

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115946.D
 Acq On : 2 Aug 2019 15:05
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 02 15:30:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	162285	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	679452	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	347512	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	674887	20.00	ng	0.00
76) Chrysene-d12	14.03	240	476125	20.00	ng	0.00
87) Perylene-d12	15.50	264	442107	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	782714	80.74	ng	0.00
7) Phenol-d6	6.49	99	1005469	82.21	ng	0.00
23) Nitrobenzene-d5	7.42	82	918392	78.02	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	288799	85.72	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1520654	81.96	ng	0.00
79) Terphenyl-d14	12.97	244	1800026	79.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	194241	39.663	ng	100
3) Pyridine	3.37	79	507241	37.078	ng	98
4) n-Nitrosodimethylamine	3.33	42	215498	39.916	ng	99
6) Aniline	6.52	93	691939	39.503	ng	99
8) 2-Chlorophenol	6.65	128	454122	42.363	ng	98
9) Benzaldehyde	6.40	77	309659	36.693	ng	98
10) Phenol	6.50	94	587466	40.788	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	442539	41.791	ng	97
12) 1,3-Dichlorobenzene	6.80	146	498387	40.229	ng	99
13) 1,4-Dichlorobenzene	6.87	146	499222	40.246	ng	98
14) 1,2-Dichlorobenzene	7.03	146	459196	40.203	ng	99
15) Benzyl Alcohol	7.00	79	391494	42.178	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	594656	41.171	ng	95
17) 2-Methylphenol	7.11	107	377249	41.561	ng	100
18) Hexachloroethane	7.37	117	186791	40.900	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	309930	40.893	ng	97
20) 3+4-Methylphenols	7.26	107	435830	40.575	ng	# 87
22) Acetophenone	7.27	105	581021	38.991	ng	# 97
24) Nitrobenzene	7.44	77	506433	39.846	ng	97
25) Isophorone	7.68	82	907955	40.340	ng	99
26) 2-Nitrophenol	7.75	139	250982	41.892	ng	96
27) 2,4-Dimethylphenol	7.79	122	356684	39.572	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	564018	40.430	ng	99
29) 2,4-Dichlorophenol	8.00	162	385978	40.556	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	428336	39.483	ng	100
31) Naphthalene	8.16	128	1271005	39.752	ng	99
32) Benzoic acid	7.94	122	214187	33.704	ng	98
33) 4-Chloroaniline	8.20	127	567841	39.748	ng	98
34) Hexachlorobutadiene	8.27	225	248383	39.749	ng	98
35) Caprolactam	8.60	113	127705	41.488	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	408085	41.217	ng	99
37) 2-Methylnaphthalene	8.85	142	846857	40.217	ng	99
38) 1-Methylnaphthalene	8.95	142	804300	40.374	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	387366	41.695	ng	99

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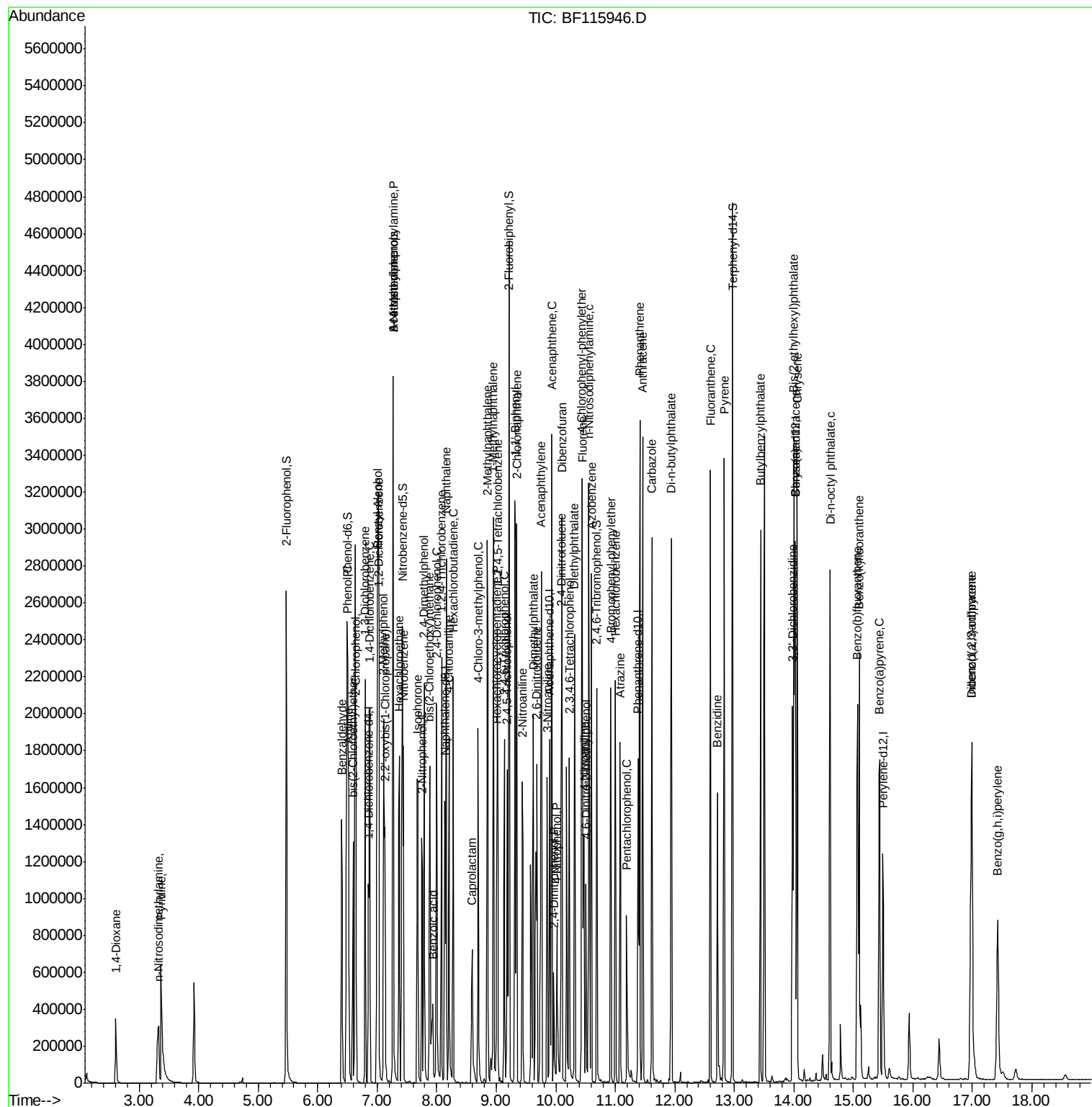
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	129467	34.666	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	262606	41.066	ng	100
44) 2,4,5-Trichlorophenol	9.18	196	278629	42.151	ng	98
46) 1,1'-Biphenyl	9.32	154	1016978	41.451	ng	99
47) 2-Chloronaphthalene	9.35	162	834811	40.883	ng	98
48) 2-Nitroaniline	9.44	65	284753	42.189	ng	91
49) Acenaphthylene	9.76	152	1268020	42.565	ng	99
50) Dimethylphthalate	9.62	163	1021983	43.192	ng	100
51) 2,6-Dinitrotoluene	9.69	165	226592	44.066	ng	96
52) Acenaphthene	9.93	154	761371	41.660	ng	99
53) 3-Nitroaniline	9.86	138	264502	41.630	ng	97
54) 2,4-Dinitrophenol	9.97	184	89561	38.713	ng	90
55) Dibenzofuran	10.10	168	1114564	41.936	ng	97
56) 4-Nitrophenol	10.02	139	163422	40.151	ng	100
57) 2,4-Dinitrotoluene	10.09	165	294601	43.031	ng	97
58) Fluorene	10.45	166	875725	42.826	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	234194	42.112	ng	99
60) Diethylphthalate	10.32	149	957030	43.322	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	439385	42.427	ng	98
62) 4-Nitroaniline	10.47	138	273815	41.701	ng	98
63) Azobenzene	10.60	77	972585	42.803	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	143184	40.035	ng	94
66) n-Nitrosodiphenylamine	10.56	169	792566	39.017	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	284163	39.332	ng	92
68) Hexachlorobenzene	11.00	284	323288	38.698	ng	93
69) Atrazine	11.08	200	223012	33.371	ng	99
70) Pentachlorophenol	11.20	266	147339	36.327	ng	98
71) Phenanthrene	11.41	178	1309845	37.965	ng	100
72) Anthracene	11.46	178	1351602	38.709	ng	99
73) Carbazole	11.62	167	1249283	39.436	ng	100
74) Di-n-butylphthalate	11.94	149	1536984	41.591	ng	100
75) Fluoranthene	12.60	202	1422657	39.387	ng	97
77) Benzidine	12.72	184	642903	39.968	ng	98
78) Pyrene	12.83	202	1442023	40.178	ng	99
80) Butylbenzylphthalate	13.44	149	668450	44.029	ng	99
81) Benzo(a)anthracene	14.02	228	1218674	40.046	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	431345	40.798	ng	# 99
83) Chrysene	14.06	228	1179239	39.913	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	924427	46.856	ng	100
85) Di-n-octyl phthalate	14.61	149	1429628	45.622	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	989087	39.859	ng	99
88) Benzo(b)fluoranthene	15.07	252	1014117	39.671	ng	97
89) Benzo(k)fluoranthene	15.10	252	993464	39.900	ng	99
90) Benzo(a)pyrene	15.44	252	911209	39.875	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	816629	41.285	ng	99
92) Benzo(g,h,i)perylene	17.43	276	811136	41.755	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

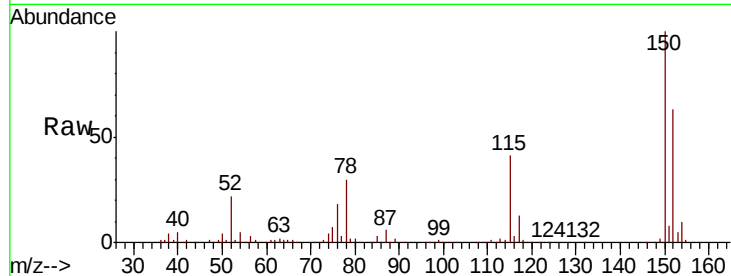
Tot Ion:152 Resp: 162285

Ion Ratio Lower Upper

152 100

150 158.3 127.4 191.0

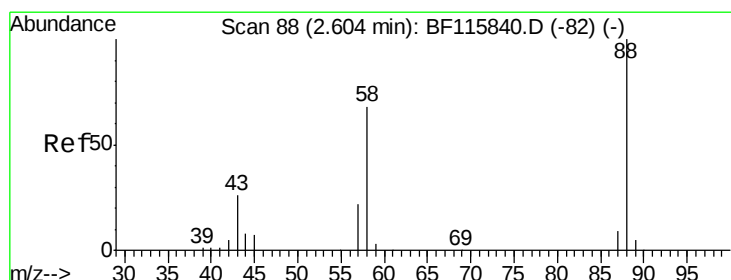
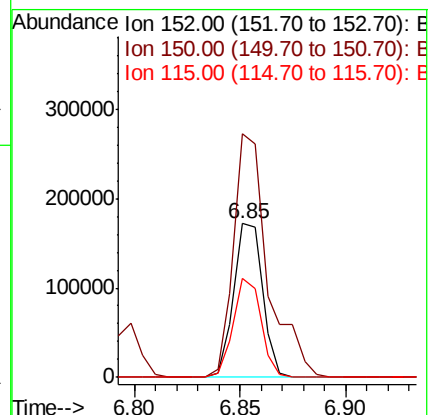
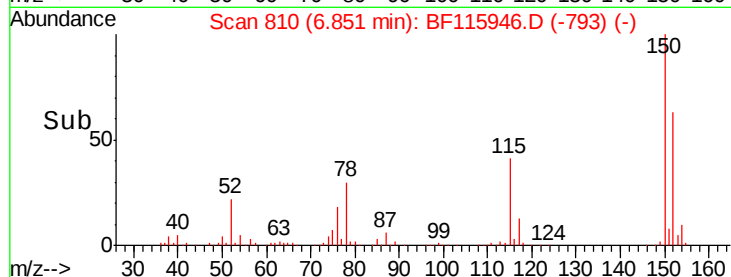
115 64.6 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.663 ng

RT: 2.61 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

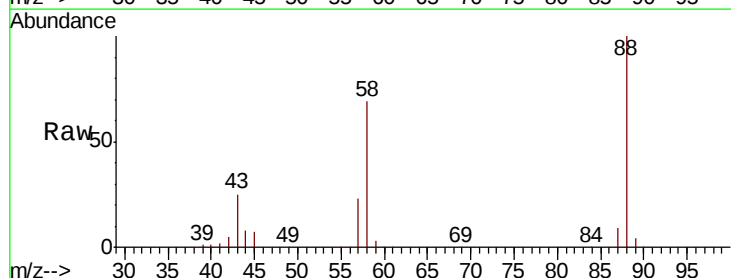
Tgt Ion: 88 Resp: 194241

Ion Ratio Lower Upper

88 100

58 67.9 54.1 81.1

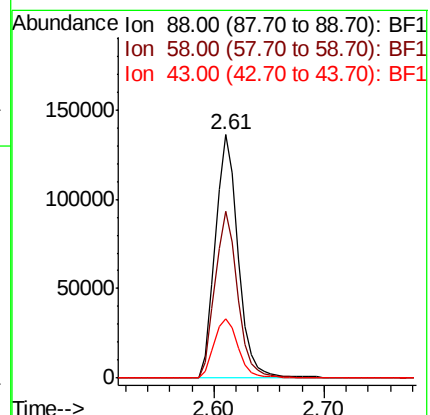
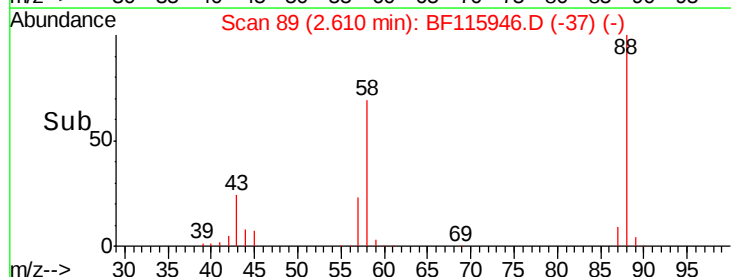
43 26.0 20.7 31.1

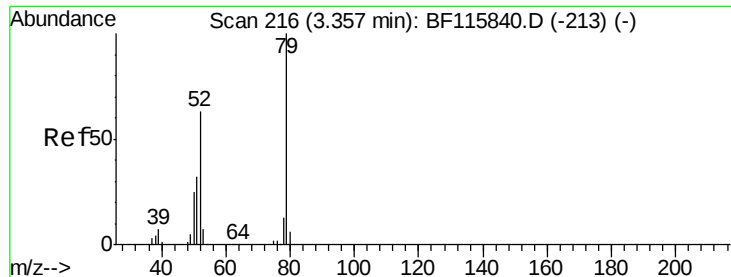


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.078 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

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ClientSampleId :

SSTDCCC040EC

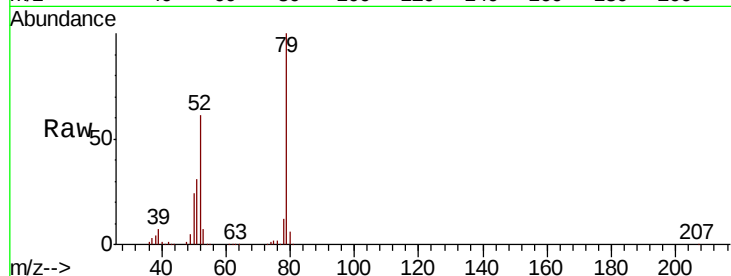
Tot Ion: 79 Resp: 507241

Ion Ratio Lower Upper

79 100

52 61.4 50.2 75.4

51 31.4 25.8 38.6



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

300000

250000

200000

150000

100000

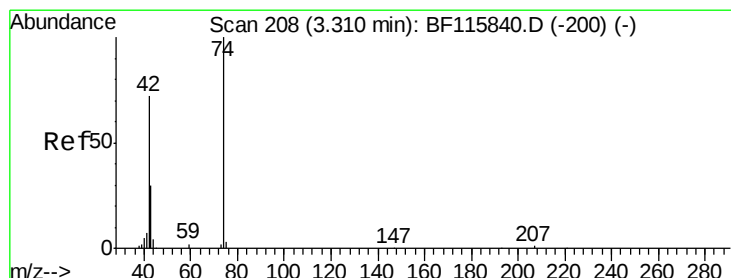
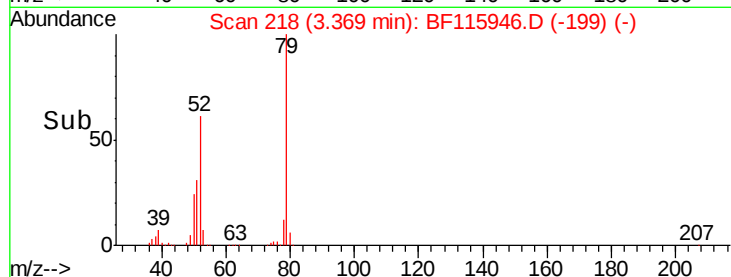
50000

0

3.37

3.30 3.40 3.50 3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 39.916 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.02 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

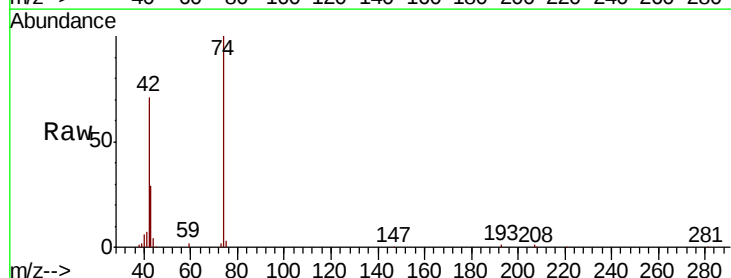
Tgt Ion: 42 Resp: 215498

Ion Ratio Lower Upper

42 100

74 140.1 111.0 166.4

44 6.2 4.7 7.1



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

150000

100000

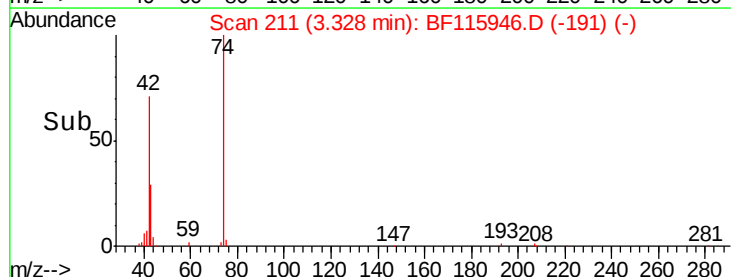
50000

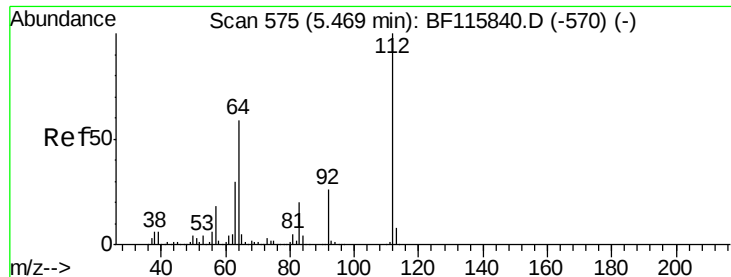
0

3.33

3.30 3.40

Time-->





#5

2-Fluorophenol

Concen: 80.741 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115946.D

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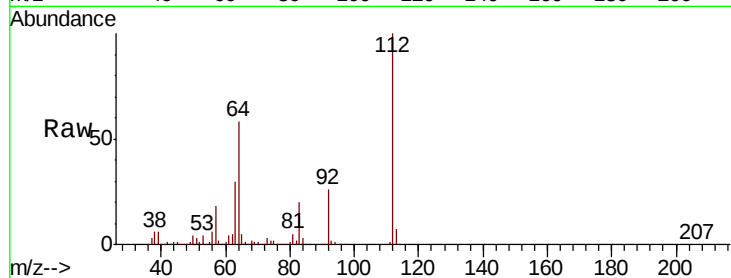
Tot Ion:112 Resp: 782714

Ion Ratio Lower Upper

112 100

64 58.3 46.8 70.2

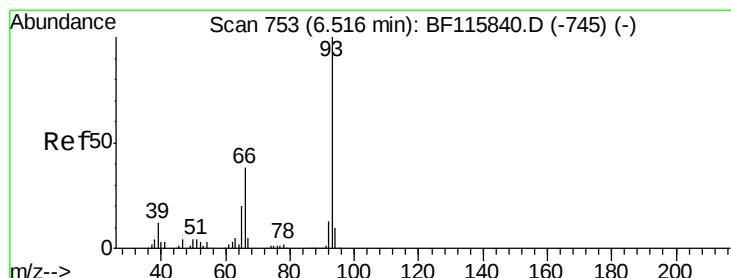
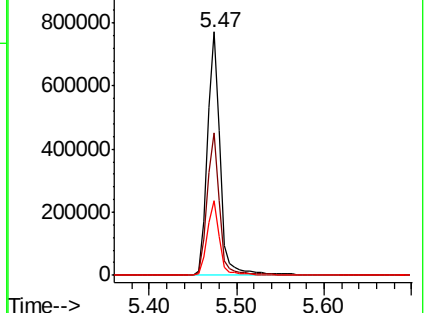
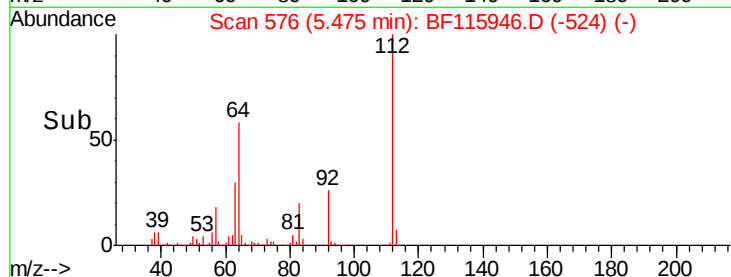
63 30.4 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.503 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

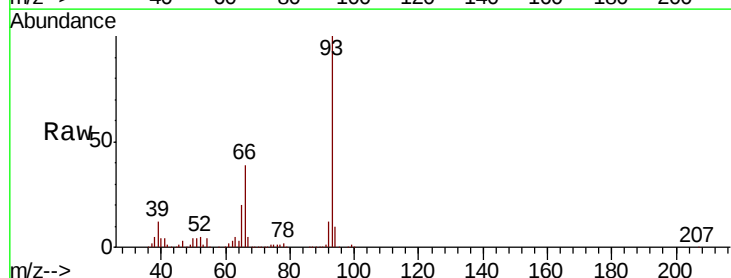
Tgt Ion: 93 Resp: 691939

Ion Ratio Lower Upper

93 100

66 38.8 31.4 47.0

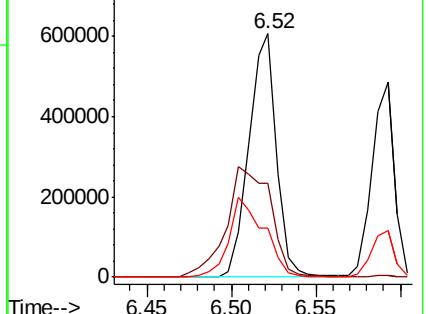
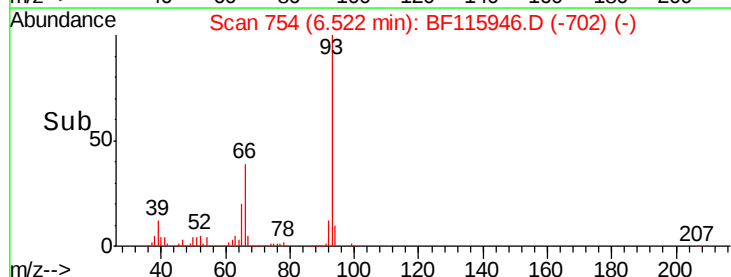
65 20.1 16.5 24.7

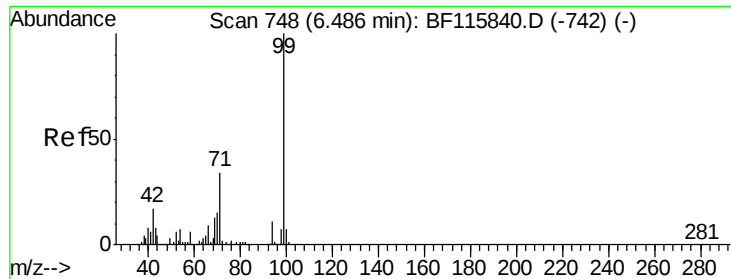


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.208 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

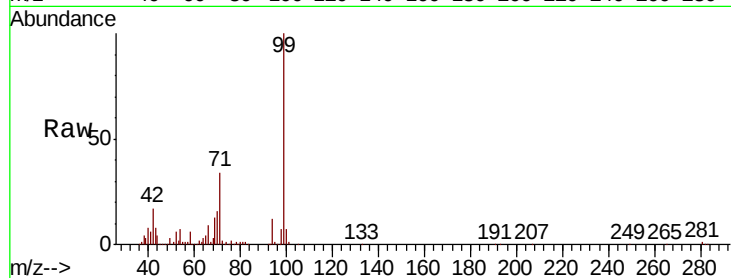
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1005469

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.6
71	33.6	27.1	40.7

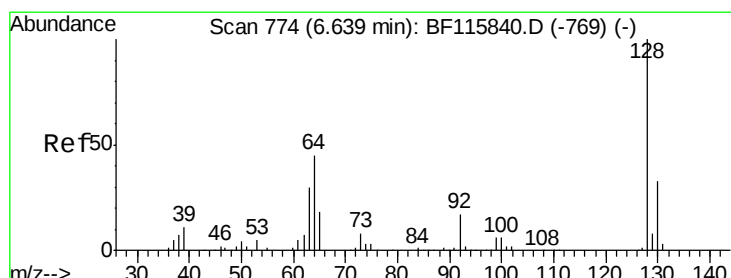
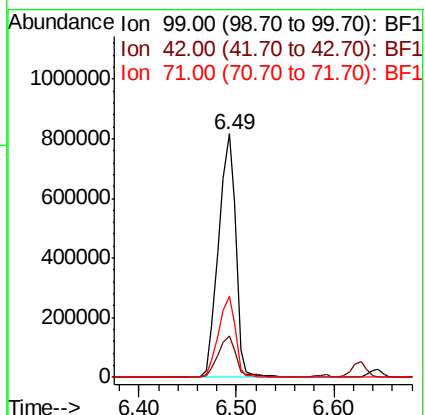
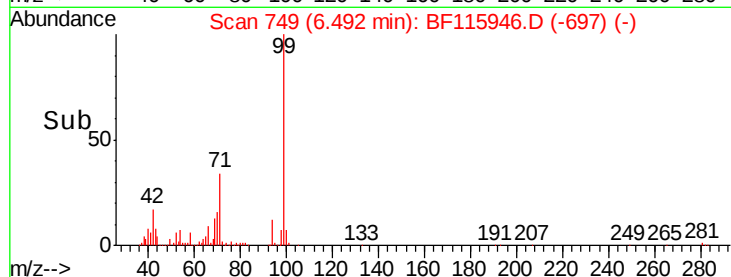


