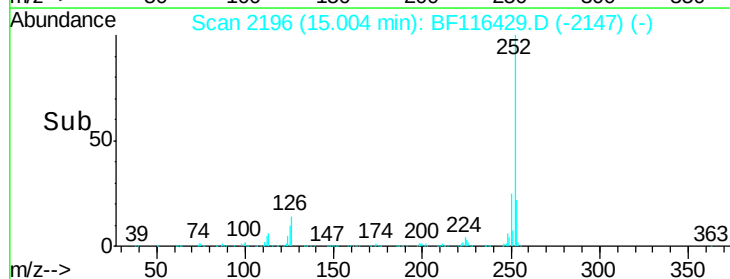
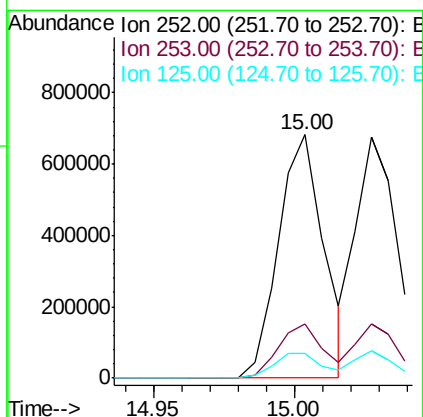
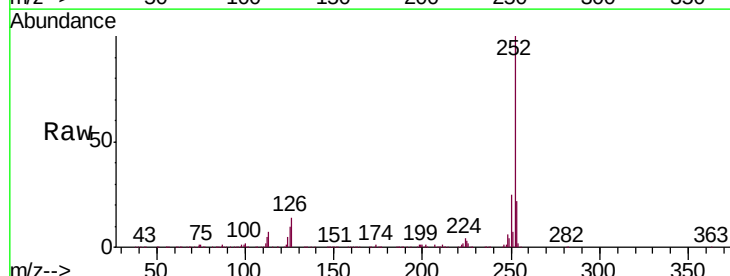
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.3	17.4	26.0

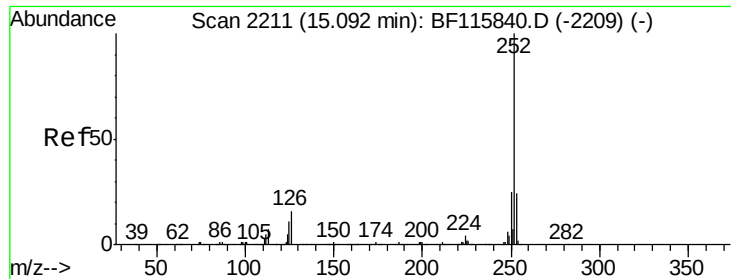


#88
Benzo(b)fluoranthene
Concen: 48.876 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion: 252 Resp: 758564