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.363 ng

RT: 6.65 min Scan# 775

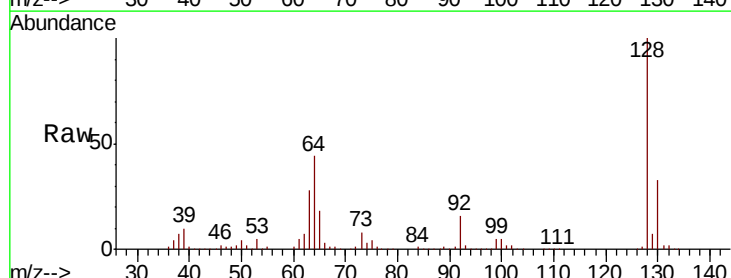
Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Tgt Ion: 128 Resp: 454122

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	43.9	26.1	66.1

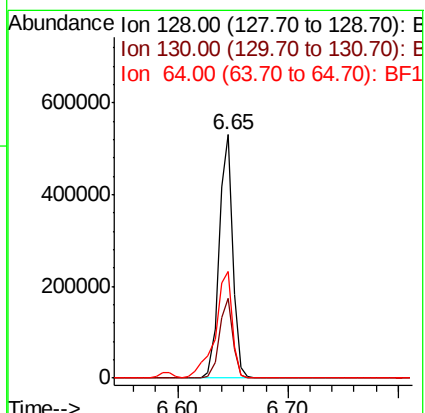
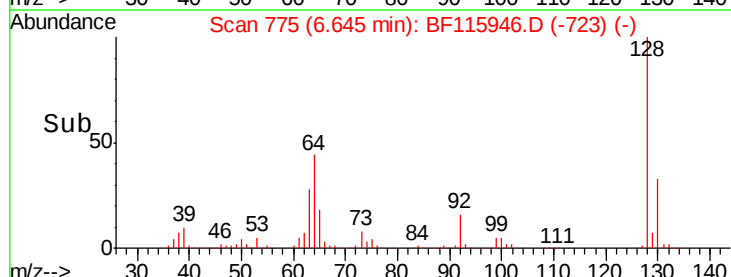


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

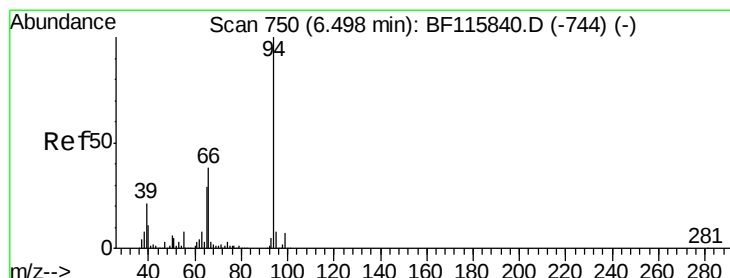
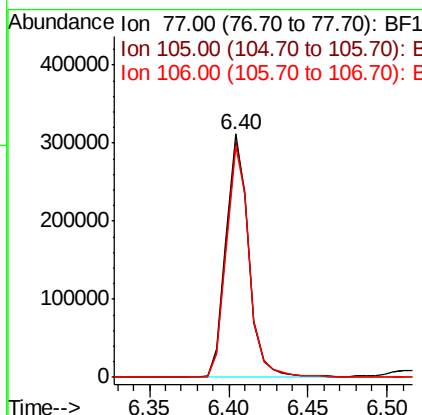
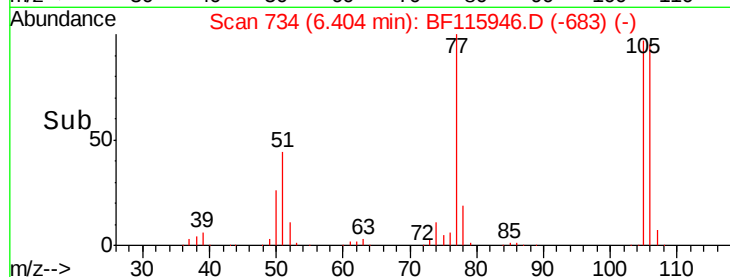
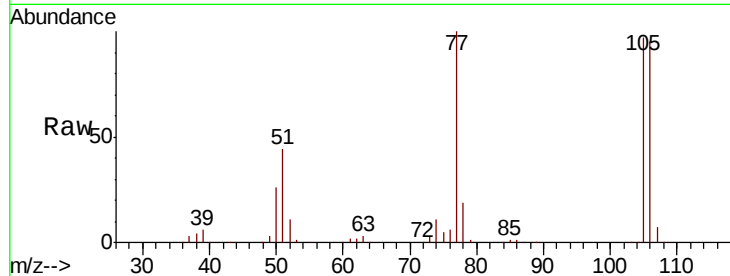




#9
Benzaldehyde
Concen: 36.693 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115946.D
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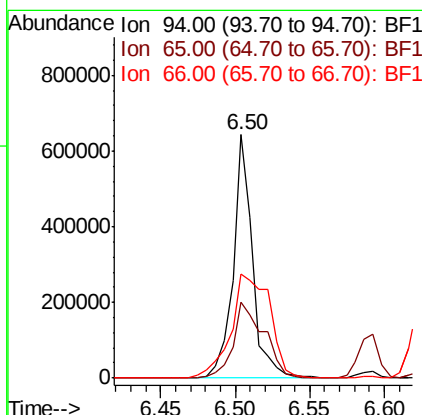
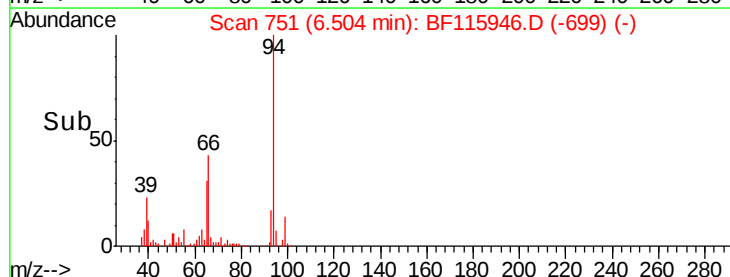
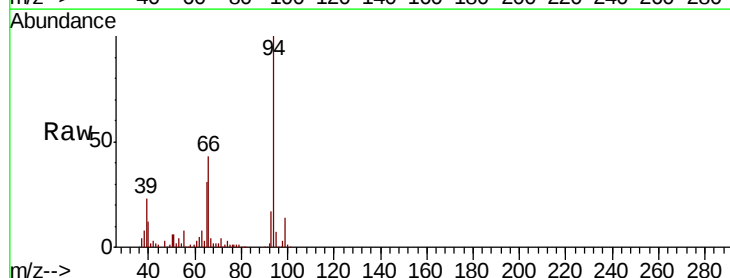
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

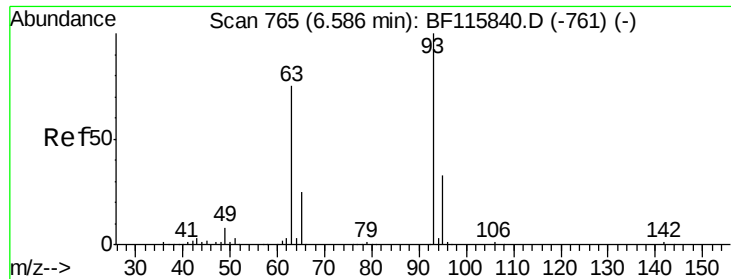
Tot Ion	Ratio	Lower	Upper
77	100		
105	97.3	79.0	119.0
106	94.8	76.2	116.2



#10
Phenol
Concen: 40.788 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	8.9	48.9
66	42.8	18.0	58.0





#11

bis(2-Chloroethyl)ether

Concen: 41.791 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

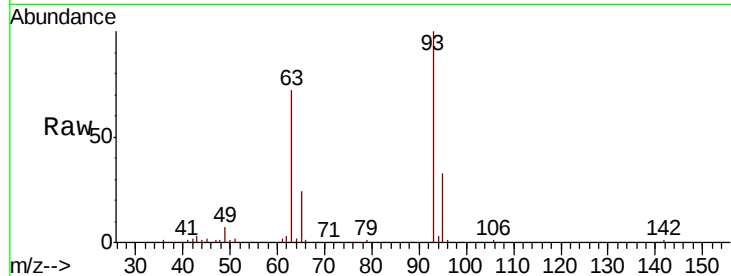
Tot Ion: 93 Resp: 442539

Ion Ratio Lower Upper

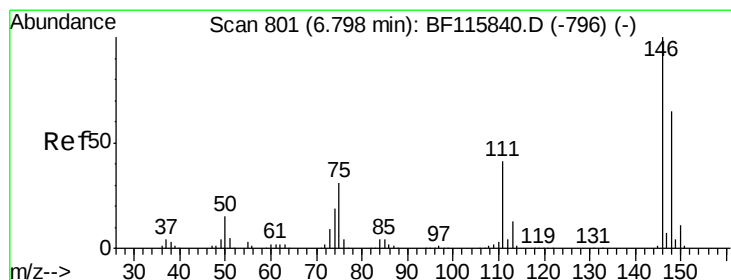
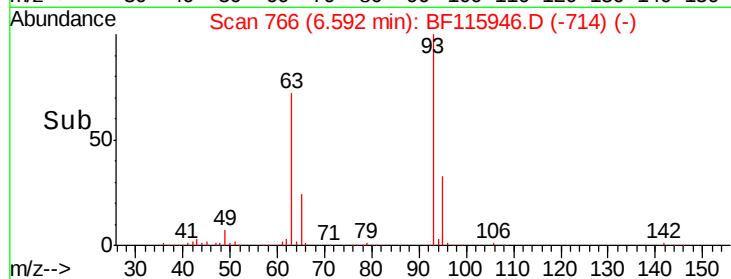
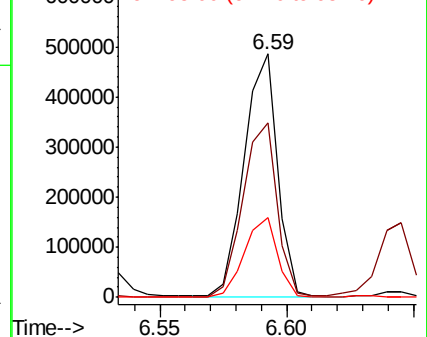
93 100

63 71.9 54.9 94.9

95 32.8 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.229 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

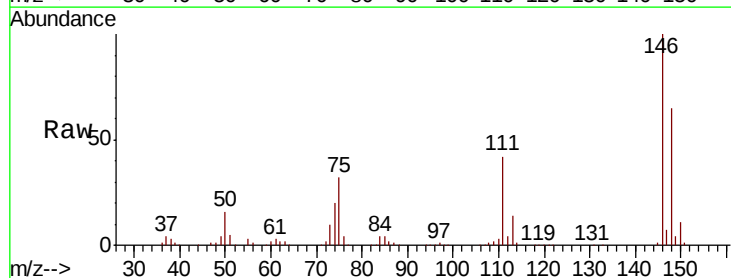
Tgt Ion: 146 Resp: 498387

Ion Ratio Lower Upper

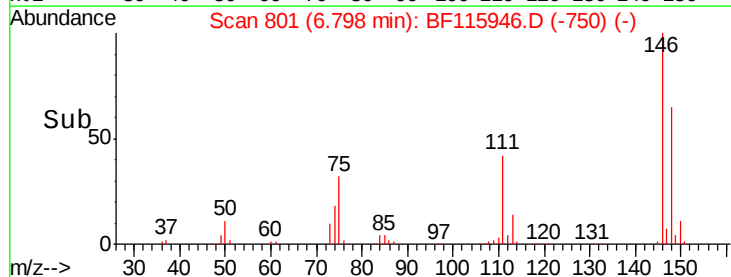
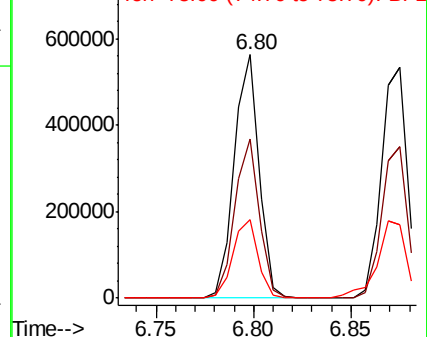
146 100

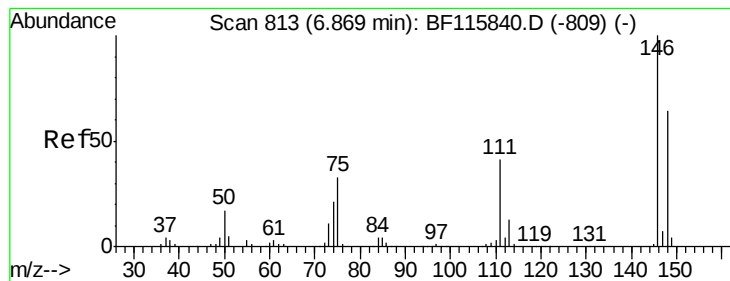
148 65.2 52.1 78.1

75 32.3 25.0 37.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.246 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

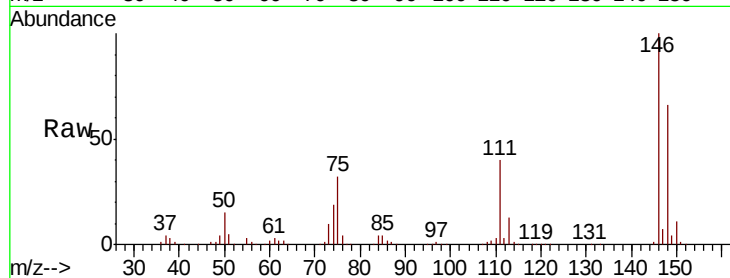
Tot Ion:146 Resp: 499222

Ion Ratio Lower Upper

146 100

148 66.0 51.2 76.8

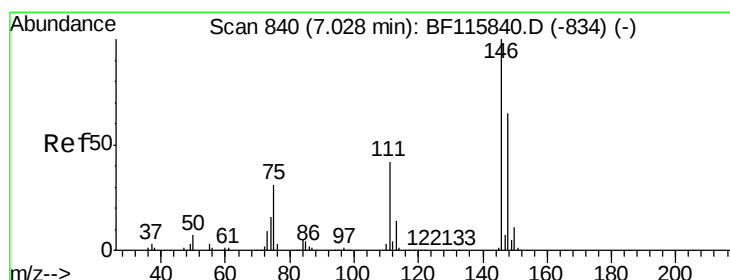
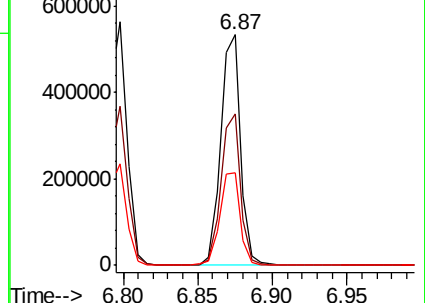
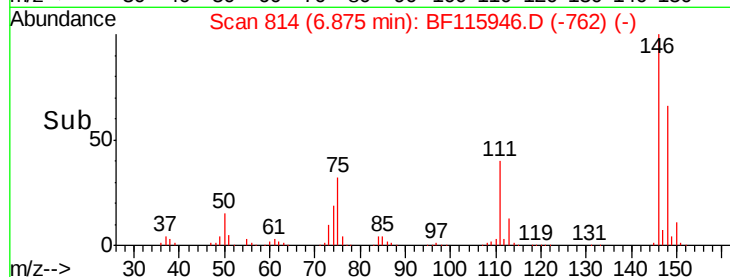
111 40.1 33.2 49.8



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: 40.203 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

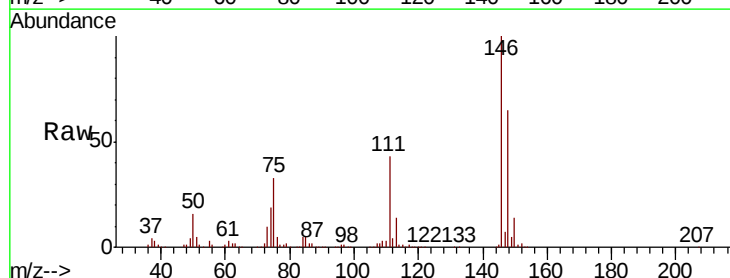
Tgt Ion:146 Resp: 459196

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

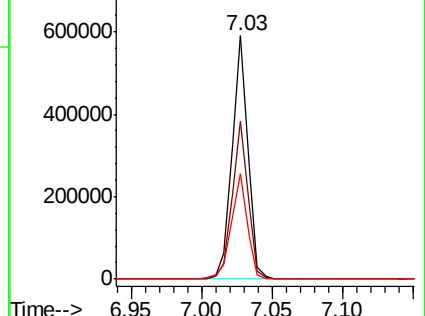
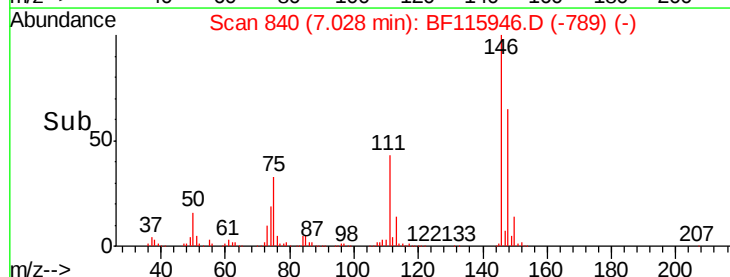
111 43.3 33.6 50.4

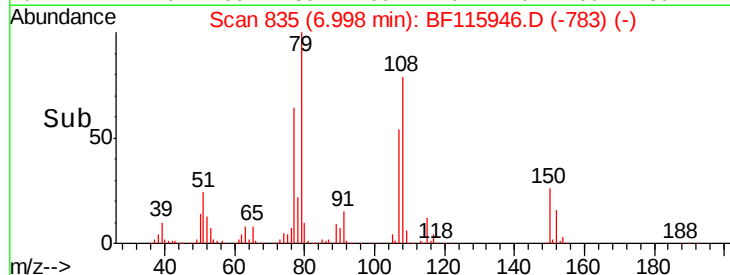
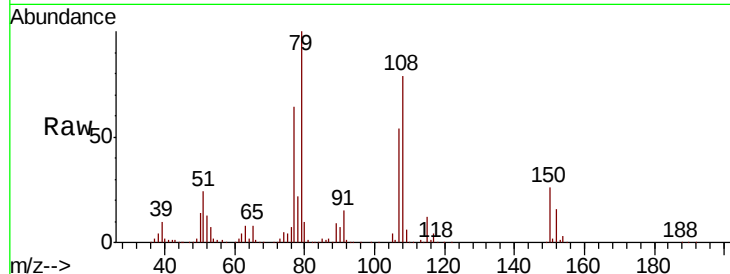
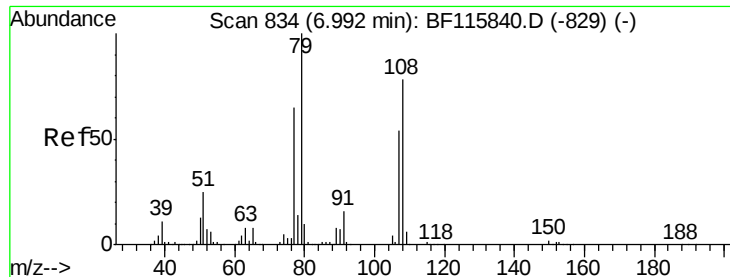


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.178 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

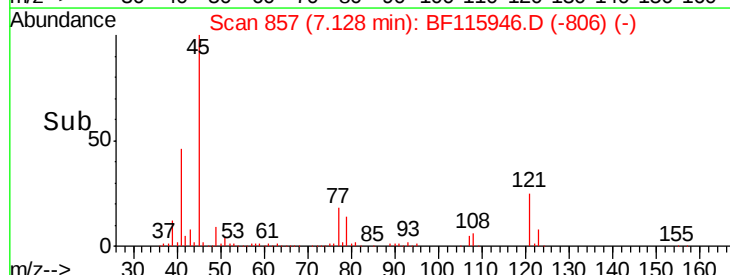
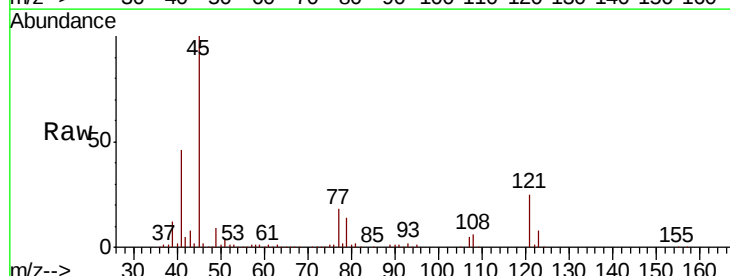
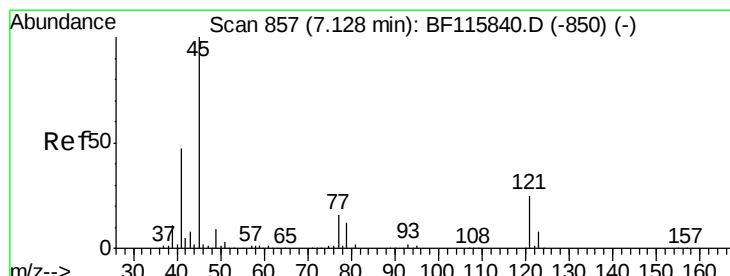
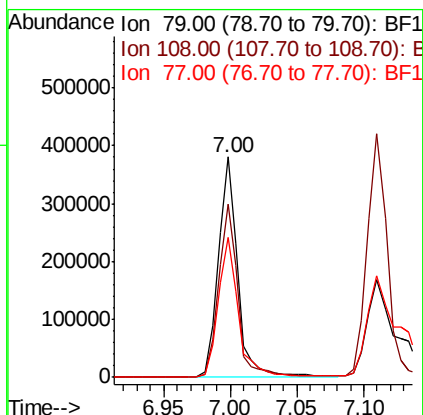
Tot Ion: 79 Resp: 391494

Ion Ratio Lower Upper

79 100

108 79.0 62.8 94.2

77 63.6 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.171 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

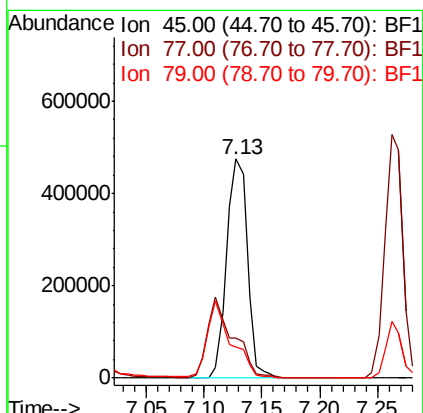
Tgt Ion: 45 Resp: 594656

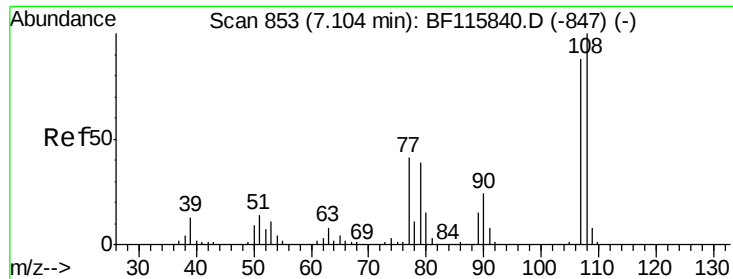
Ion Ratio Lower Upper

45 100

77 18.4 0.0 36.3

79 14.3 0.0 32.5

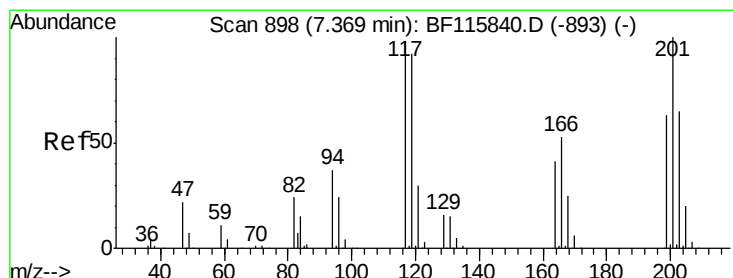
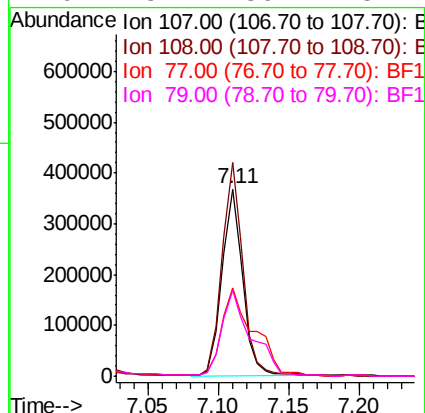
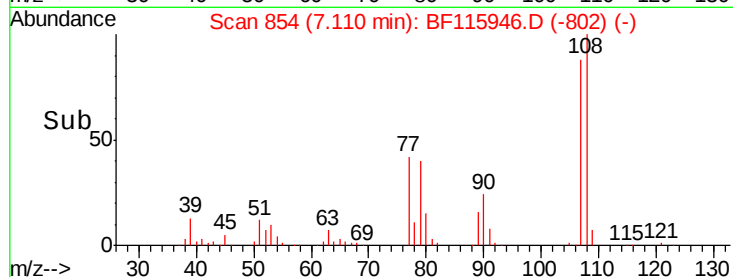
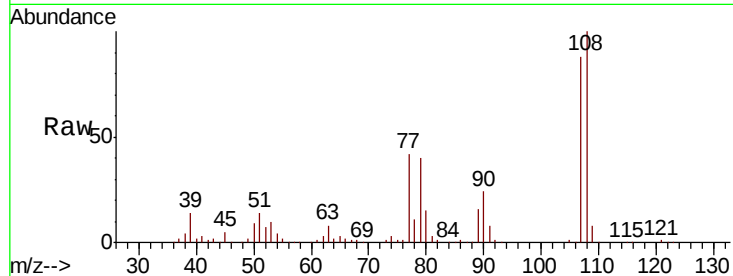




#17
2-Methylphenol
Concen: 41.561 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

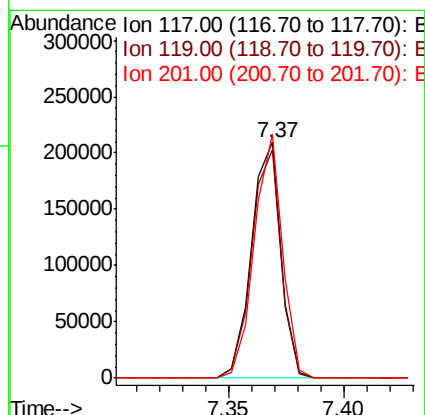
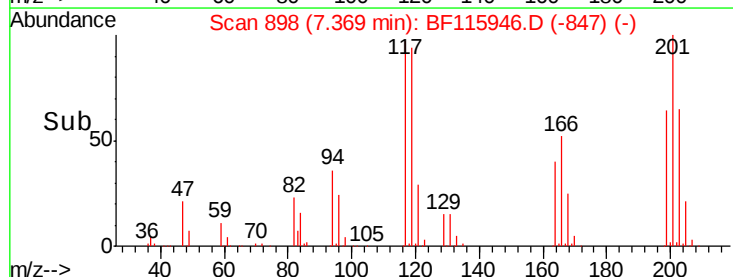
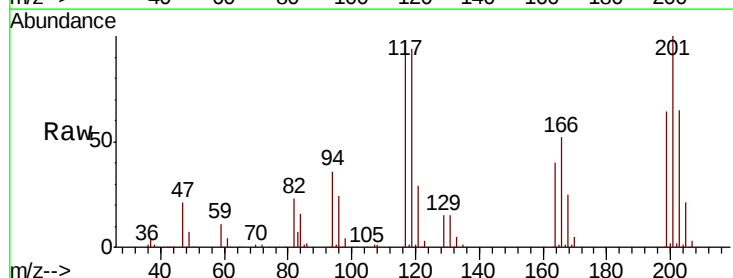
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:107 Resp: 377249
Ion Ratio Lower Upper
107 100
108 114.2 91.4 137.0
77 47.4 37.6 56.4
79 45.7 36.2 54.4



#18
Hexachloroethane
Concen: 40.900 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion:117 Resp: 186791
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.6
201 103.4 82.0 123.0

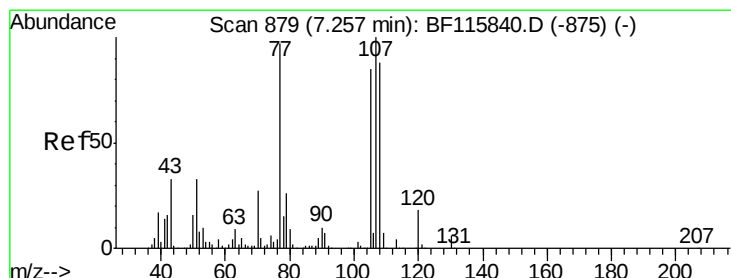
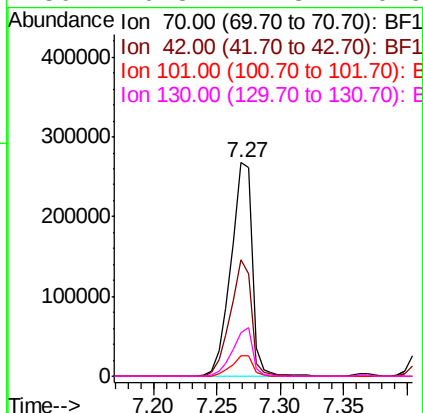
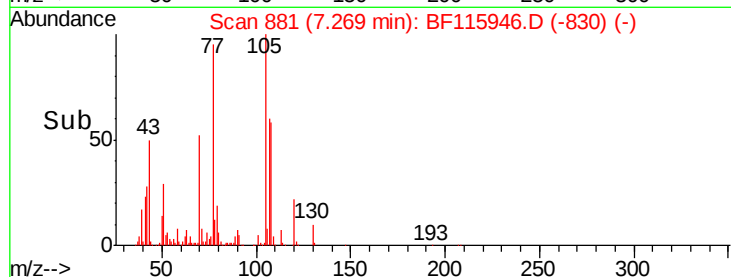
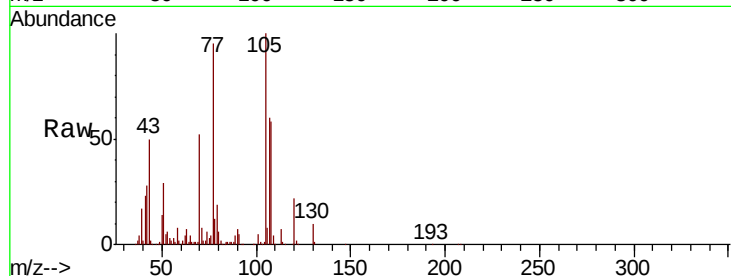




#19
n-Nitroso-di-n-propylamine
Concen: 40.893 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

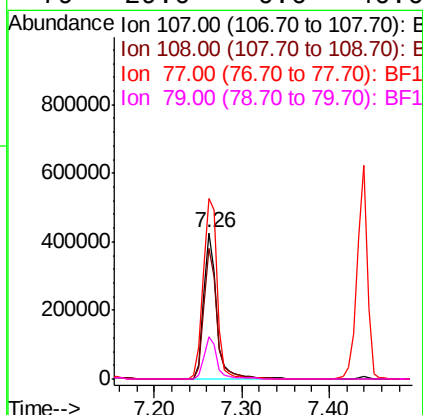
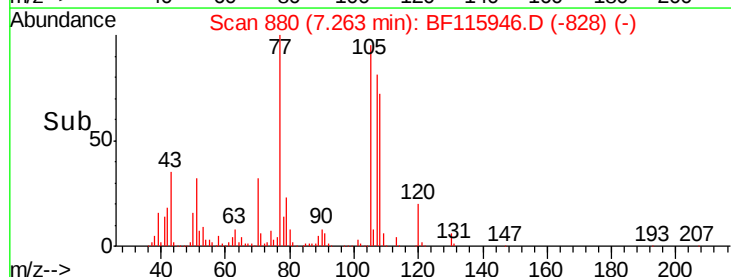
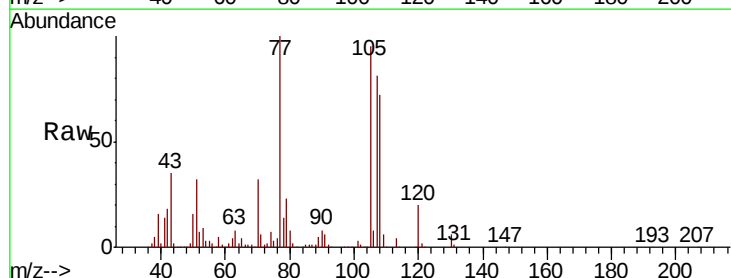
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	70	Resp:	309930
Ion	Ratio	Lower	Upper
70	100		
42	54.7	41.8	62.8
101	9.4	7.7	11.5
130	20.3	17.8	26.6



#20
3+4-Methylphenols
Concen: 40.575 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion:	107	Resp:	435830
Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.9	107.9
77	123.8	77.3	117.3#
79	29.0	6.6	46.6

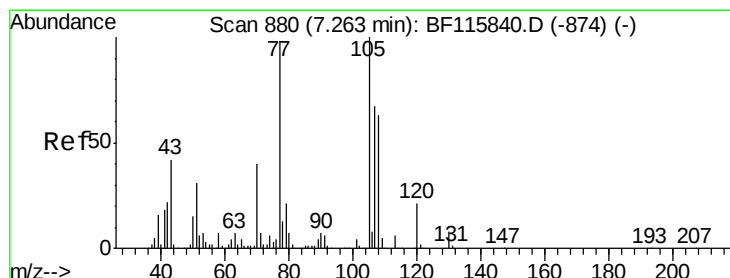
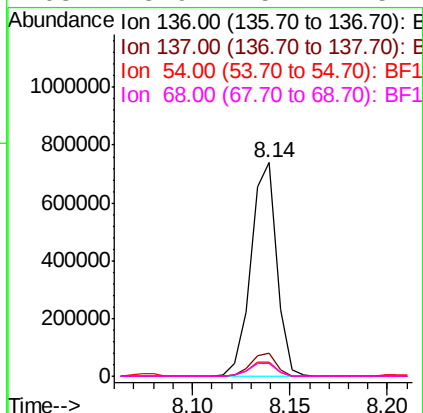
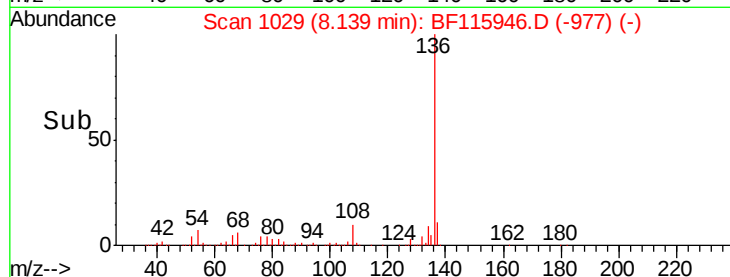
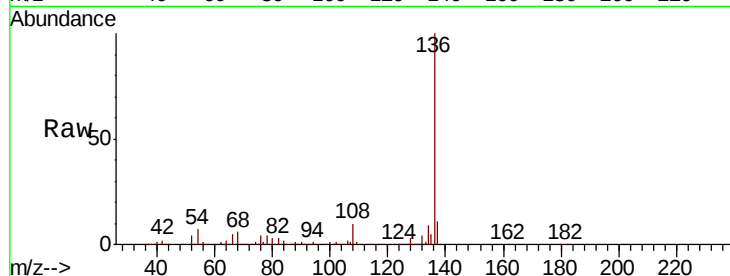




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

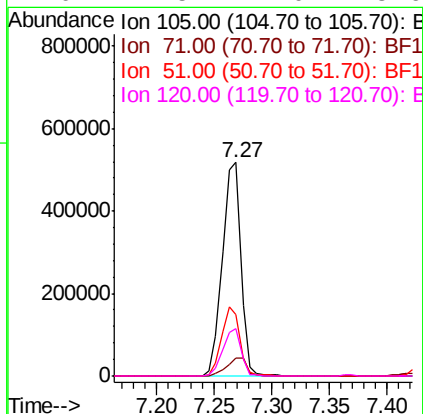
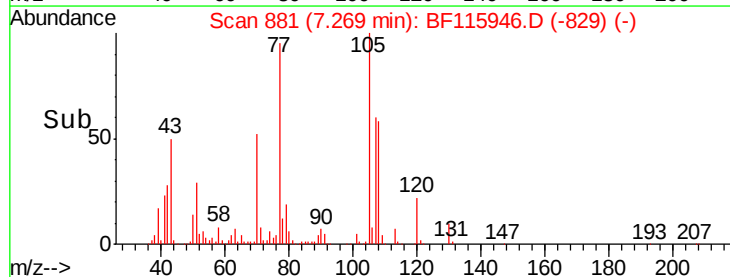
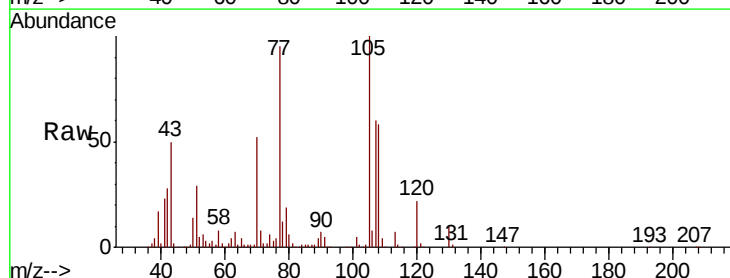
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

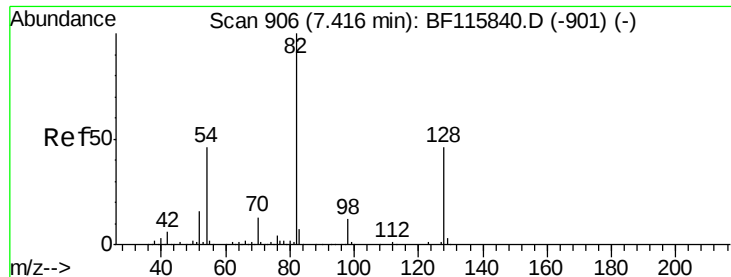
Tot Ion:136	Resp: 679452
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 6.7	6.1 9.1
68 5.9	5.4 8.2



#22
Acetophenone
Concen: 38.991 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt	Ion:105	Resp:	581021
Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.4	8.0#
51	28.6	24.6	36.8
120	22.5	17.0	25.6

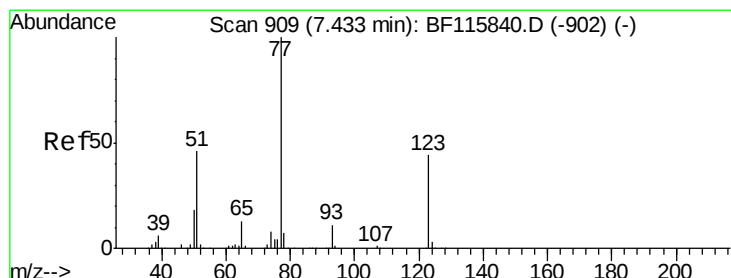
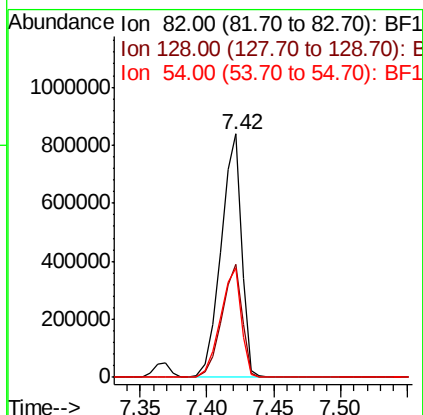
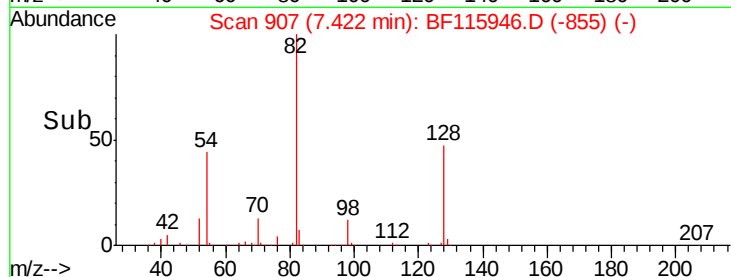
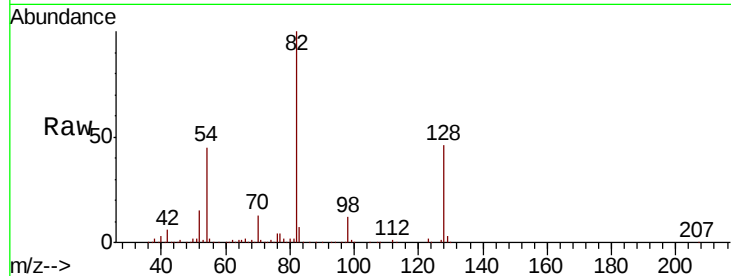




#23
Nitrobenzene-d5
Concen: 78.022 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

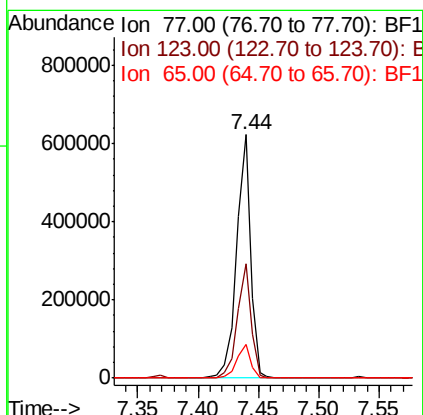
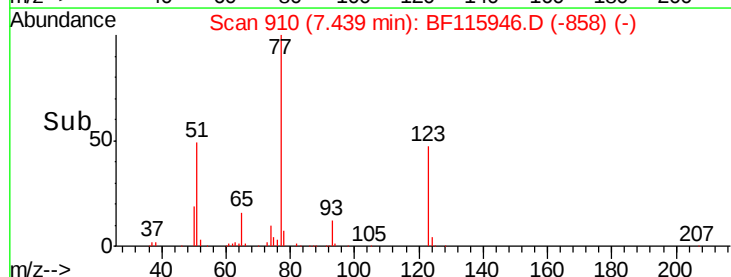
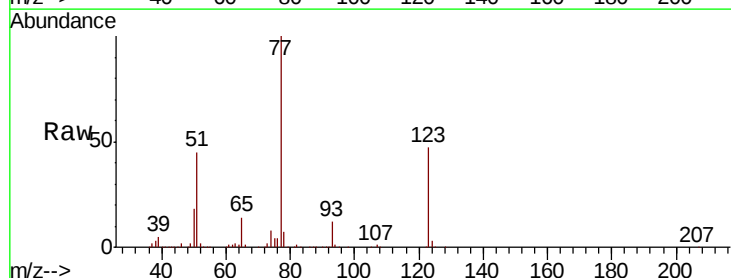
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 918392
Ion Ratio Lower Upper
82 100
128 46.4 36.6 55.0
54 44.9 36.6 55.0



#24
Nitrobenzene
Concen: 39.846 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion: 77 Resp: 506433
Ion Ratio Lower Upper
77 100
123 46.8 35.5 53.3
65 13.7 10.6 15.8

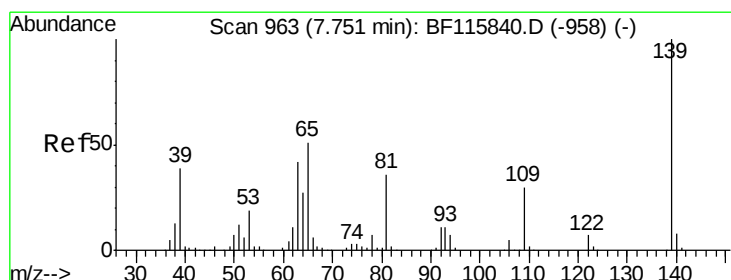
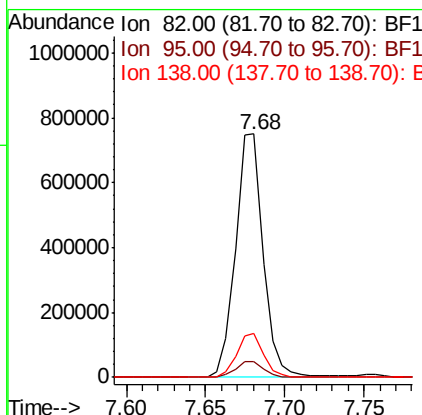
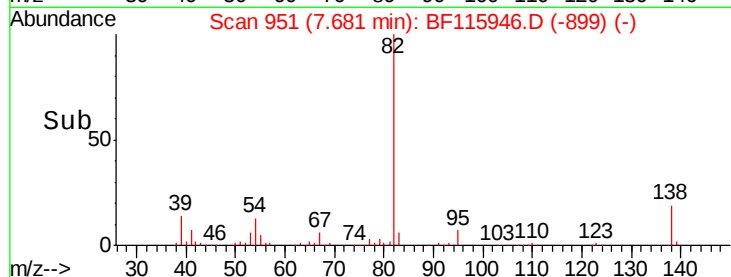
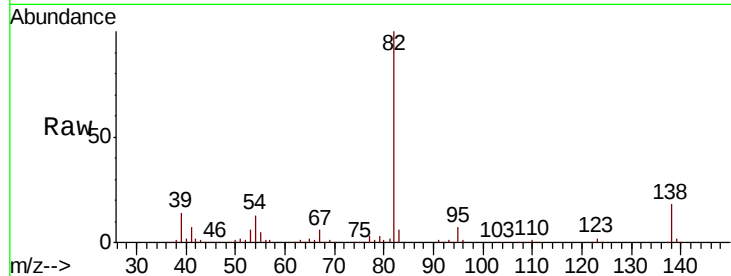




#25
Isophorone
Concen: 40.340 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

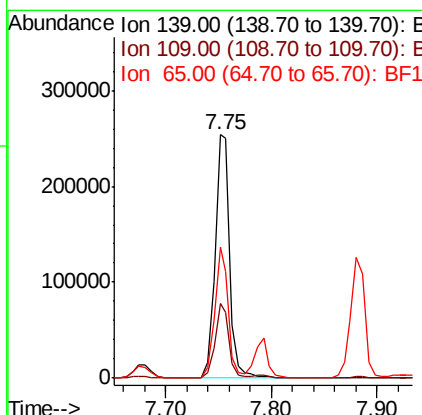
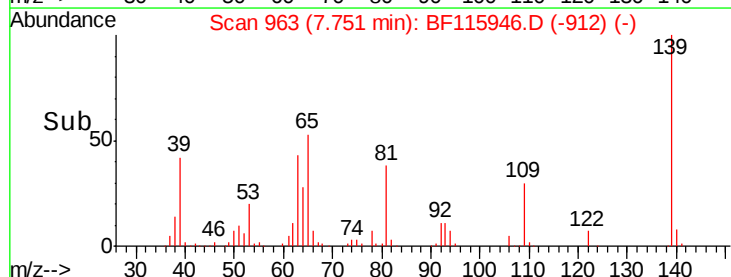
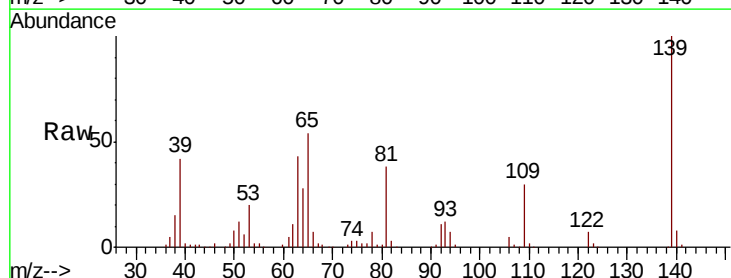
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

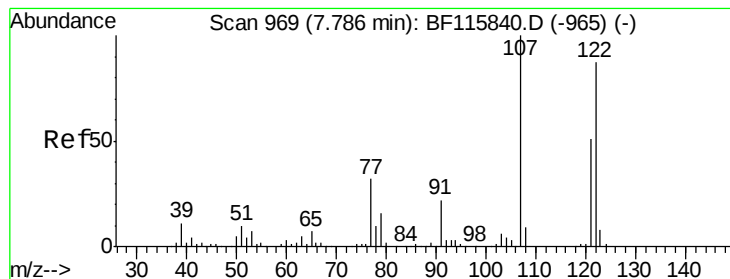
Tot Ion: 82 Resp: 907955
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 41.892 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion: 139 Resp: 250982
Ion Ratio Lower Upper
139 100
109 30.5 23.6 35.4
65 53.8 40.6 60.8





#27

2,4-Dimethylphenol

Concen: 39.572 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

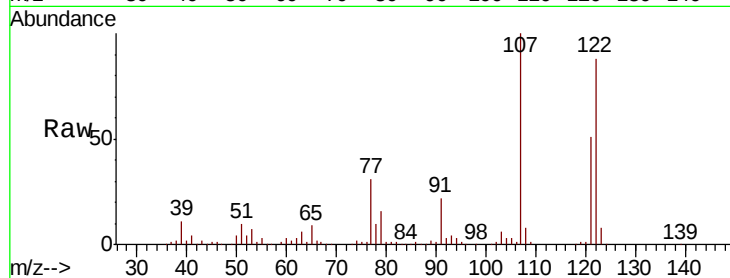
Tot Ion:122 Resp: 356684

Ion Ratio Lower Upper

122 100

107 113.8 91.7 137.5

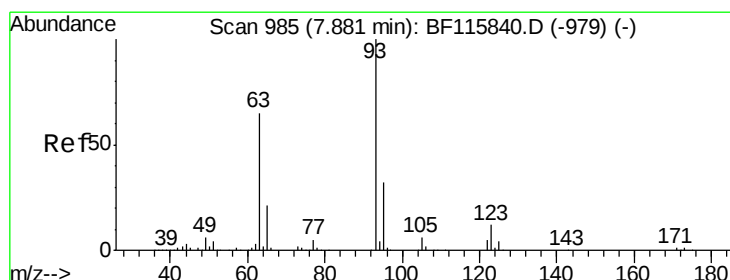
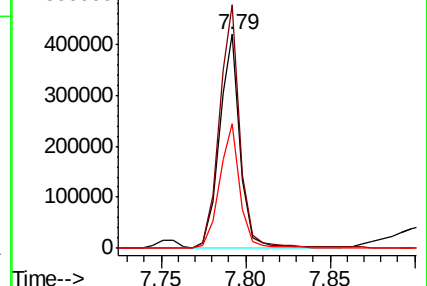
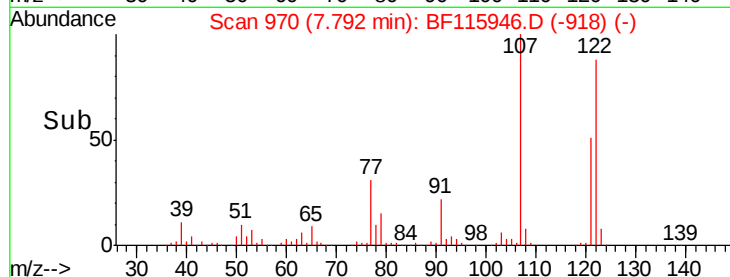
121 58.1 46.6 70.0



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: 40.430 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

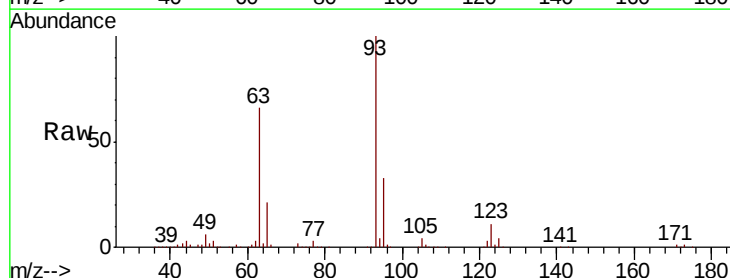
Tgt Ion: 93 Resp: 564018

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

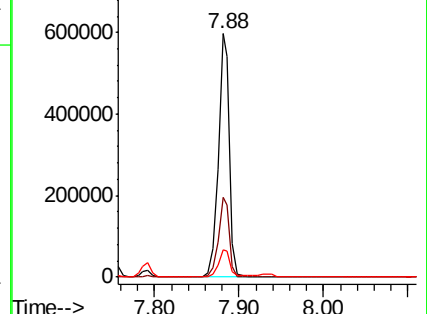
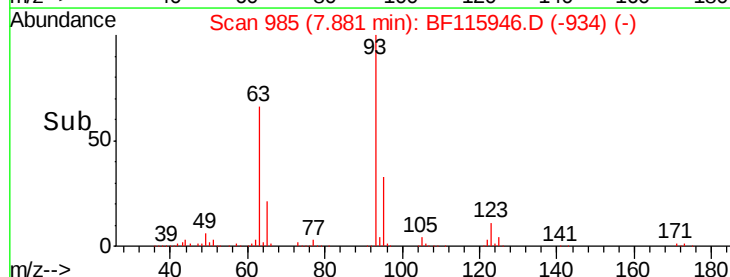
123 11.3 9.5 14.3



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

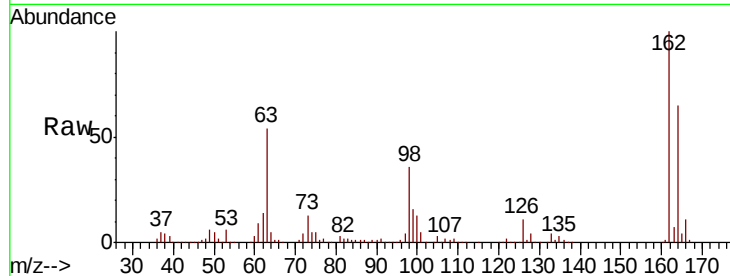




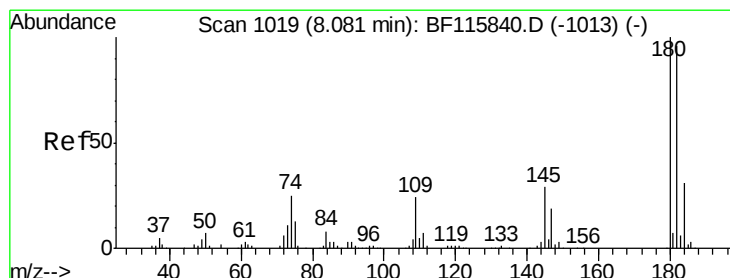
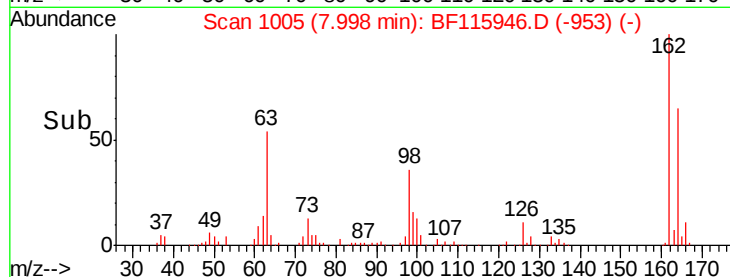
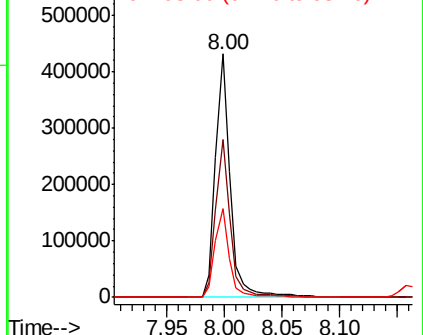
#29
 2,4-Dichlorophenol
 Concen: 40.556 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 385978
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.2 83.2
 98 36.4 17.3 57.3