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.9	8.4	12.6

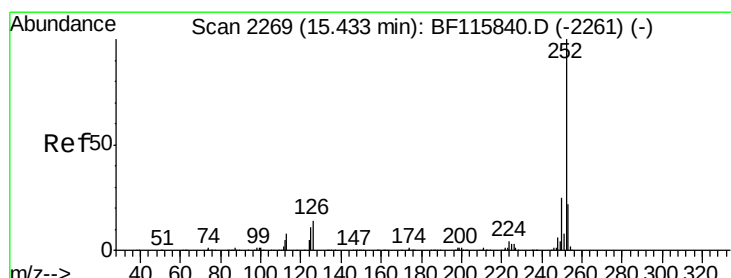
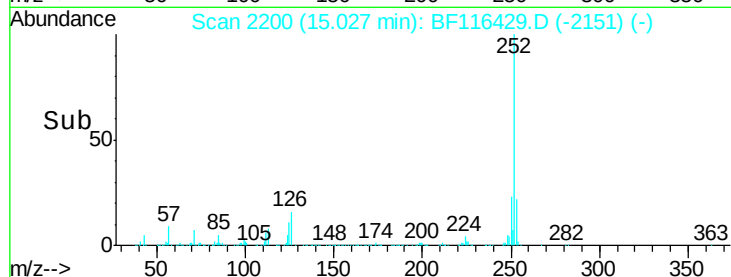
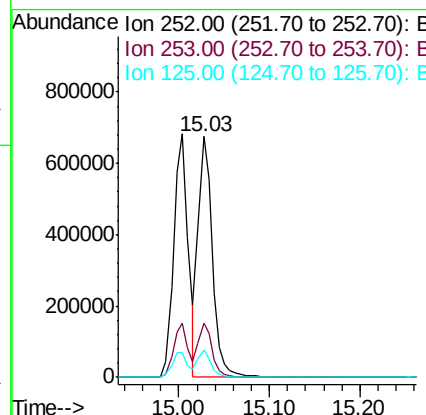
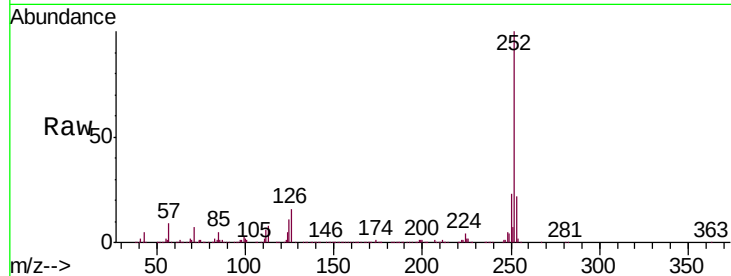




#89
Benzo(k)fluoranthene
Concen: 47.829 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

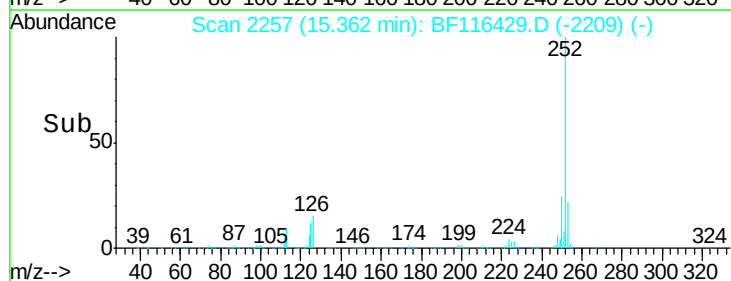
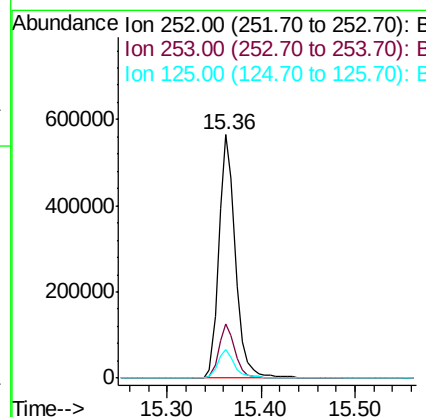
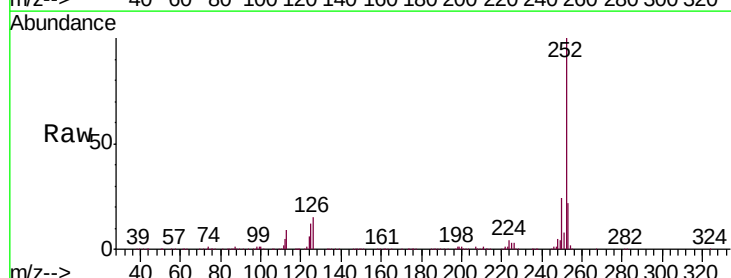
Instrument :
BNA_F
ClientSampleId :
PB122210BS