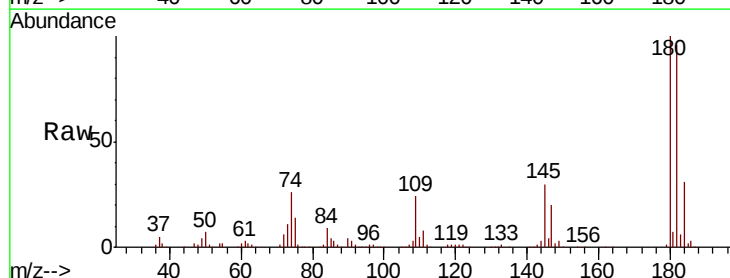


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

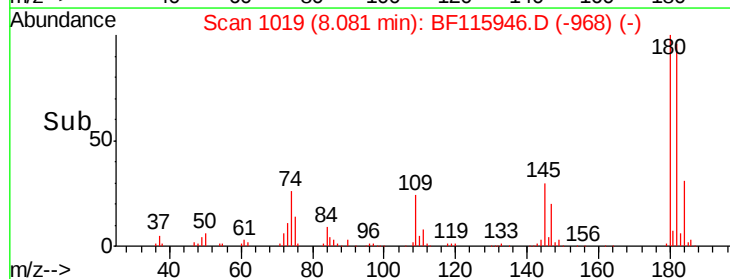
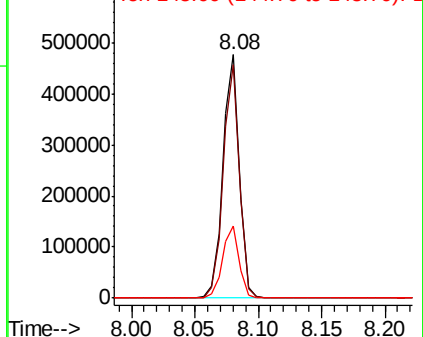


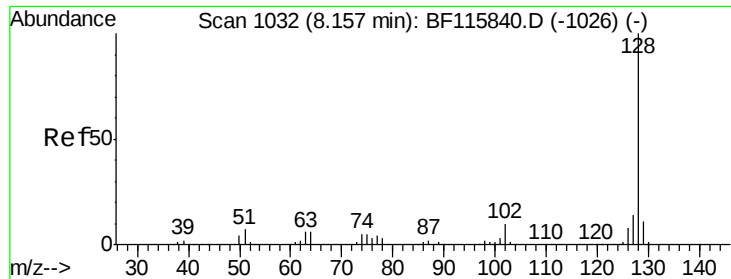
#30
 1,2,4-Trichlorobenzene
 Concen: 39.483 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Tgt Ion:180 Resp: 428336
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.6 114.8
 145 29.7 23.2 34.8



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

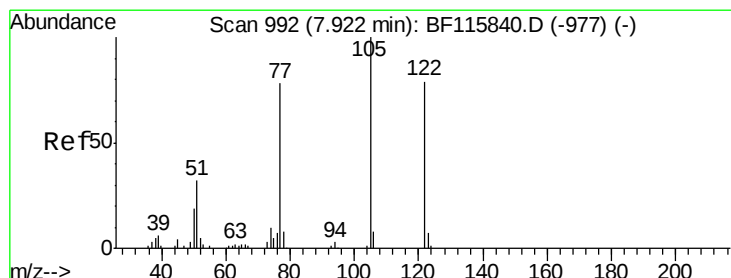
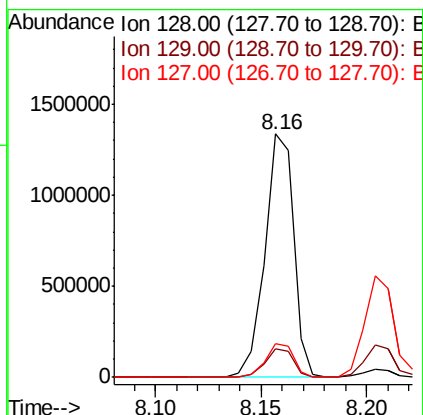
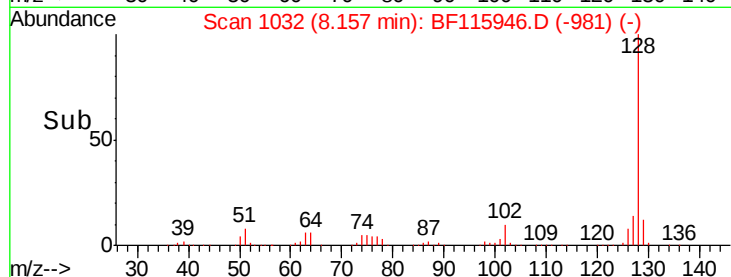
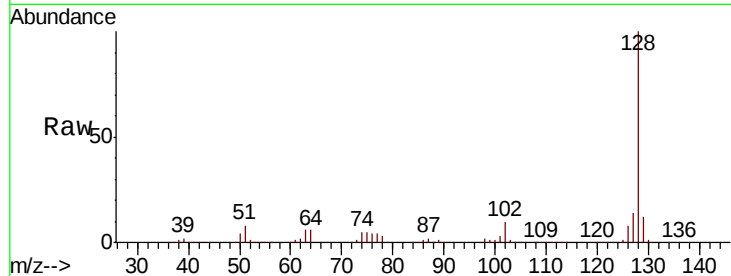




#31
Naphthalene
Concen: 39.752 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

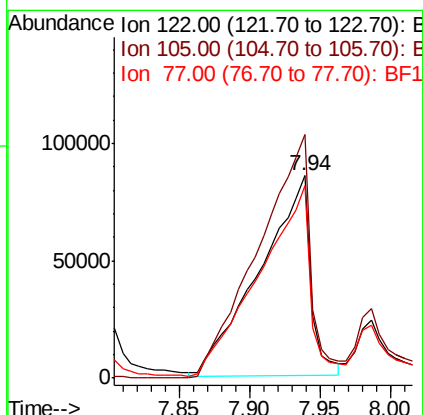
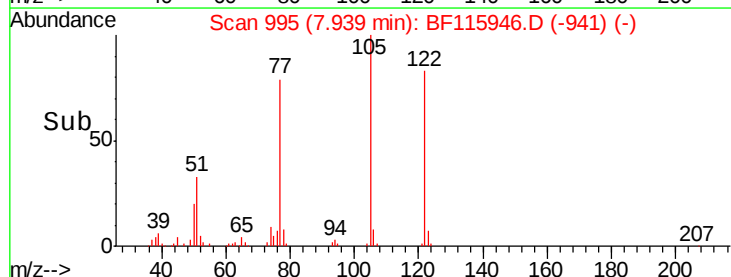
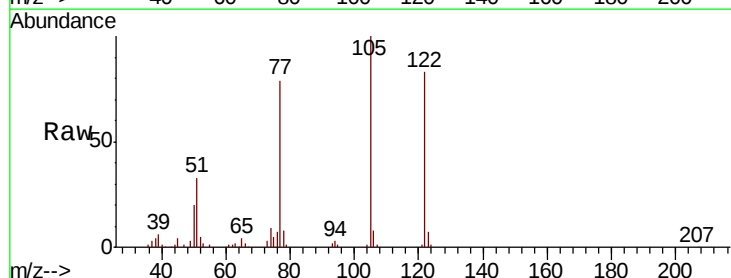
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1271005
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.9 11.0 16.4



#32
Benzoic acid
Concen: 33.704 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion:122 Resp: 214187
Ion Ratio Lower Upper
122 100
105 120.3 103.1 143.1
77 95.3 76.8 116.8

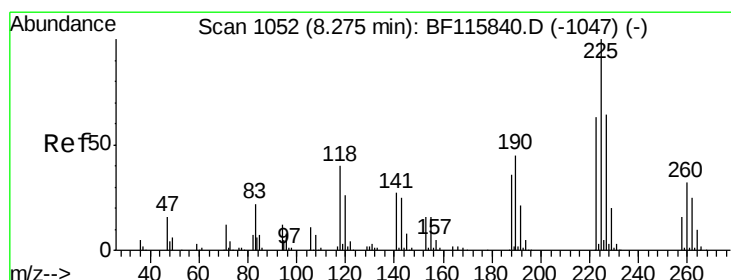
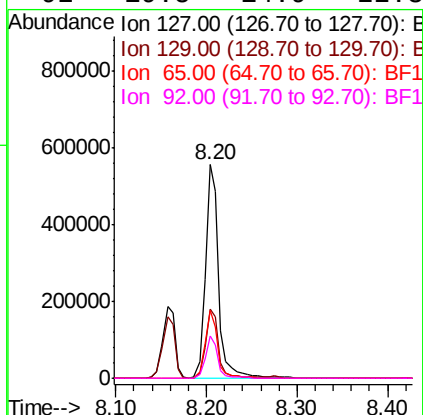
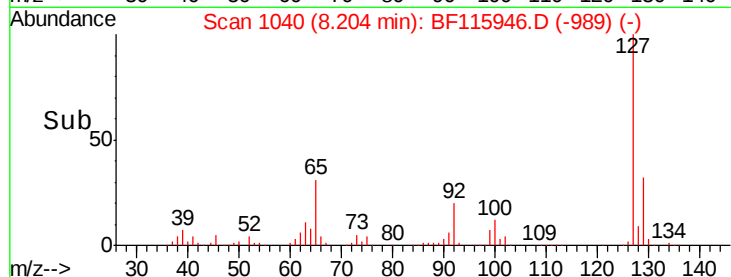
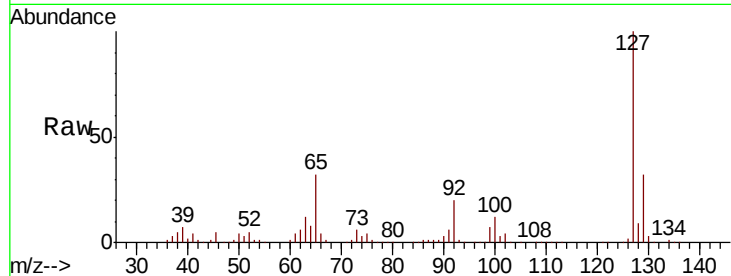




#33
4-Chloroaniline
Concen: 39.748 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

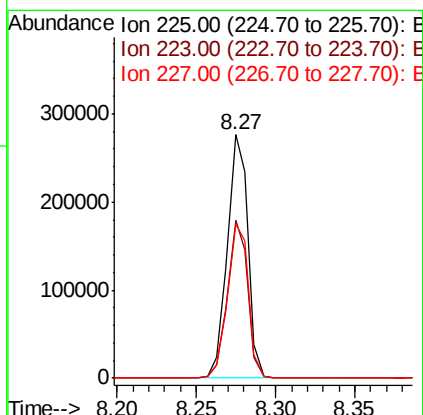
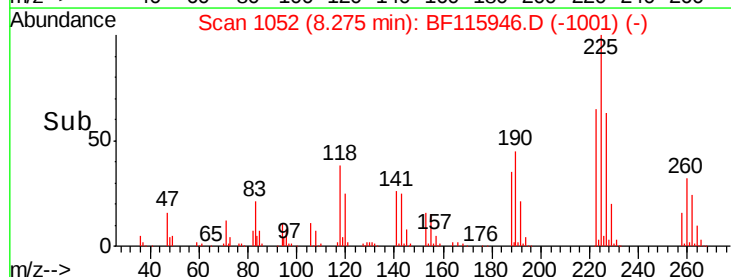
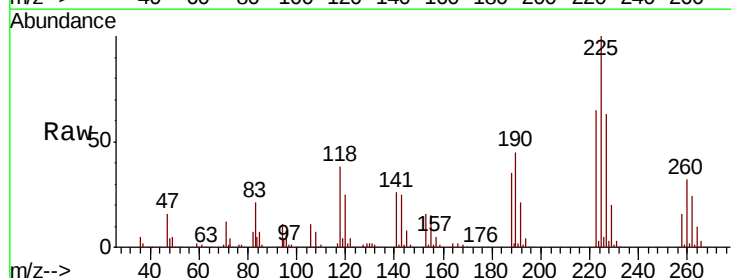
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	567841
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	31.7	23.9	35.9
92	19.5	14.9	22.3



#34
Hexachlorobutadiene
Concen: 39.749 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion:	225	Resp:	248383
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.4	75.6
227	63.2	51.6	77.4

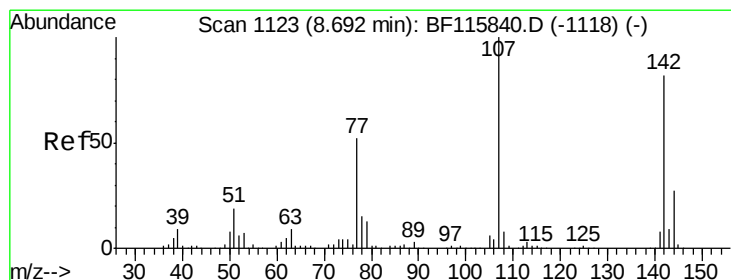
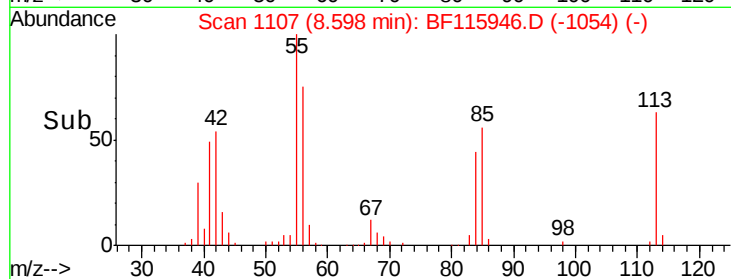
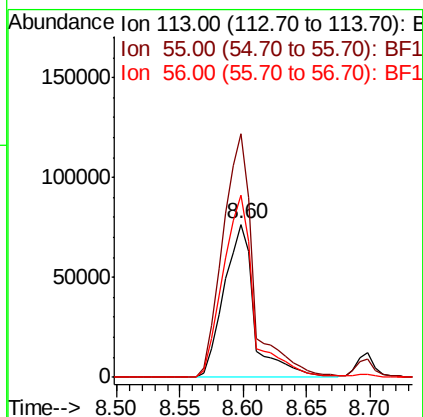
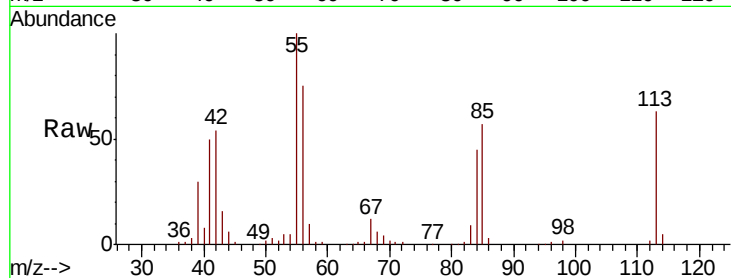




#35
 Caprolactam
 Concen: 41.488 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

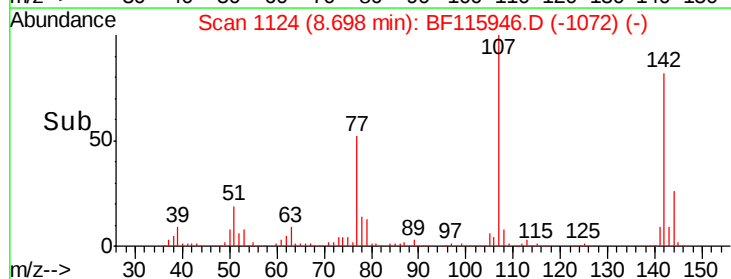
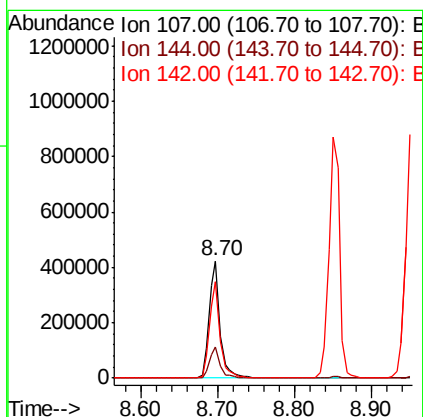
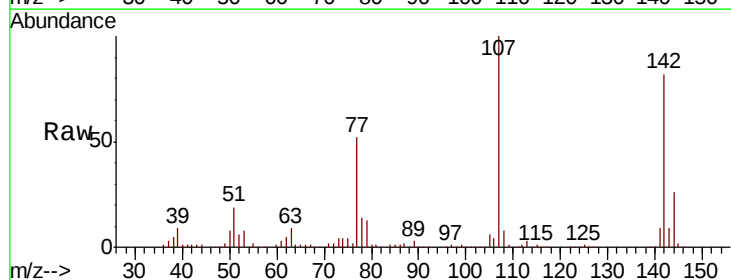
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

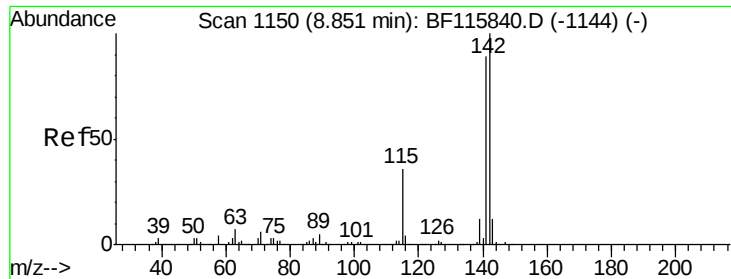
Tot Ion:113 Resp: 127705
 Ion Ratio Lower Upper
 113 100
 55 159.4 138.1 178.1
 56 119.6 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.217 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Tgt Ion:107 Resp: 408085
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.4 32.0
 142 82.4 65.5 98.3

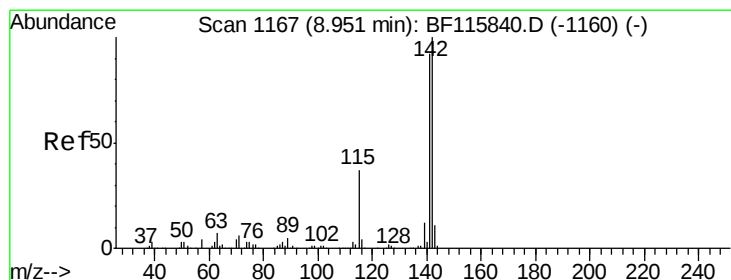
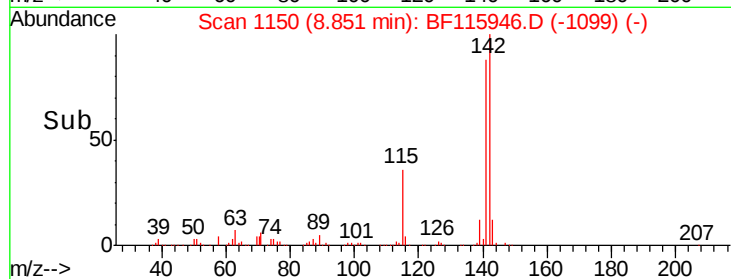
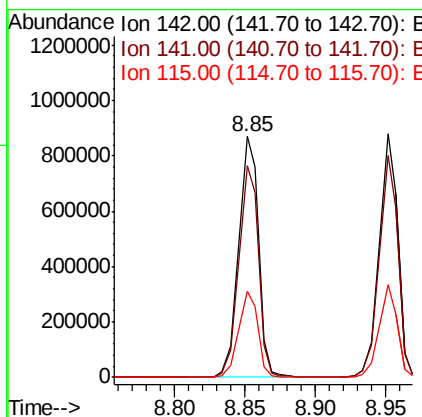
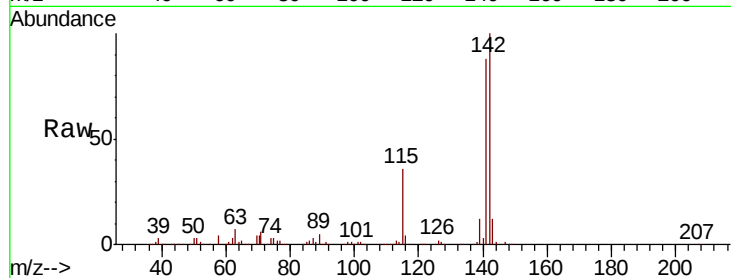




#37
2-Methylnaphthalene
Concen: 40.217 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

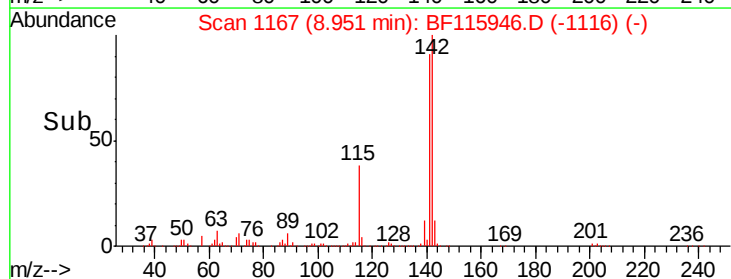
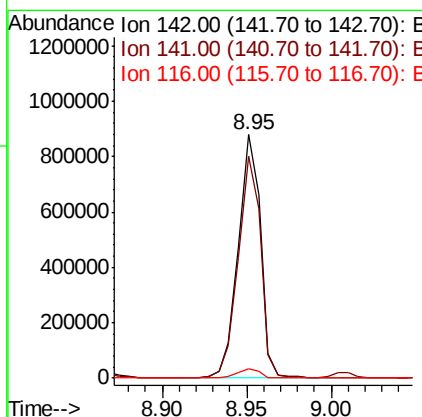
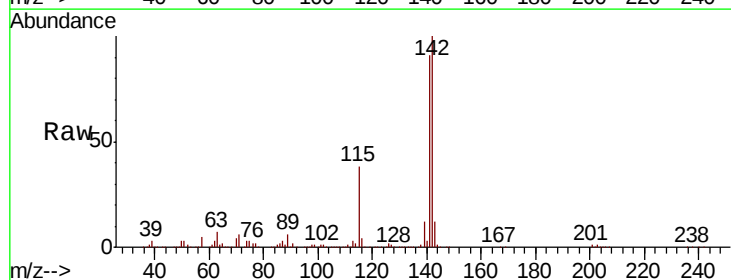
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.2
115	35.9	28.9	43.3



#38
1-Methylnaphthalene
Concen: 40.374 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.8	110.6
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

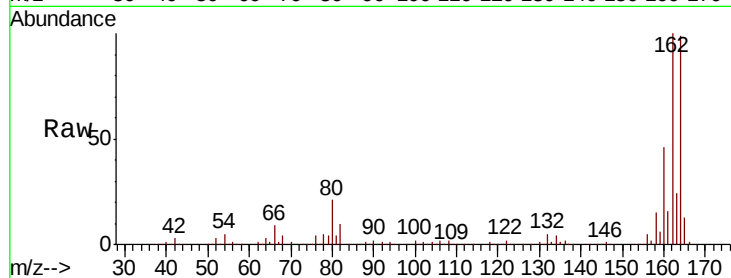
Tot Ion:164 Resp: 347512

Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

160 46.2 36.2 54.4

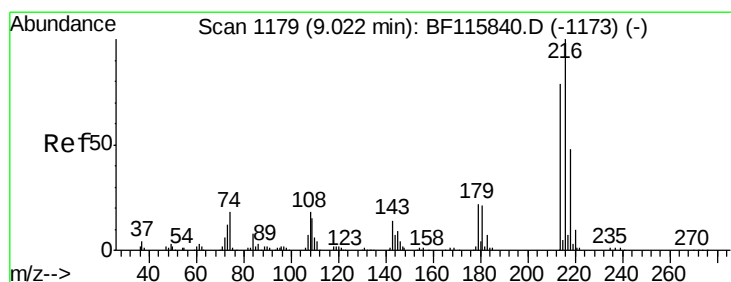
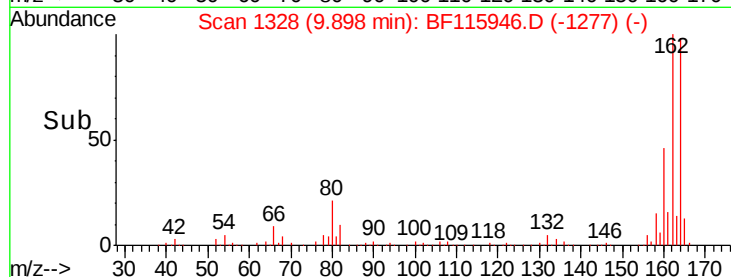
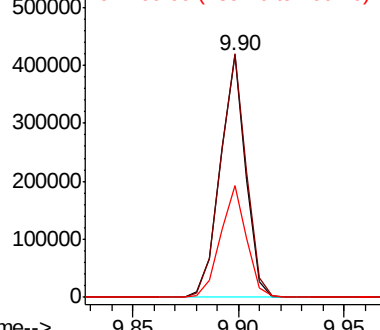


Abundance

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: 41.695 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Tgt Ion:216 Resp: 387366

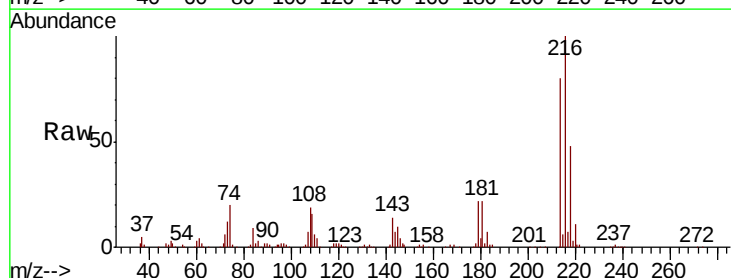
Ion Ratio Lower Upper

216 100

214 79.5 62.8 94.2

179 21.9 17.6 26.4

108 20.2 16.1 24.1



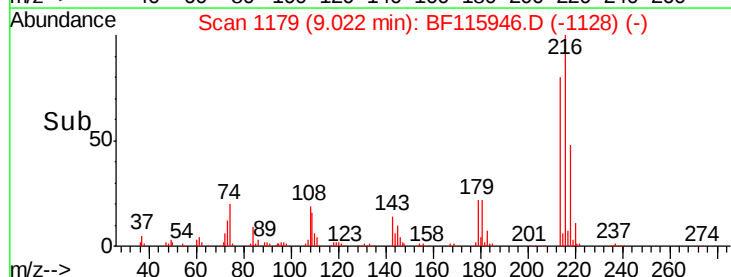
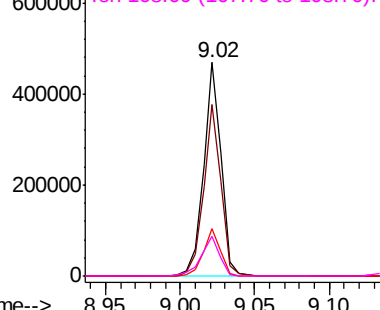
Abundance

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: 34.666 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

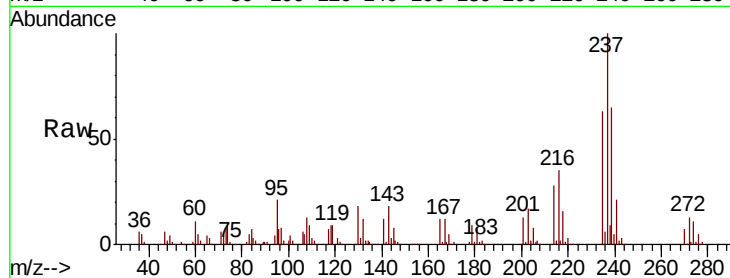
Tot Ion:237 Resp: 129467

Ion Ratio Lower Upper

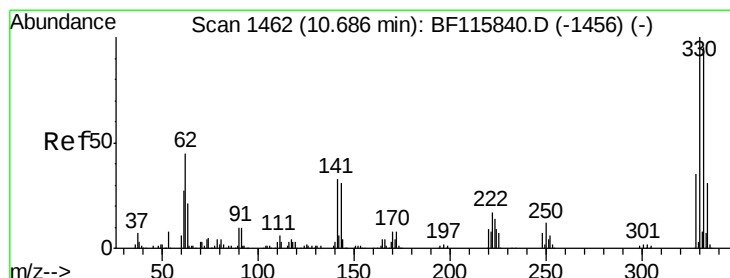
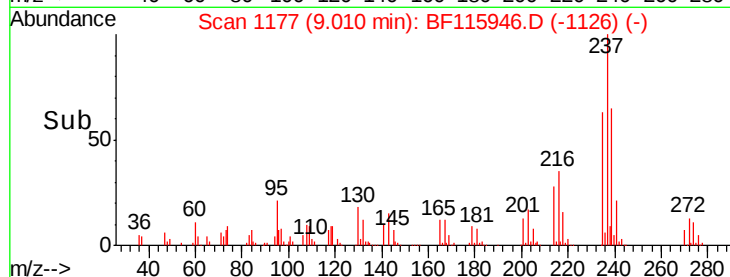
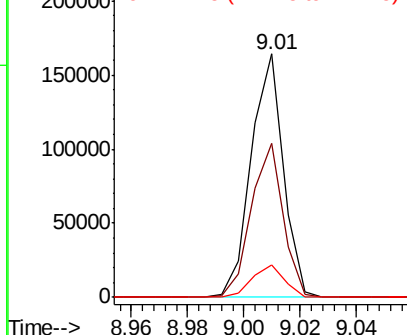
237 100

235 63.0 42.5 82.5

272 13.4 0.0 33.3



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: 85.717 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

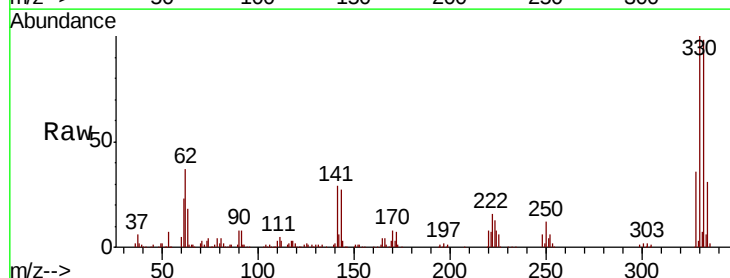
Tgt Ion:330 Resp: 288799

Ion Ratio Lower Upper

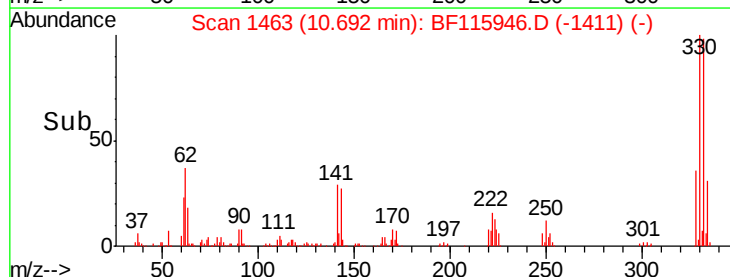
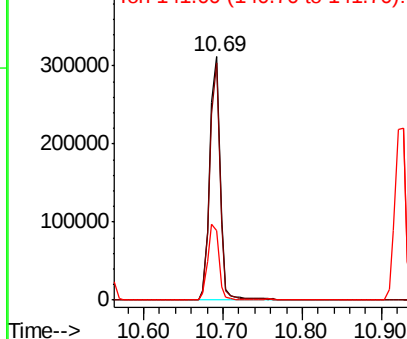
330 100

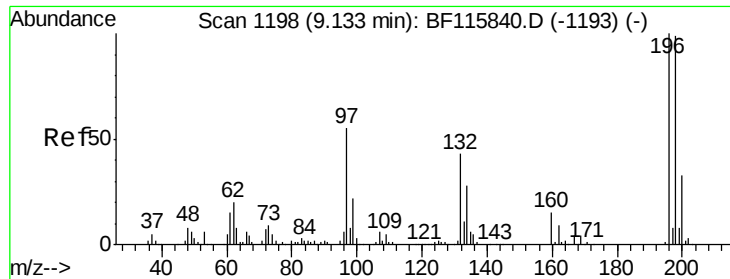
332 96.5 77.7 116.5

141 33.6 28.1 42.1



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

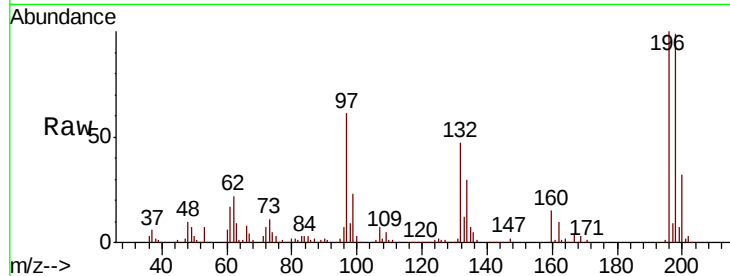




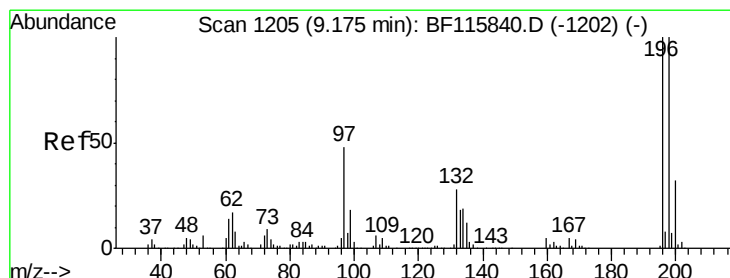
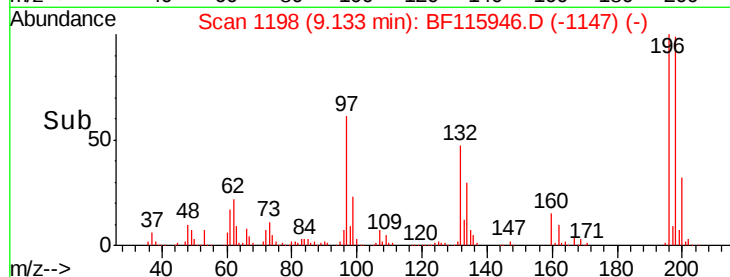
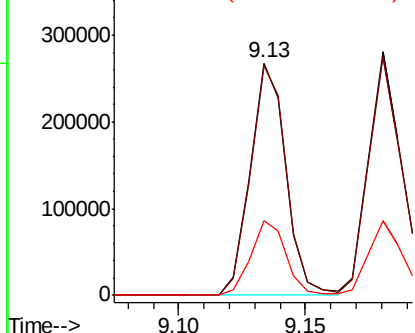
#43
 2,4,6-Trichlorophenol
 Concen: 41.066 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.7	79.1	118.7
200	32.0	26.0	39.0

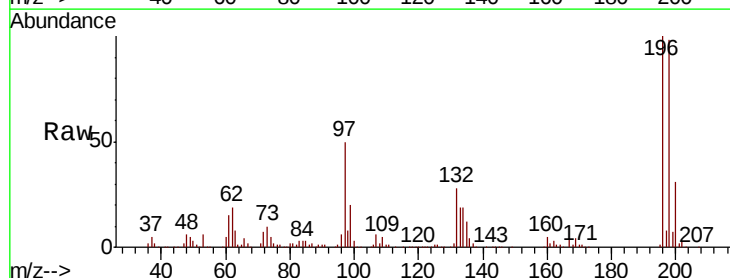


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

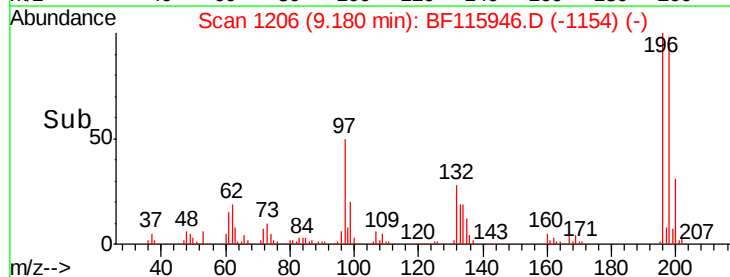
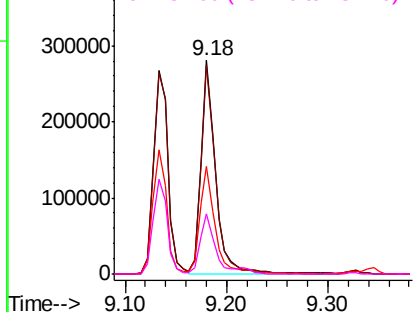


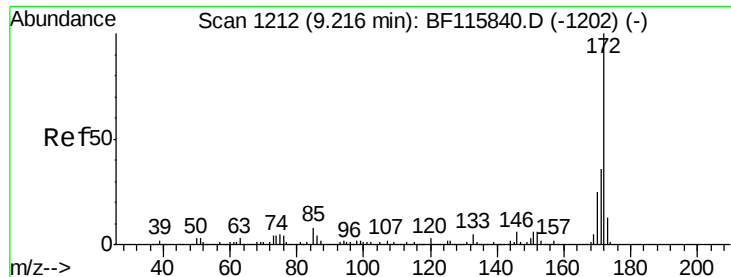
#44
 2,4,5-Trichlorophenol
 Concen: 42.151 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	80.1	120.1
97	50.2	38.9	58.3
132	28.4	22.6	33.8



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

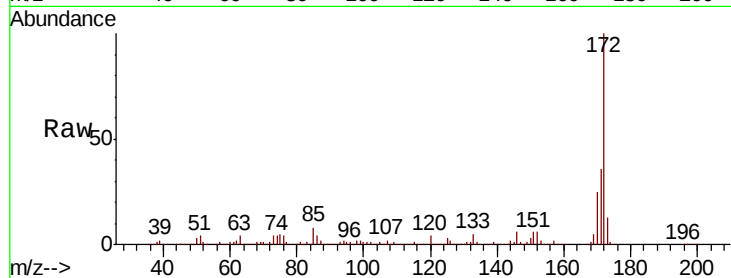




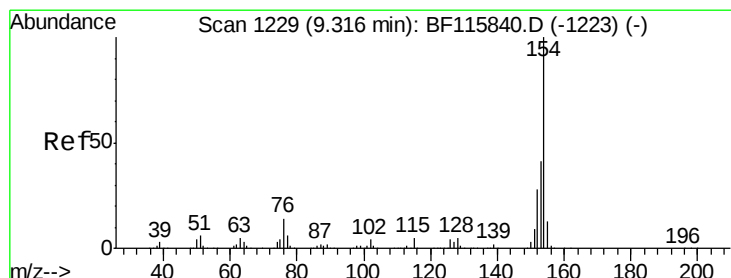
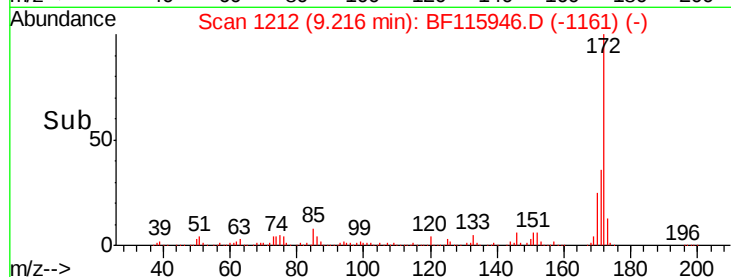
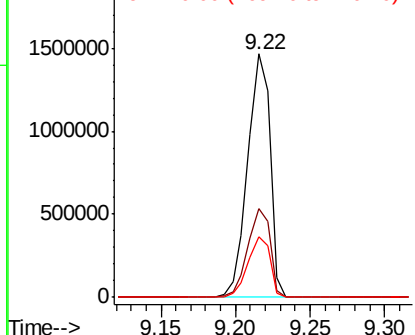
#45
2-Fluorobiphenyl
Concen: 81.963 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1520654
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 25.1 20.1 30.1

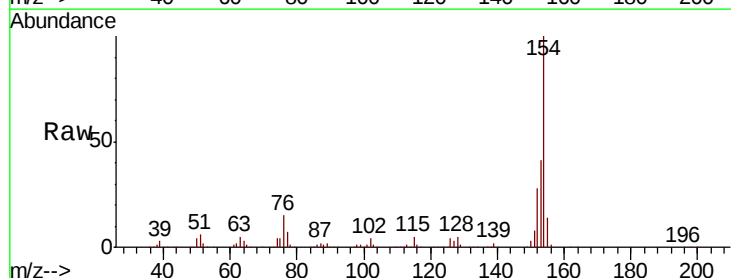


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

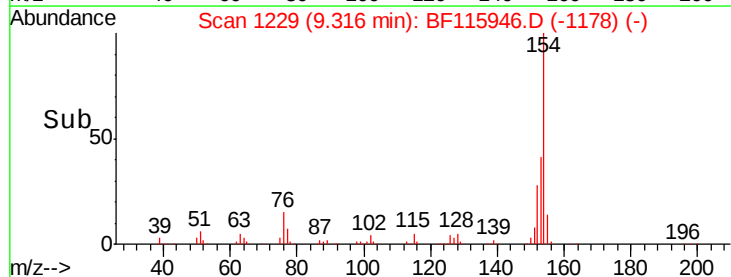
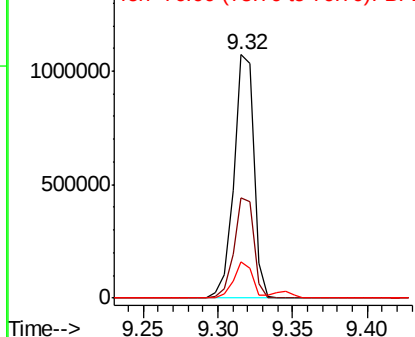


#46
1,1'-Biphenyl
Concen: 41.451 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion:154 Resp: 1016978
Ion Ratio Lower Upper
154 100
153 41.4 20.9 60.9
76 14.8 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

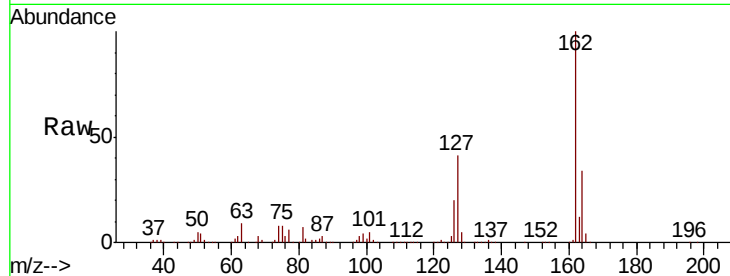




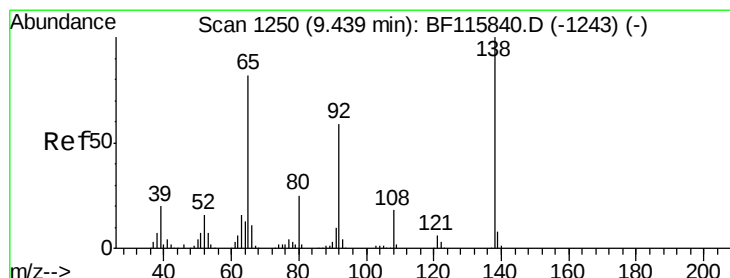
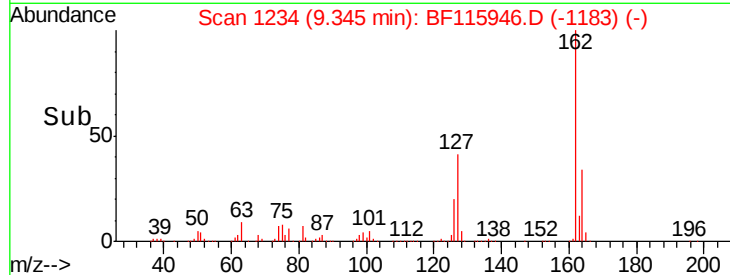
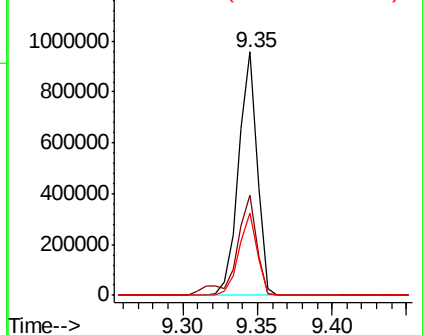
#47
 2-Chloronaphthalene
 Concen: 40.883 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	162	Resp:	834811
Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.3	46.9
164	34.0	26.6	40.0

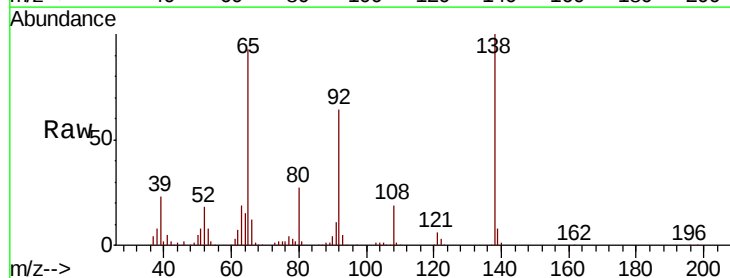


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

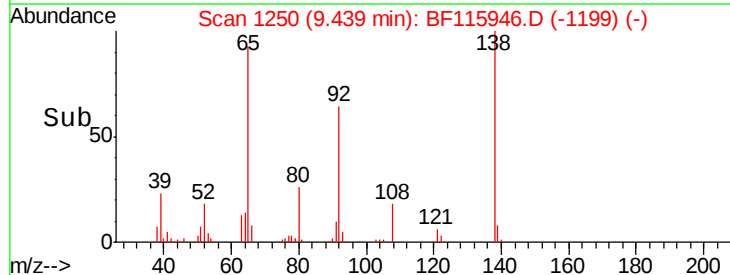
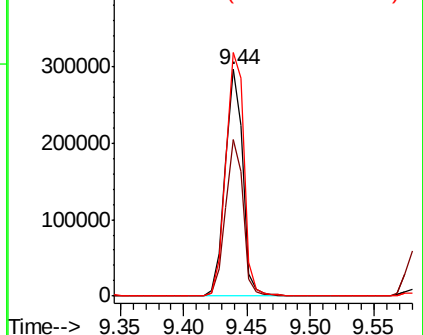


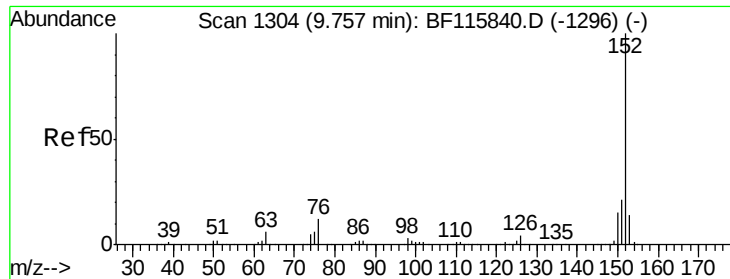
#48
 2-Nitroaniline
 Concen: 42.189 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Tgt Ion:	65	Resp:	284753
Ion	Ratio	Lower	Upper
65	100		
92	69.0	57.1	85.7
138	107.3	97.1	145.7



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: 42.565 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

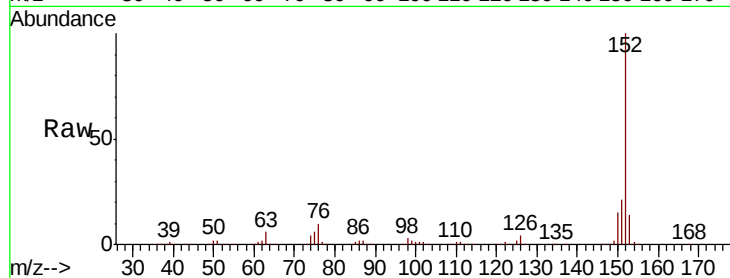
Tot Ion:152 Resp: 1268020

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

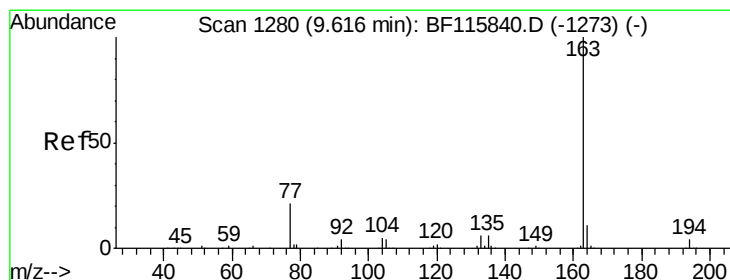
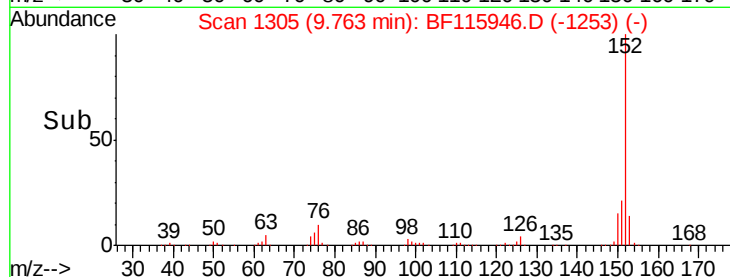
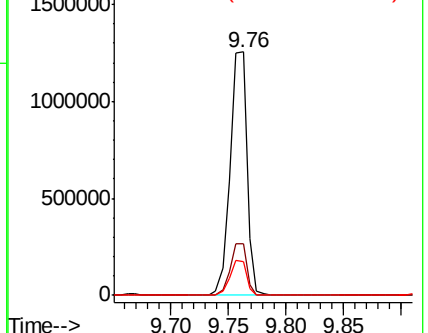
153 13.7 11.6 17.4



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: 43.192 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

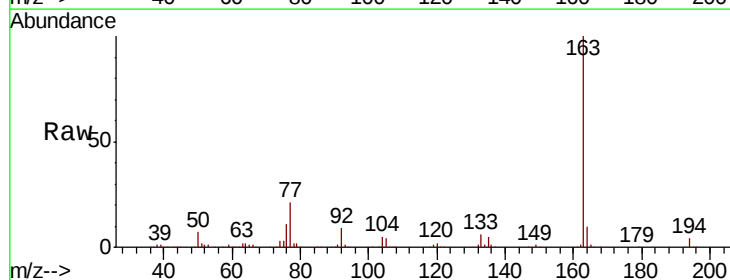
Tgt Ion:163 Resp: 1021983

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

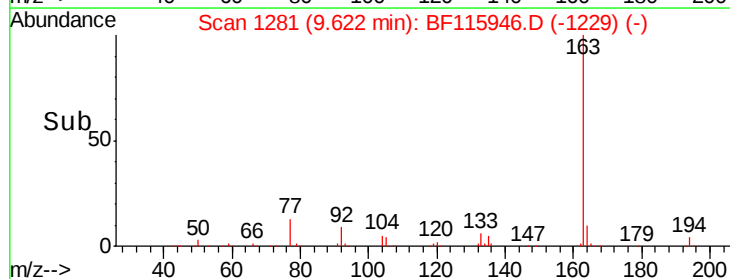
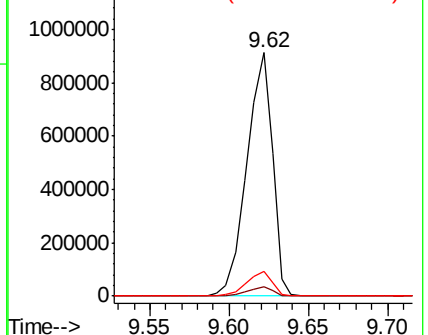
164 10.3 8.4 12.6

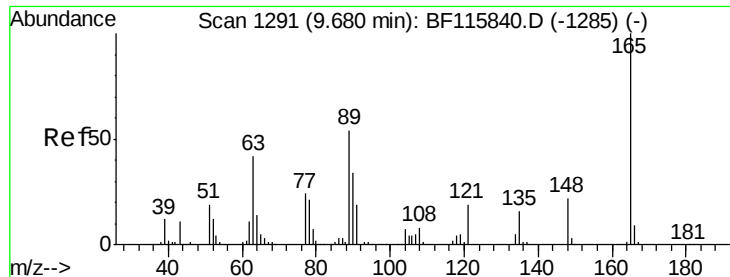


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

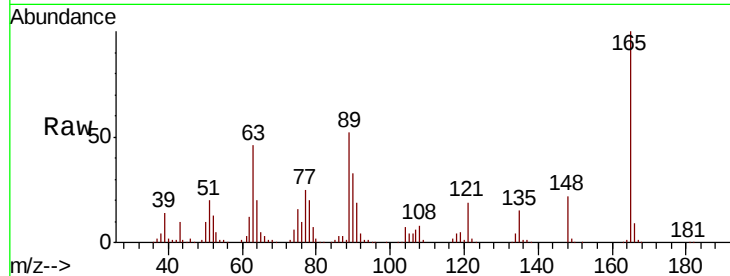




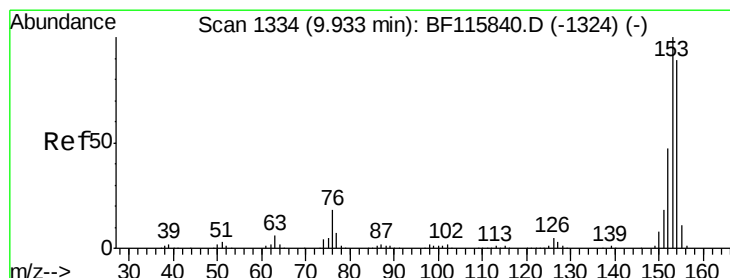
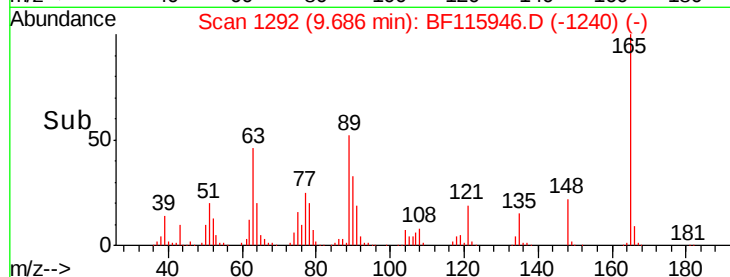
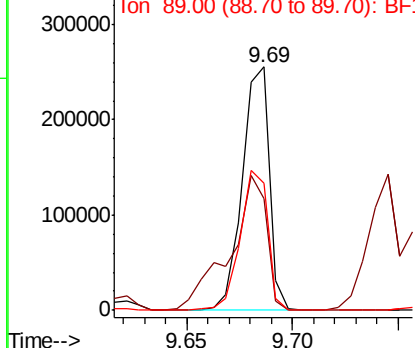
#51
 2,6-Dinitrotoluene
 Concen: 44.066 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.1	39.4	59.2
89	52.0	43.0	64.6