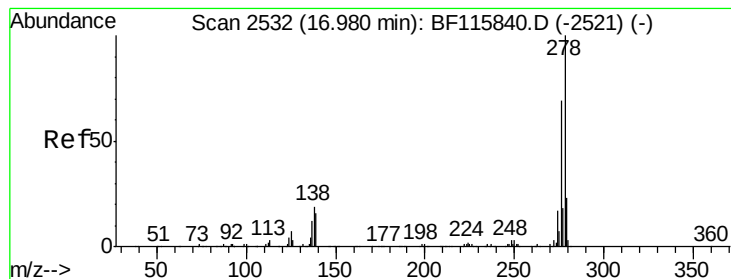
Tgt Ion:252 Resp: 723032
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 50.517 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion:252 Resp: 700875
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.6 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 51.596 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

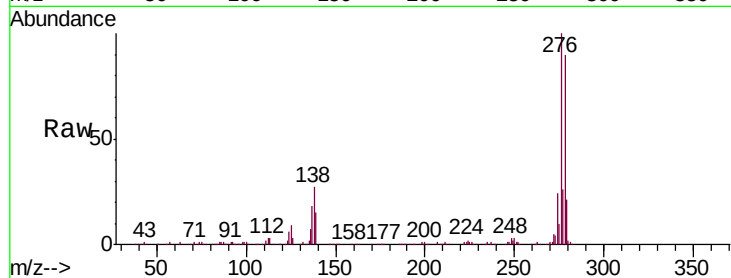
Tgt Ion:278 Resp: 619639

Ion Ratio Lower Upper

278 100

139 17.1 12.8 19.2

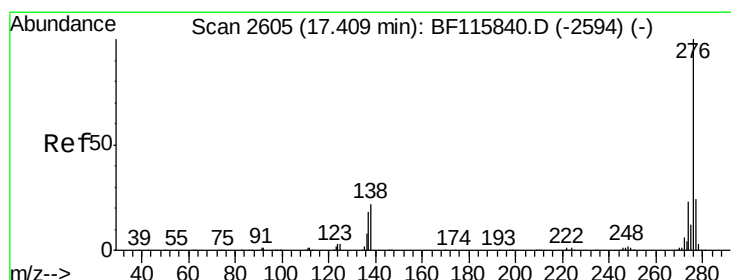
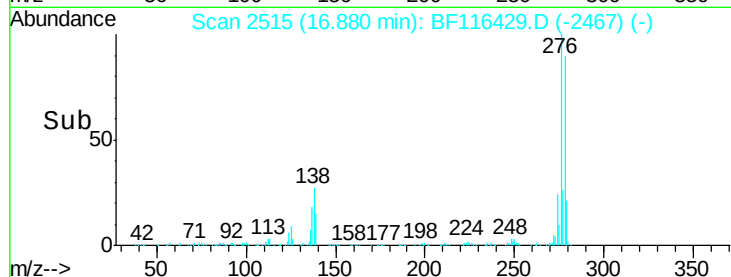
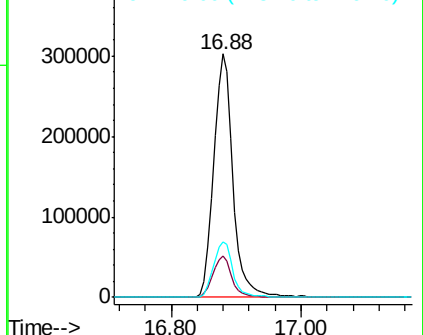
279 23.0 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.599 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

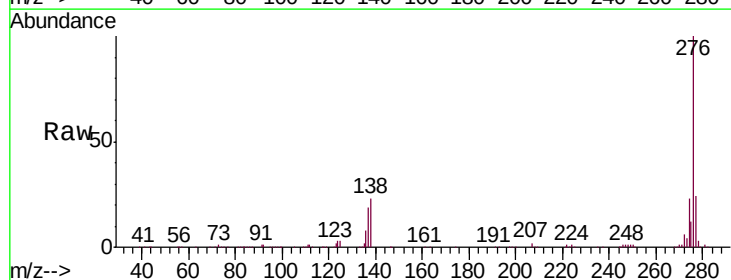
Tgt Ion:276 Resp: 608576

Ion Ratio Lower Upper

276 100

277 24.4 18.4 27.6

138 22.7 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