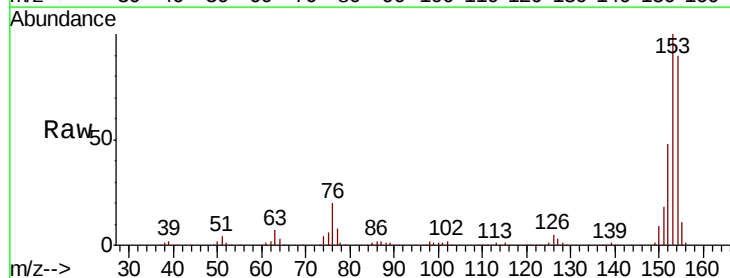


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

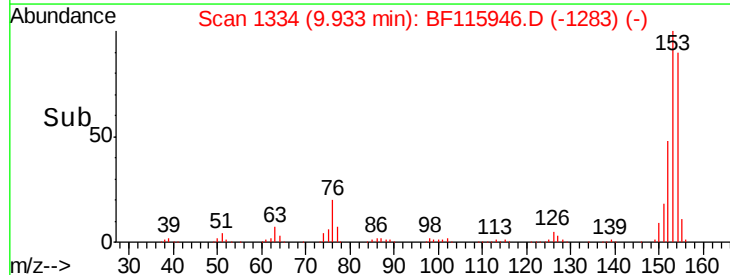
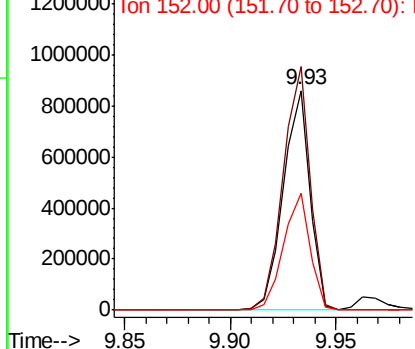


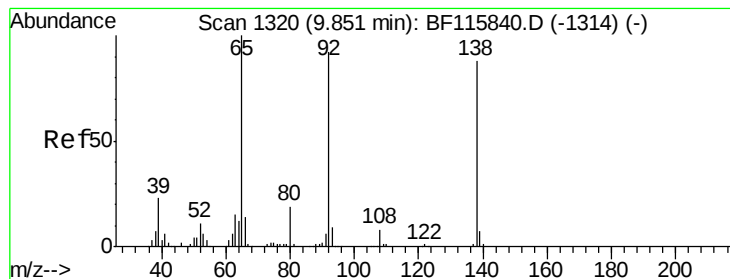
#52
 Acenaphthene
 Concen: 41.660 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.1	135.1
152	53.1	42.6	63.8



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: 41.630 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

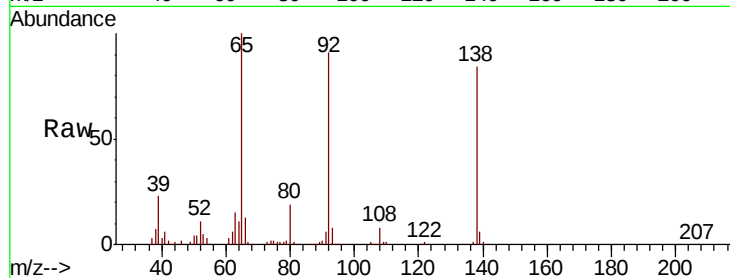
Tot Ion:138 Resp: 264502

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.2

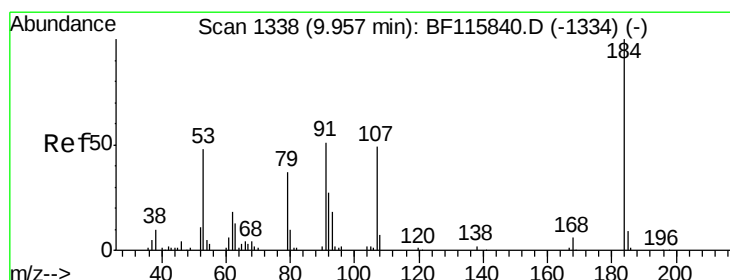
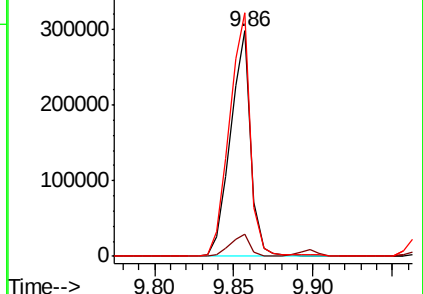
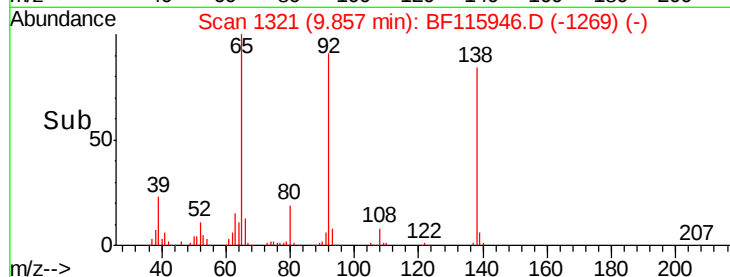
92 108.0 83.9 125.9



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: 38.713 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

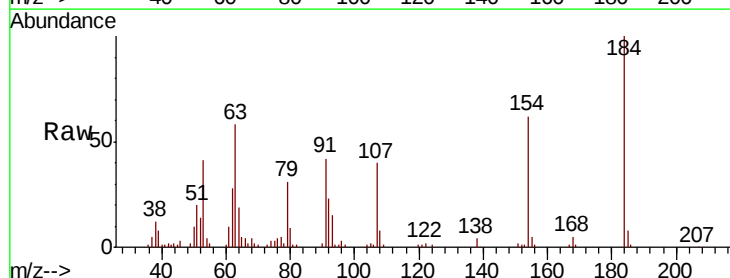
Tgt Ion:184 Resp: 89561

Ion Ratio Lower Upper

184 100

63 57.9 56.7 85.1

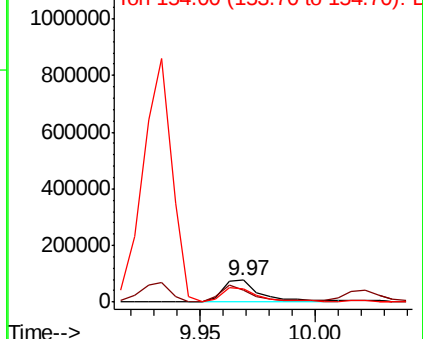
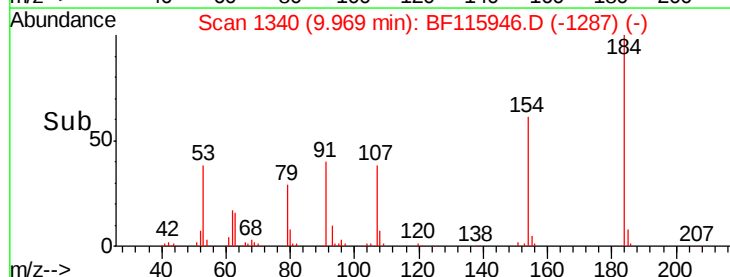
154 61.9 51.9 77.9

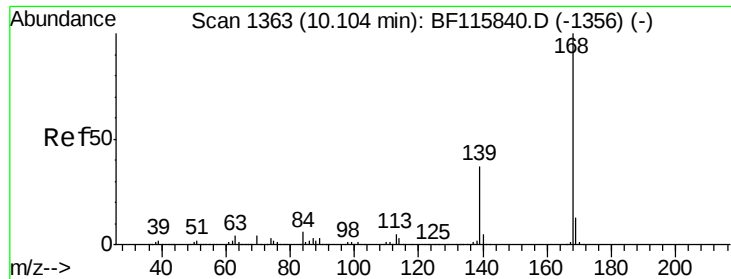


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

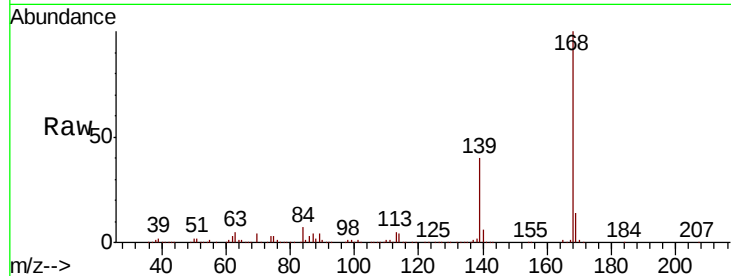




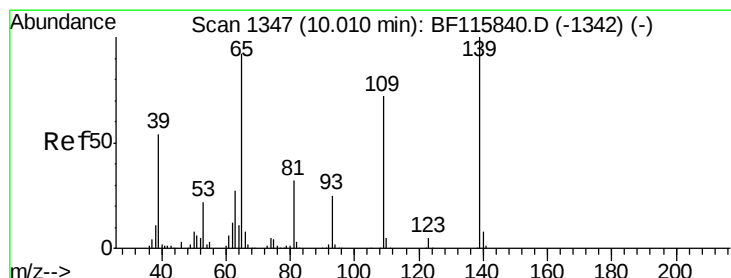
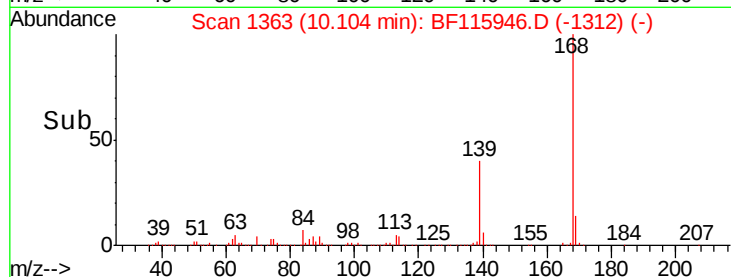
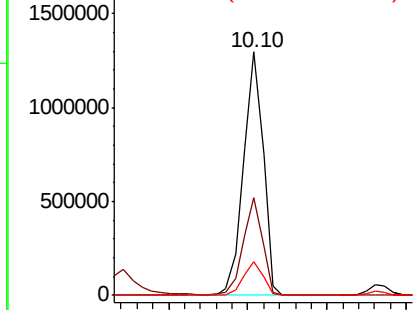
#55
Dibenzenofuran
Concen: 41.936 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 1114564
Ion Ratio Lower Upper
168 100
139 39.9 30.2 45.2
169 13.7 10.8 16.2

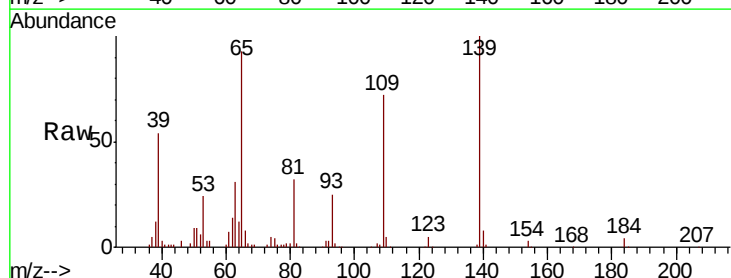


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

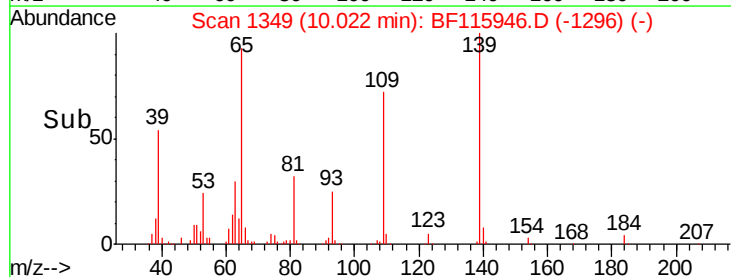
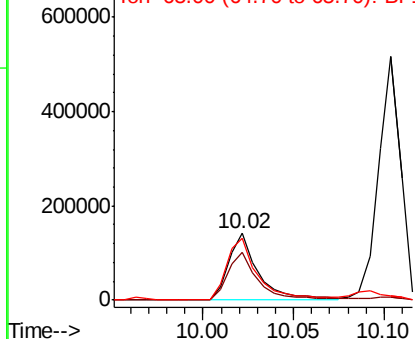


#56
4-Nitrophenol
Concen: 40.151 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion:139 Resp: 163422
Ion Ratio Lower Upper
139 100
109 71.7 52.0 92.0
65 92.9 72.6 112.6



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

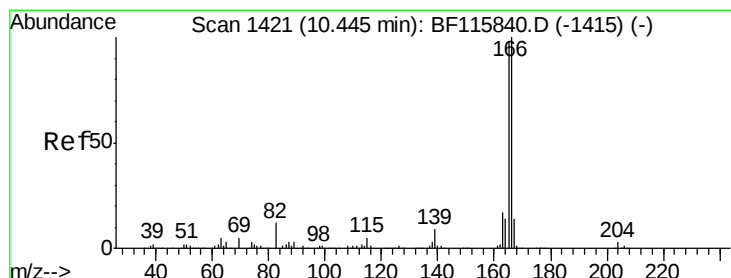
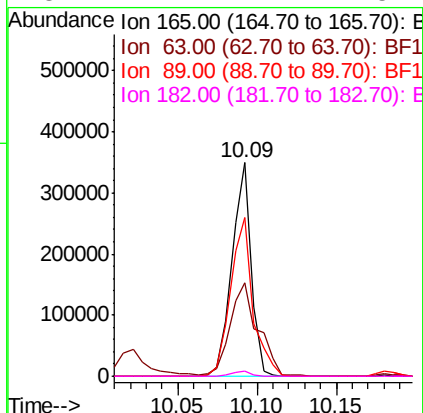
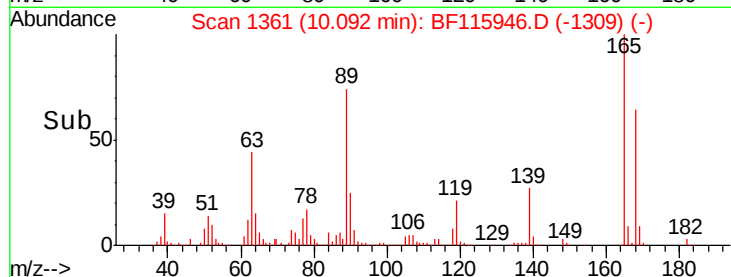
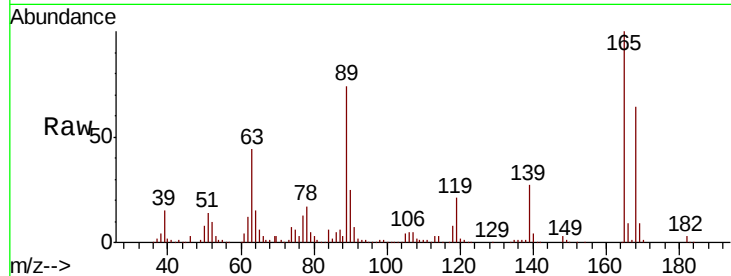




#57
2,4-Dinitrotoluene
Concen: 43.031 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

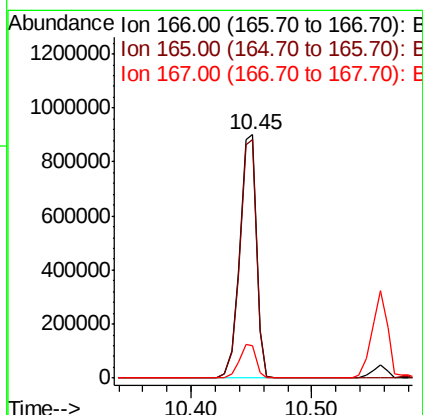
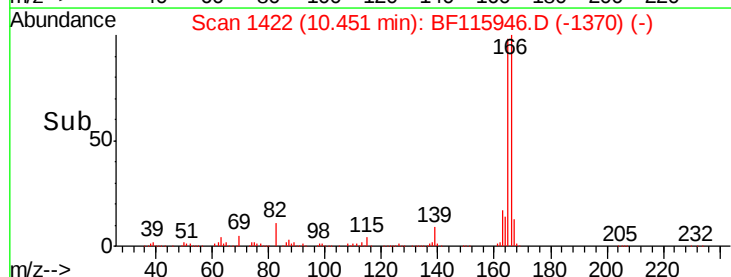
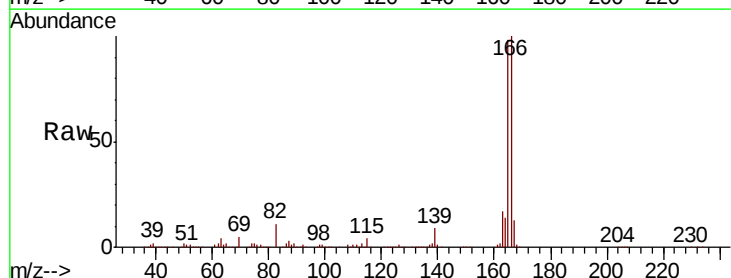
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:165	Resp:	294601
Ion Ratio	Lower	Upper
165	100	
63	44.0	33.2 49.8
89	74.1	57.3 85.9
182	2.7	2.1 3.1



#58
Fluorene
Concen: 42.826 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion:166	Resp:	875725
Ion Ratio	Lower	Upper
166	100	
165	98.1	78.6 118.0
167	13.4	10.9 16.3

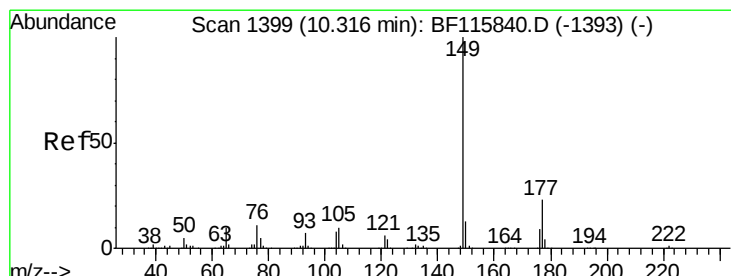
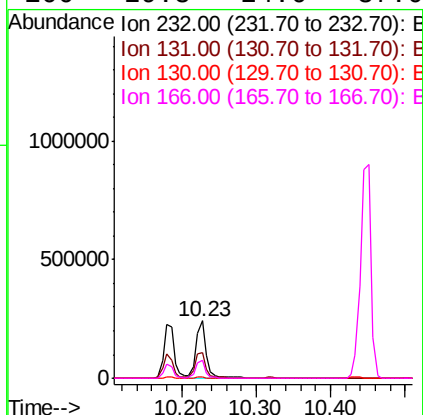
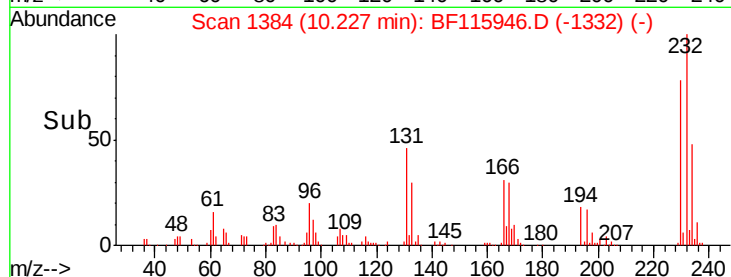
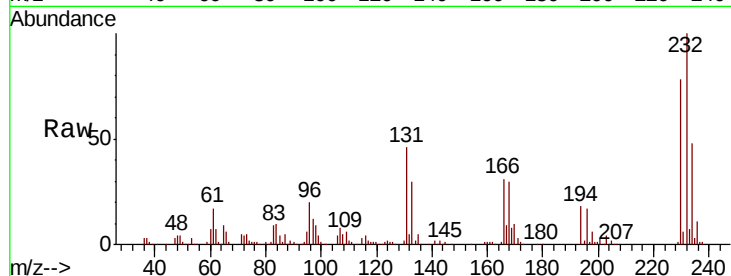




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.112 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

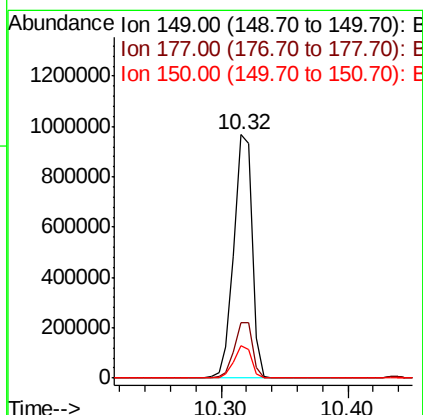
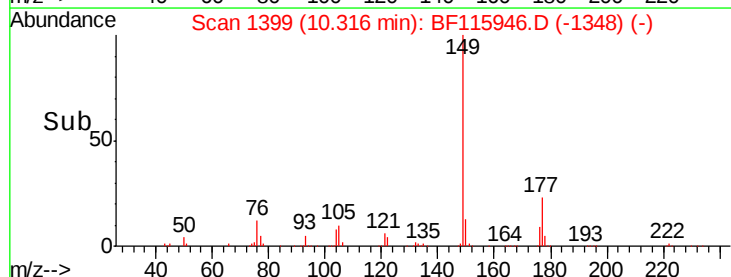
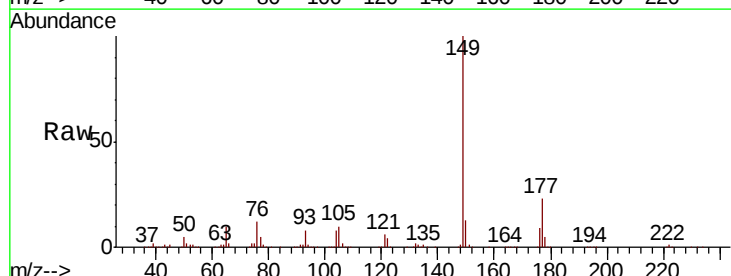
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

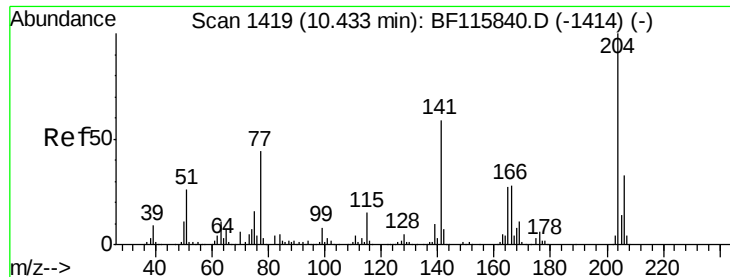
Tot Ion:	232	Resp:	234194
Ion	Ratio	Lower	Upper
232	100		
131	47.8	37.6	56.4
130	2.3	1.8	2.8
166	29.8	24.6	37.0



#60
 Diethylphthalate
 Concen: 43.322 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Tgt Ion:	149	Resp:	957030
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.4	27.6
150	13.2	10.1	15.1

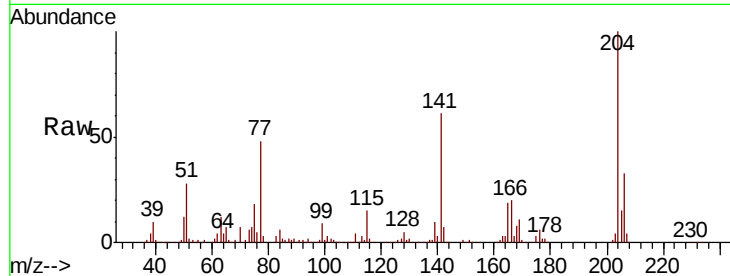




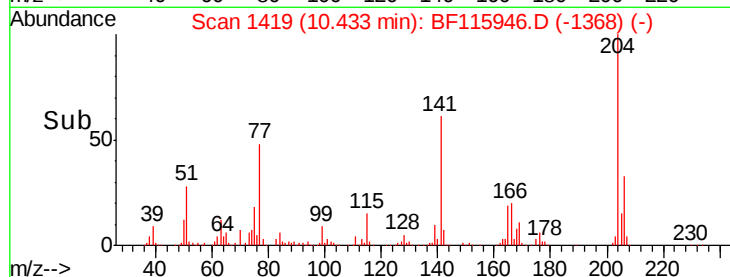
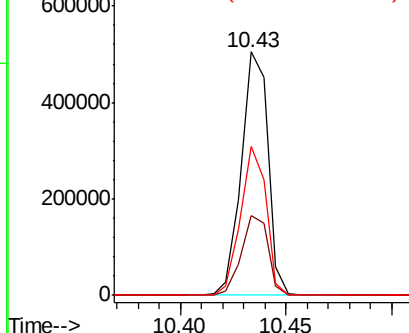
#61
4-Chlorophenyl-phenylether
Concen: 42.427 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 439385
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 61.1 47.0 70.4

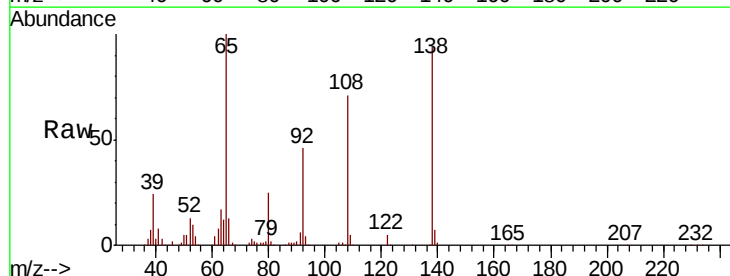


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

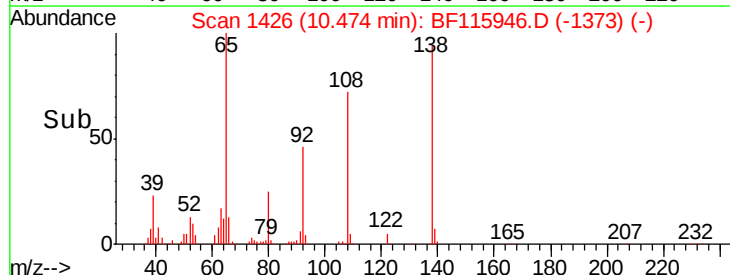
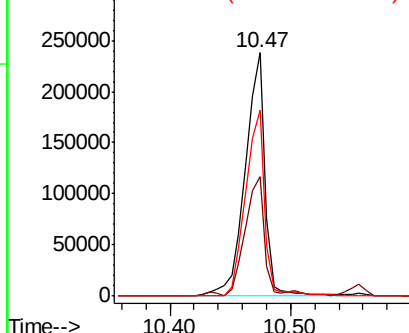


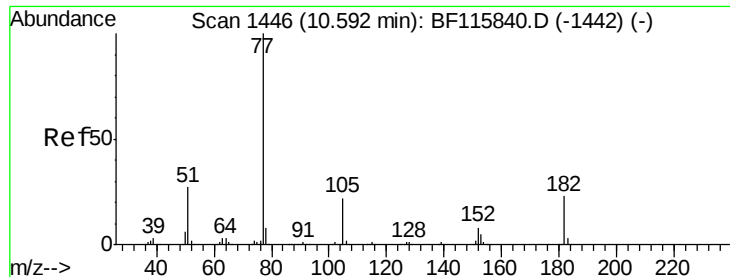
#62
4-Nitroaniline
Concen: 41.701 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion:138 Resp: 273815
Ion Ratio Lower Upper
138 100
92 48.9 31.0 71.0
108 76.2 56.7 96.7



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





#63

Azobenzene

Concen: 42.803 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 972585

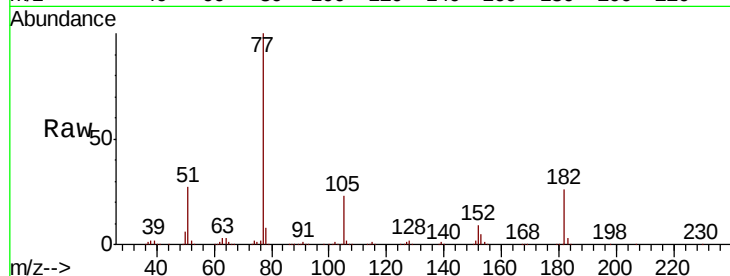
Ion Ratio Lower Upper

77 100

182 25.7 2.6 42.6

105 22.5 1.6 41.6

51 26.7 7.4 47.4

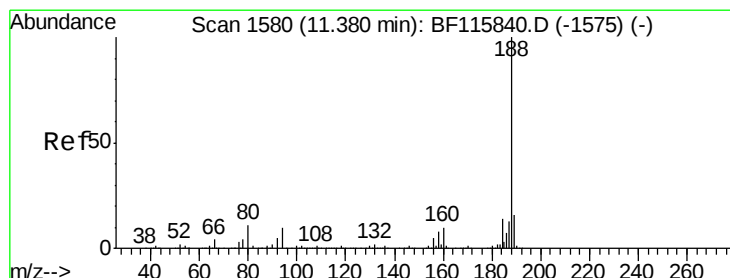
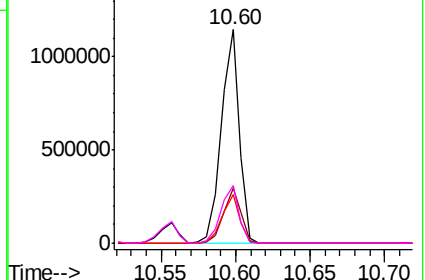
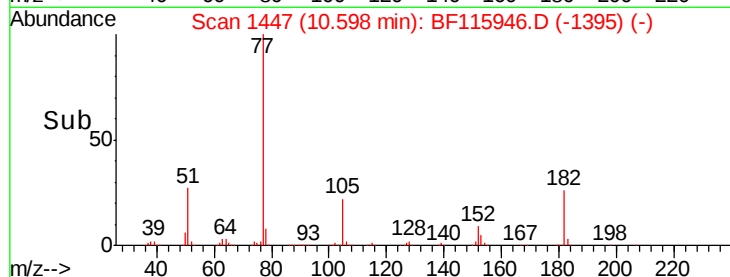


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

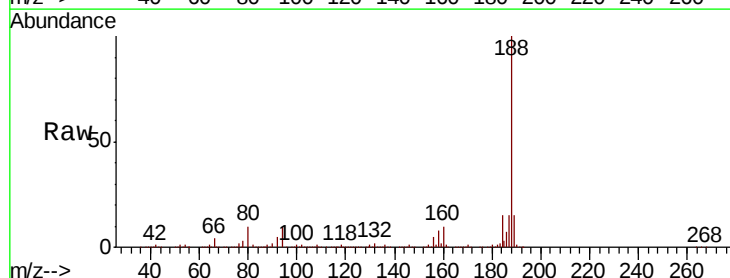
Tgt Ion: 188 Resp: 674887

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

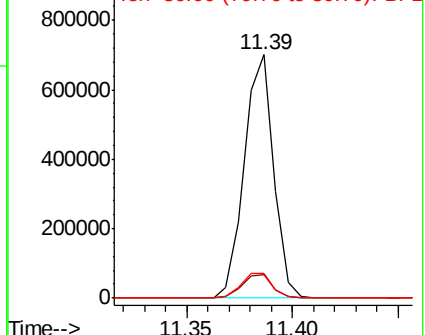
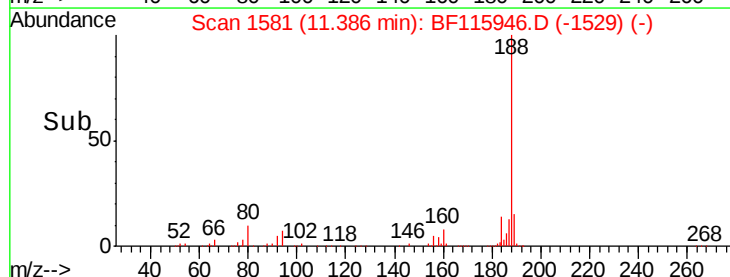
80 10.3 8.6 12.8



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: 40.035 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

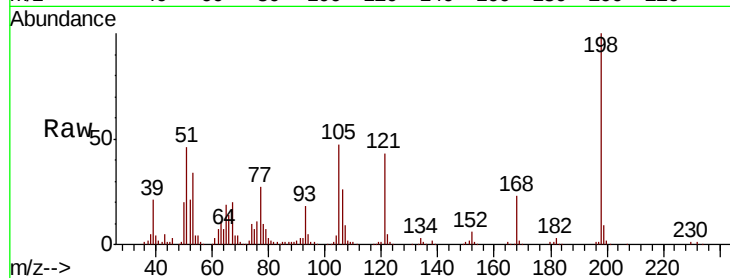
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 143184

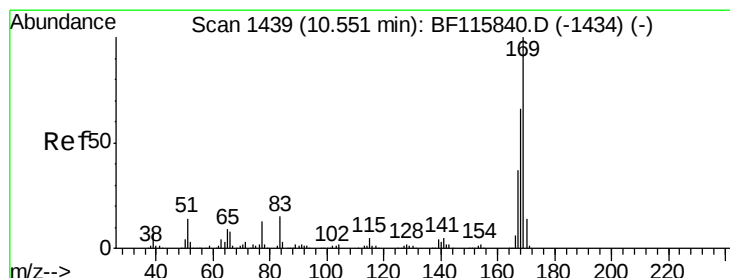
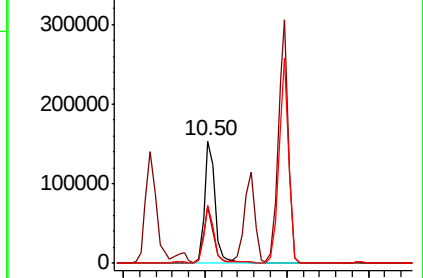
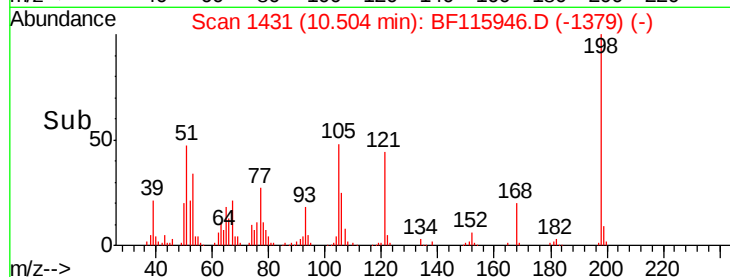
Ion	Ratio	Lower	Upper
198	100		
51	46.4	21.1	61.1
105	47.5	24.5	64.5



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: 39.017 ng

RT: 10.56 min Scan# 1440

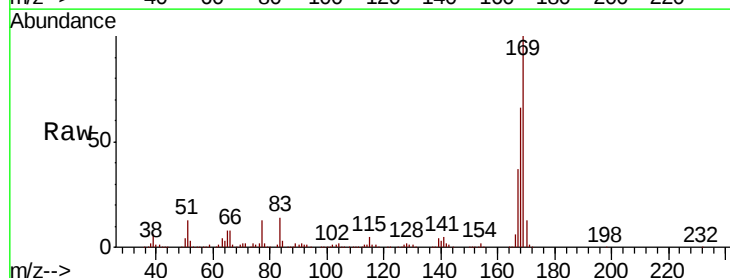
Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Tgt Ion:169 Resp: 792566

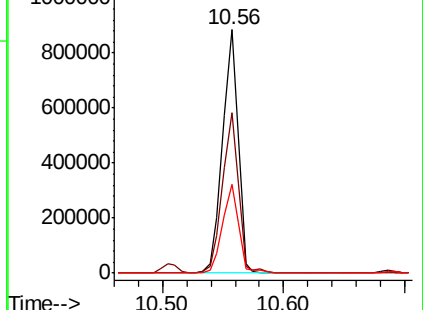
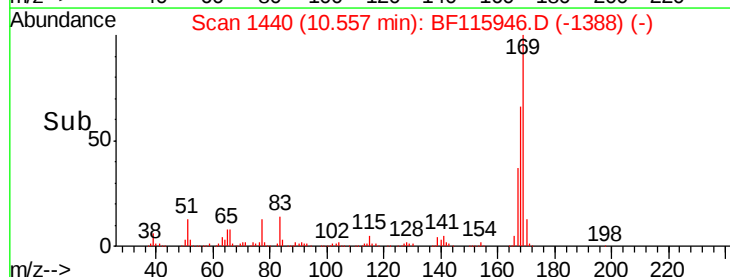
Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.0	79.6
167	36.6	29.9	44.9

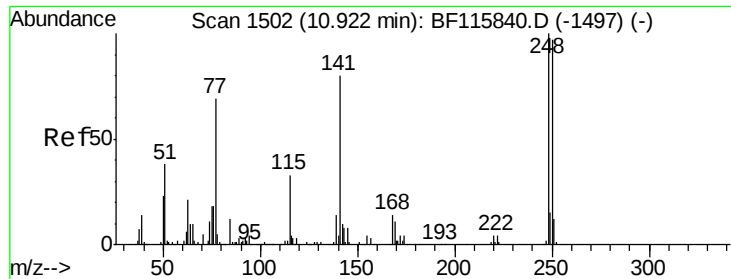


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

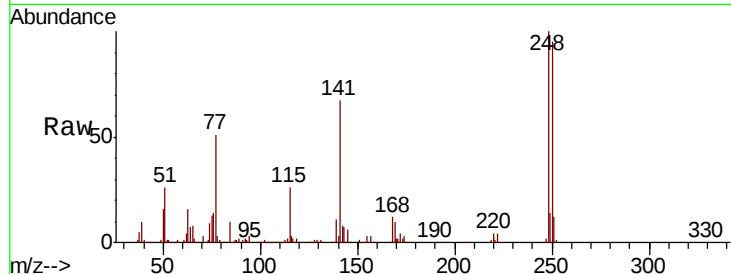




#67
4-Bromophenyl-phenylether
Concen: 39.332 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.8	116.6
141	66.6	64.3	96.5

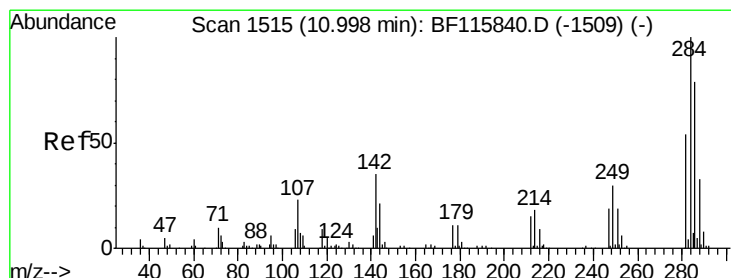
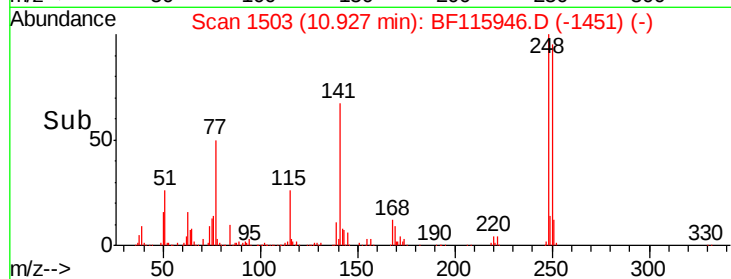
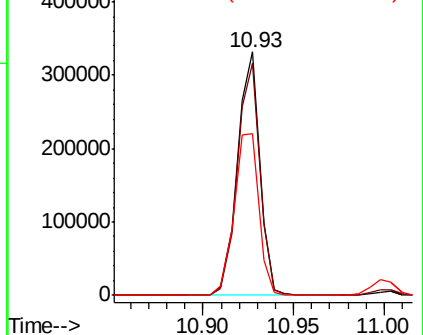


Abundance

Ion 248.00 (247.70 to 248.70): E

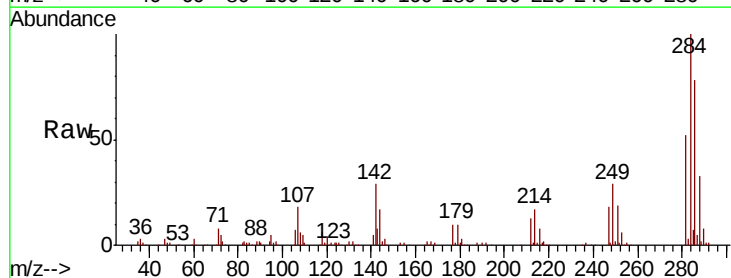
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.698 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	28.2	42.2
249	28.7	24.0	36.0

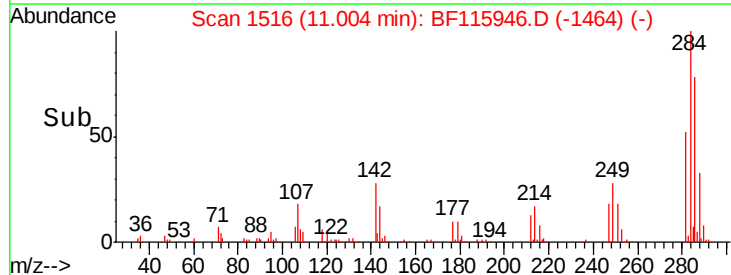
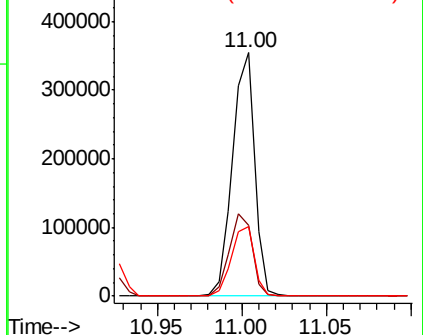


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

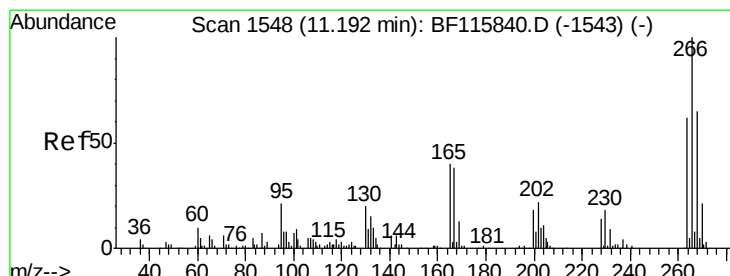
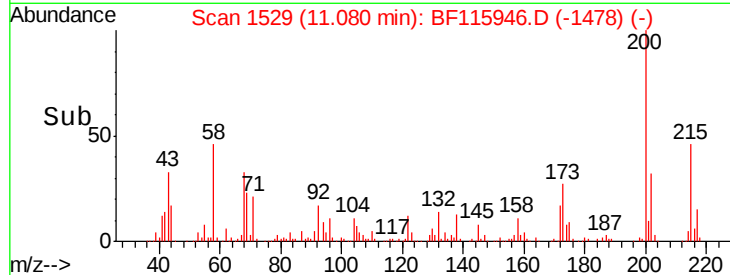
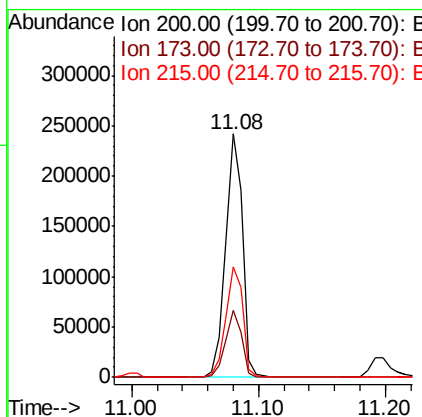
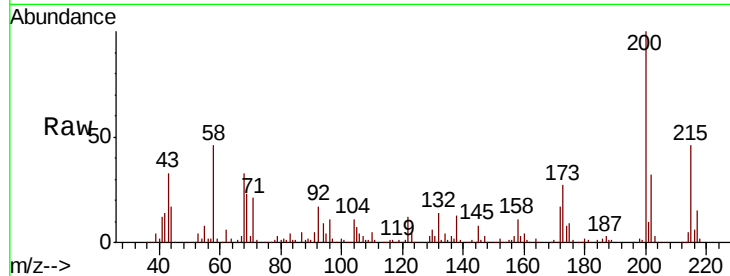




#69
 Atrazine
 Concen: 33.371 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

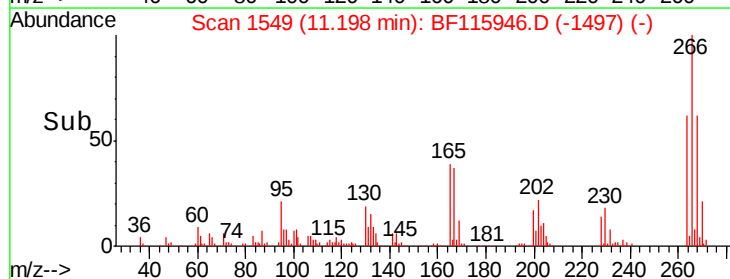
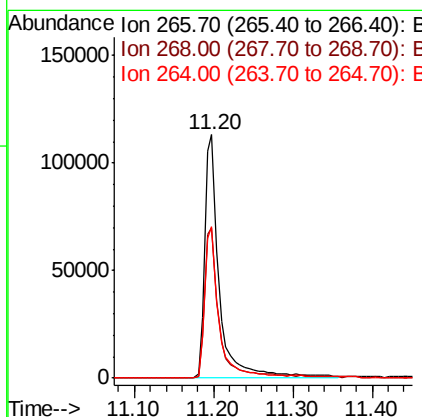
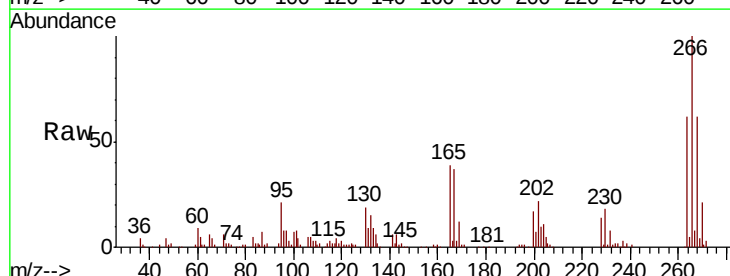
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.3	47.3
215	45.6	26.9	66.9



#70
 Pentachlorophenol
 Concen: 36.327 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.6	77.4
264	62.5	49.4	74.0





#71

Phenanthrene

Concen: 37.965 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

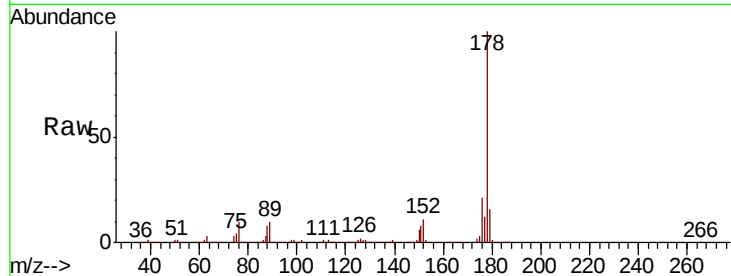
Tot Ion:178 Resp: 1309845

Ion Ratio Lower Upper

178 100

176 20.6 16.5 24.7

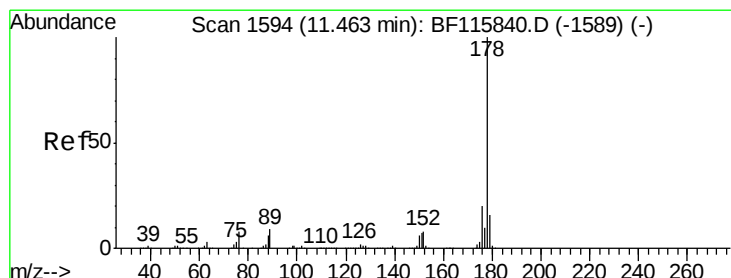
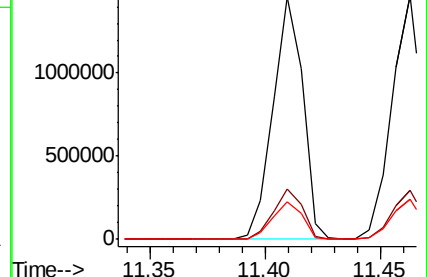
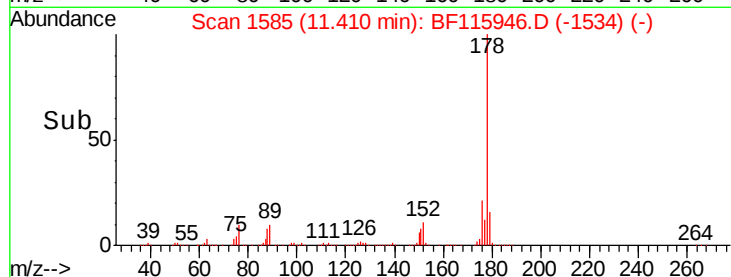
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.709 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

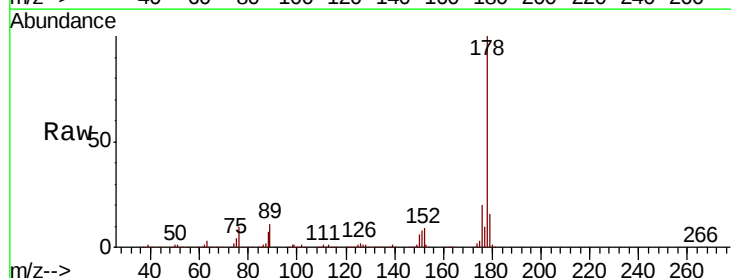
Tgt Ion:178 Resp: 1351602

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

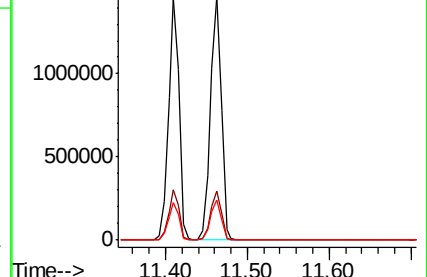
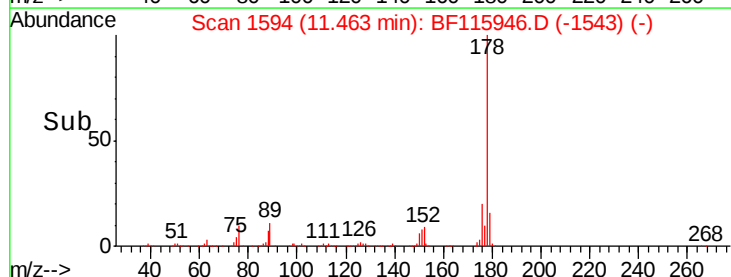
179 16.2 12.4 18.6

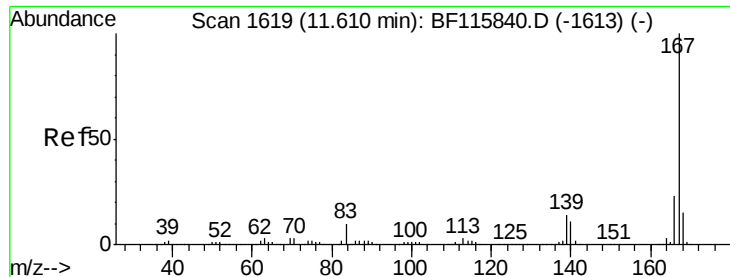


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



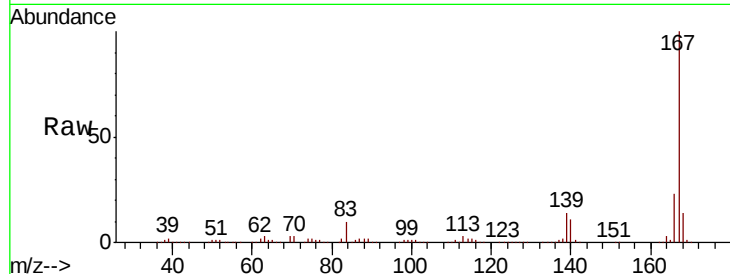


#73
 Carbazole
 Concen: 39.436 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

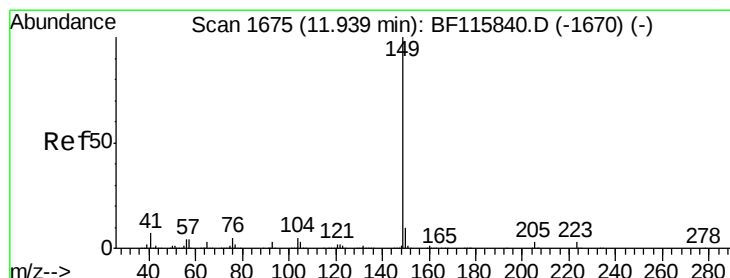
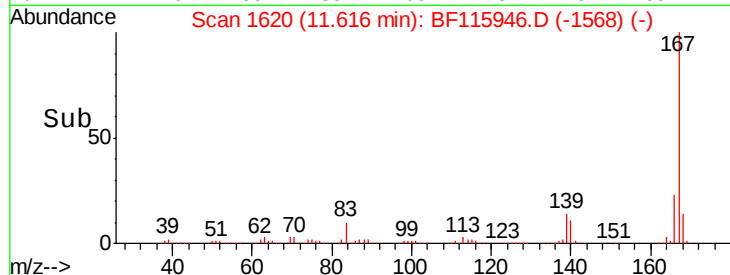
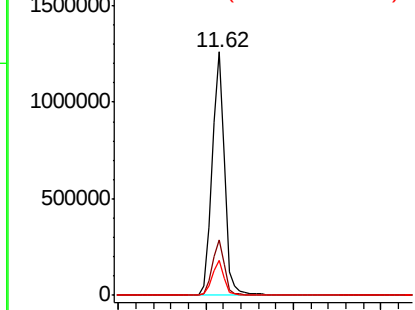
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:167 Resp: 1249283

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.0	27.0
139	14.2	11.4	17.2



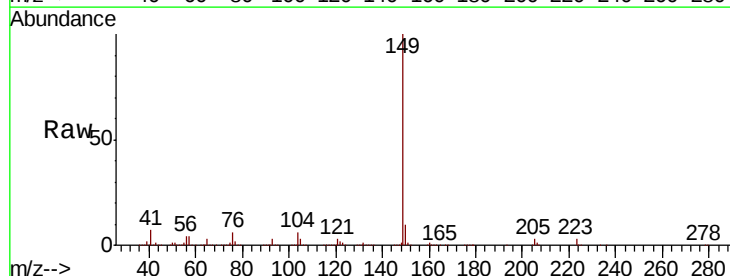
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



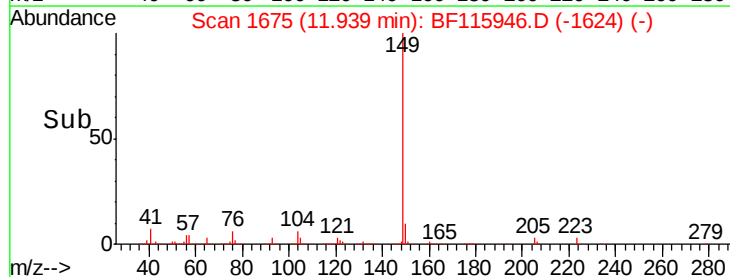
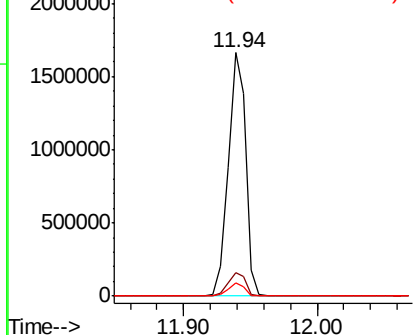
#74
 Di-n-butylphthalate
 Concen: 41.591 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

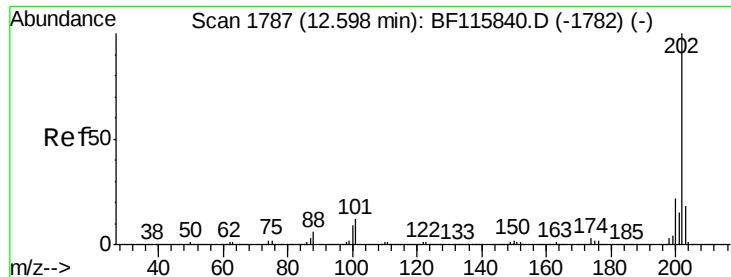
Tgt Ion:149 Resp: 1536984

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.5	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



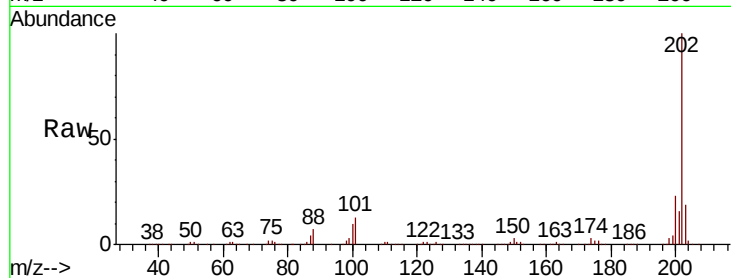


#75
 Fluoranthene
 Concen: 39.387 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

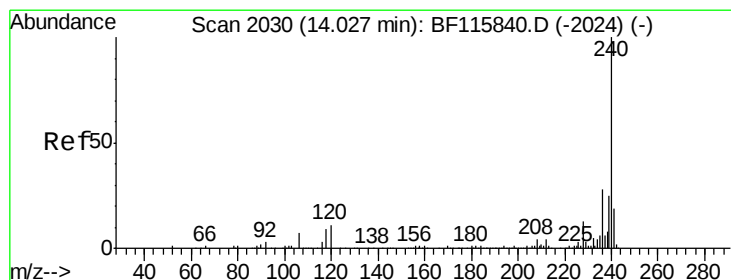
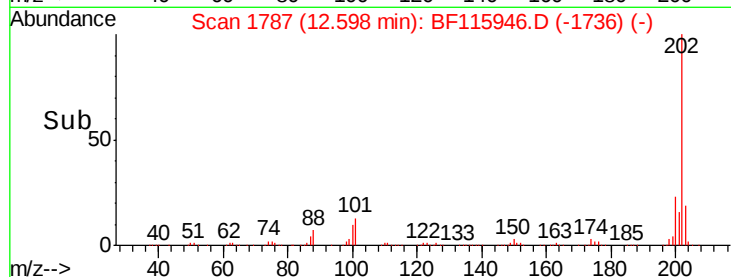
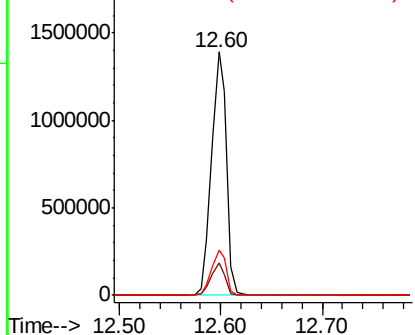
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:202 Resp: 1422657

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.5
203	18.6	0.0	37.9



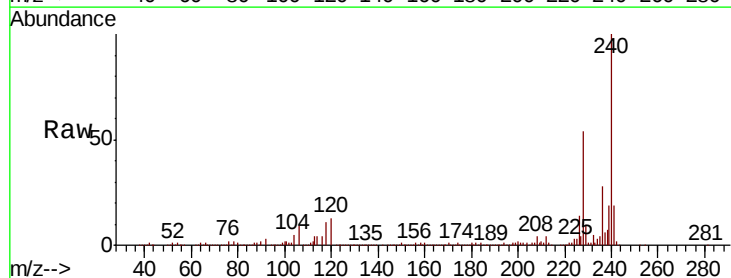
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



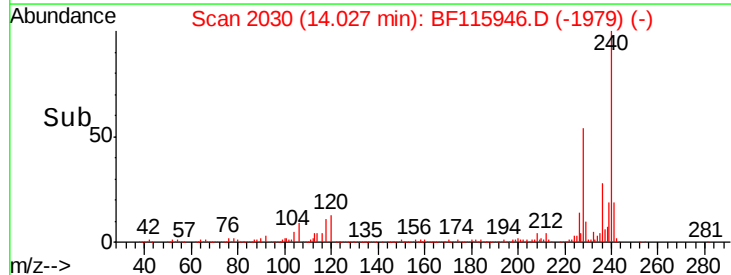
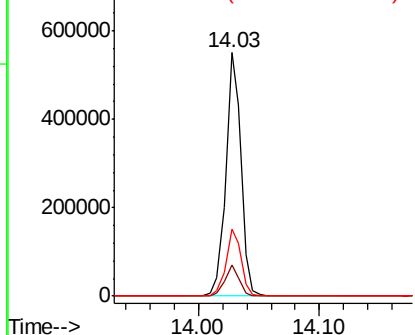
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115946.D
 Acq: 2 Aug 2019 15:05

Tgt Ion:240 Resp: 476125

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.5	12.7#
236	27.5	22.2	33.2



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





#77

Benzidine

Concen: 39.968 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

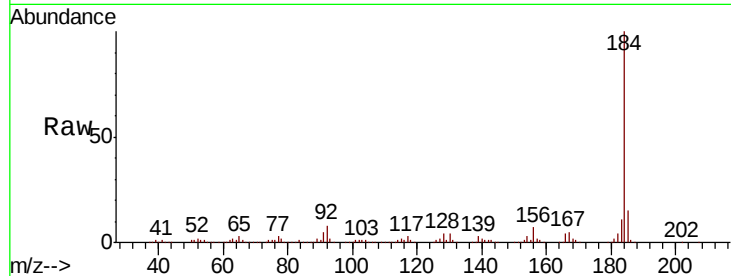
Tot Ion:184 Resp: 642903

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.2

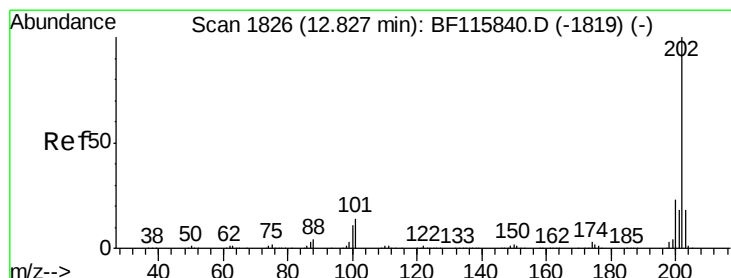
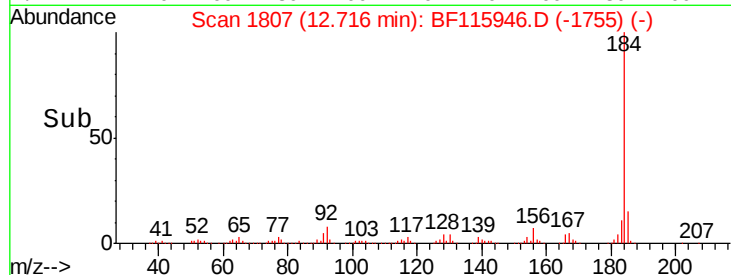
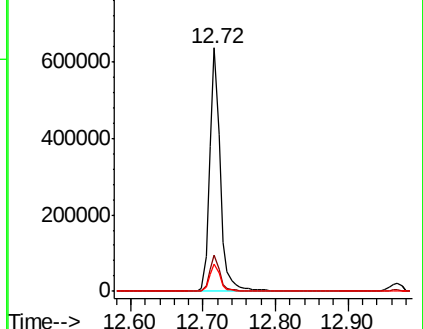
183 11.3 9.1 13.7



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: 40.178 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

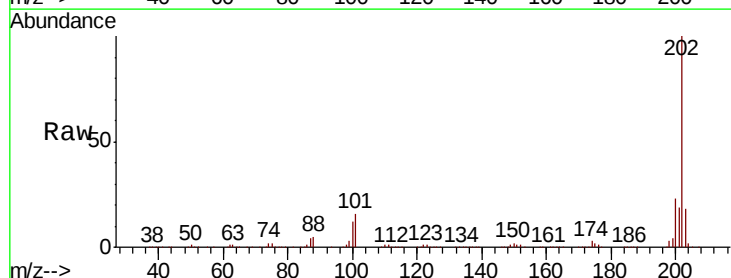
Tgt Ion:202 Resp: 1442023

Ion Ratio Lower Upper

202 100

200 23.1 18.2 27.2

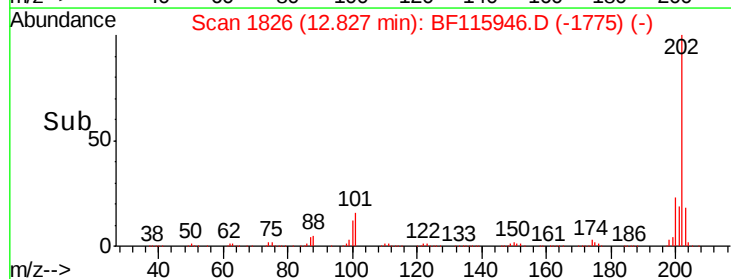
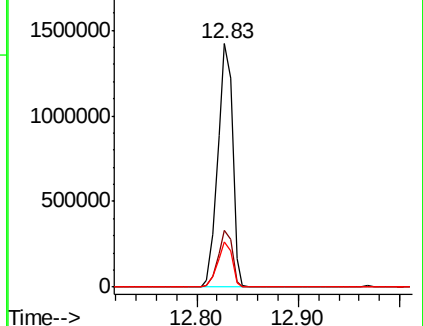
203 18.5 14.3 21.5



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: 79.663 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

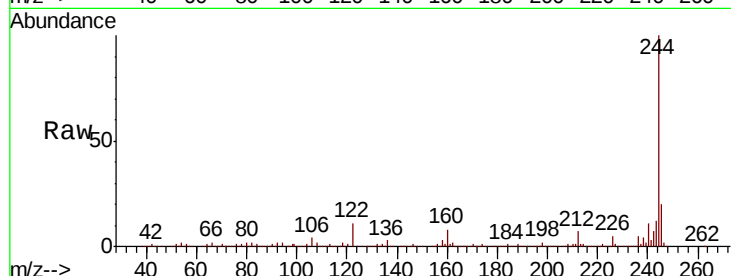
Tot Ion:244 Resp: 1800026

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

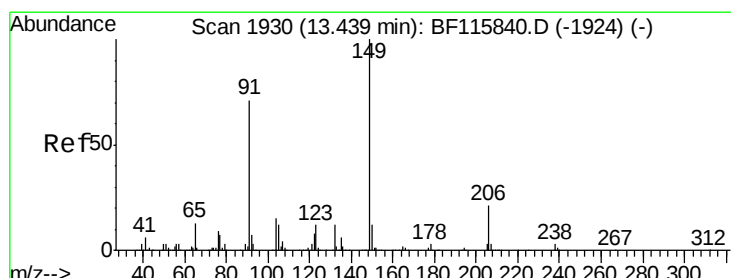
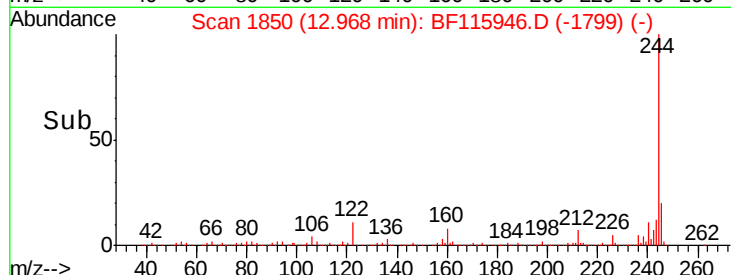
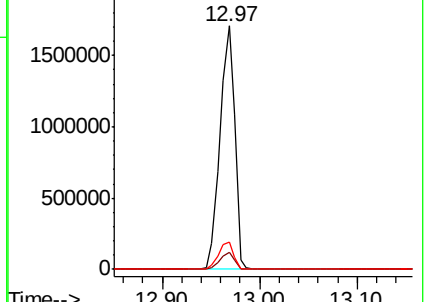
122 11.4 8.6 13.0



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: 44.029 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

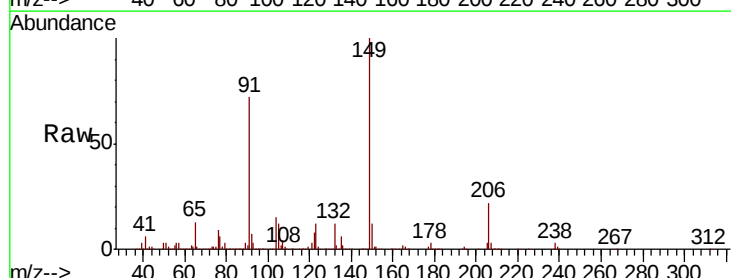
Tgt Ion:149 Resp: 668450

Ion Ratio Lower Upper

149 100

91 71.7 57.0 85.6

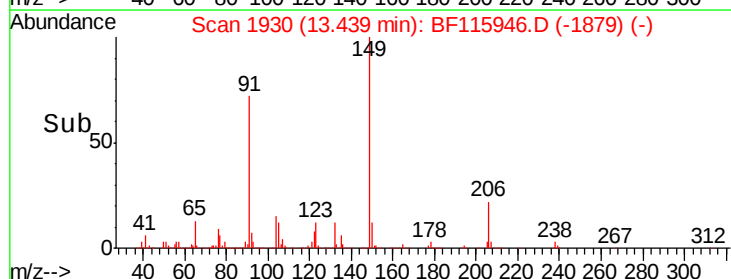
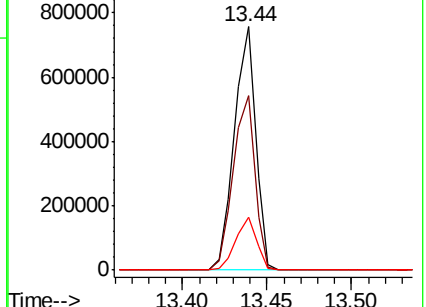
206 21.5 16.9 25.3



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: 40.046 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

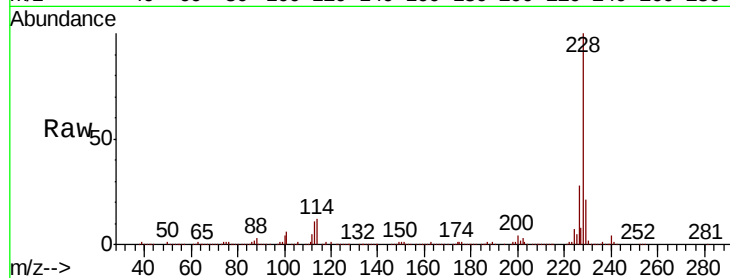
Tot Ion:228 Resp: 1218674

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.9	16.1	24.1

228 100

226 28.3 22.5 33.7

229 20.9 16.1 24.1

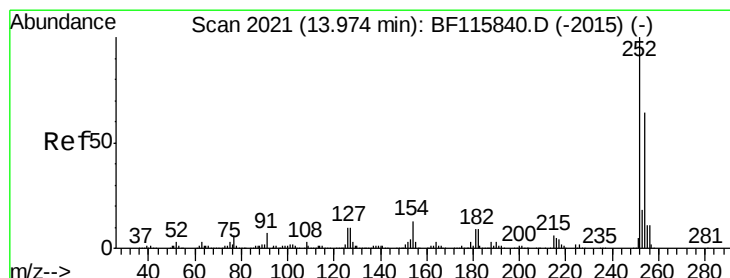
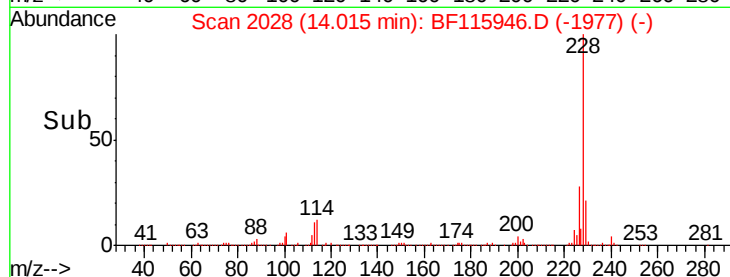
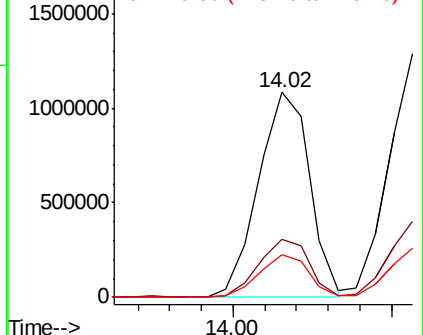


Abundance

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: 40.798 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

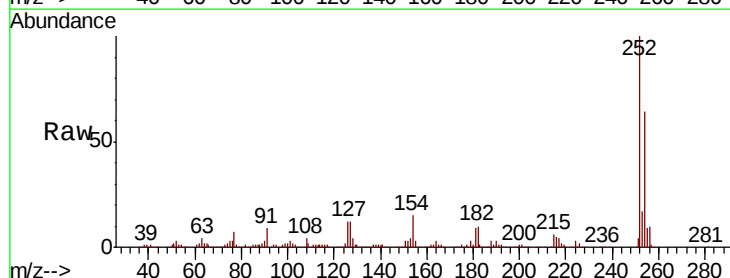
Tgt Ion:252 Resp: 431345

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.2	76.8
126	12.5	8.1	12.1

252 100

254 64.5 51.2 76.8

126 12.5 8.1 12.1#

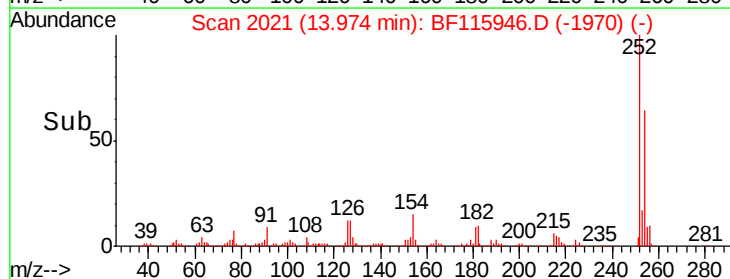
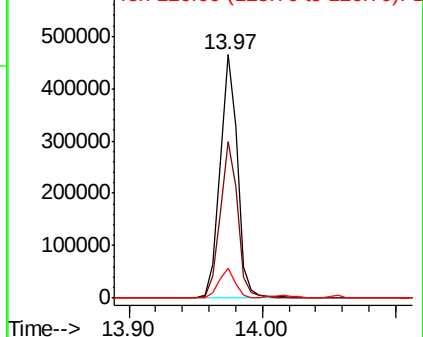


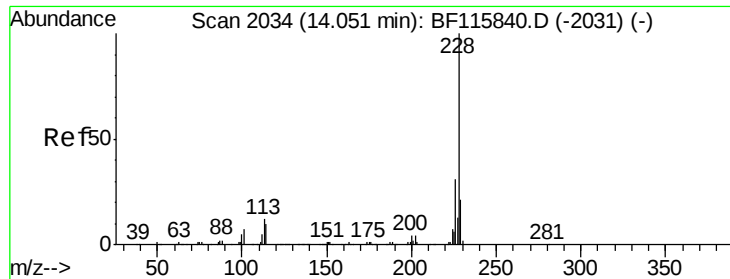
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.913 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

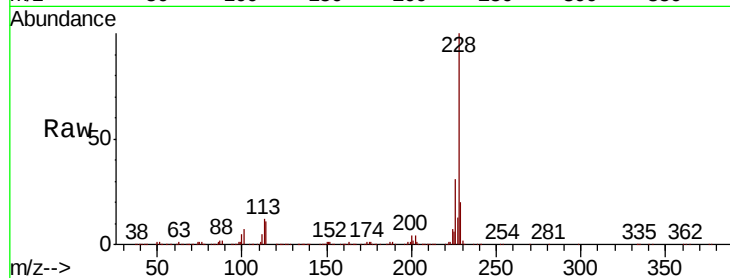
Tot Ion:228 Resp: 1179239

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

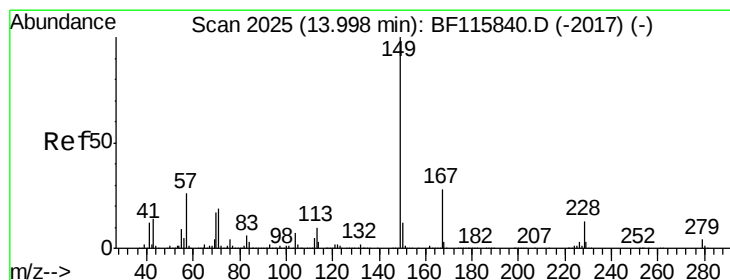
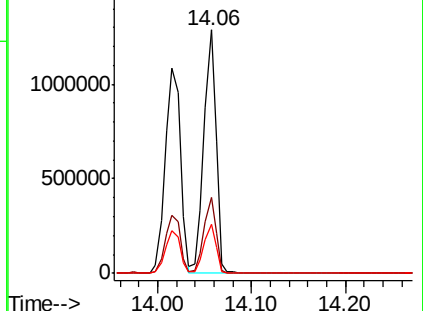
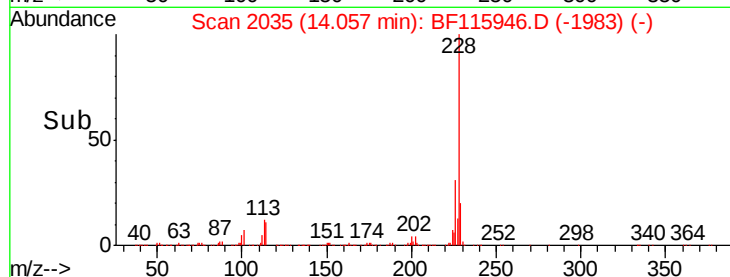
229 20.3 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.856 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

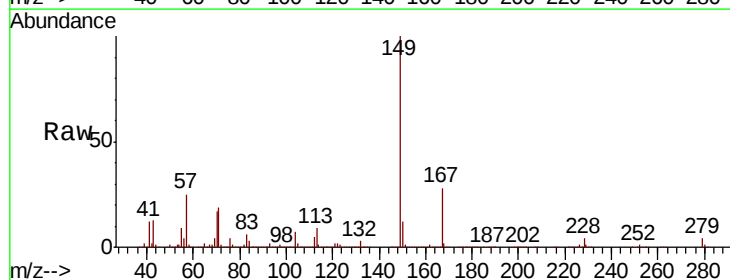
Tgt Ion:149 Resp: 924427

Ion Ratio Lower Upper

149 100

167 28.2 22.4 33.6

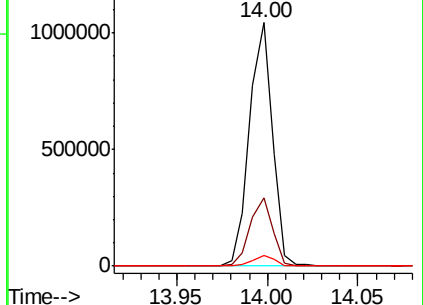
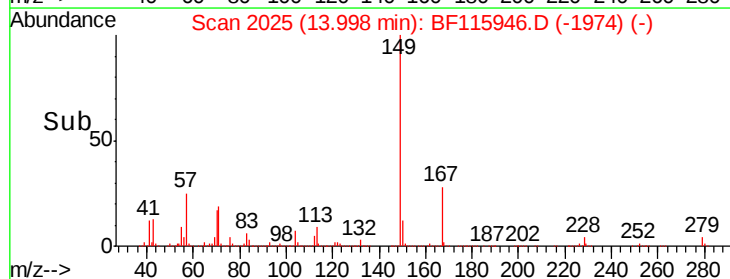
279 4.2 3.3 4.9

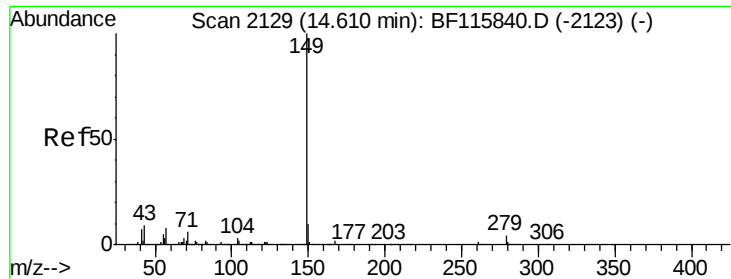


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.622 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

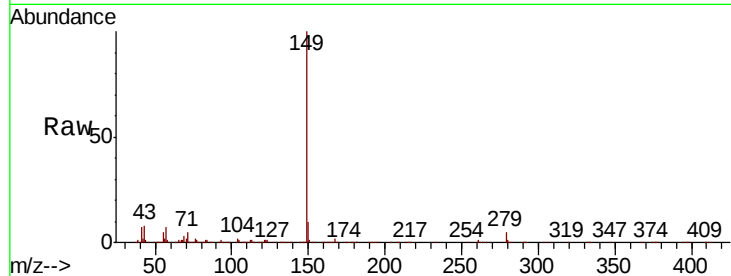
Tot Ion:149 Resp: 1429628

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

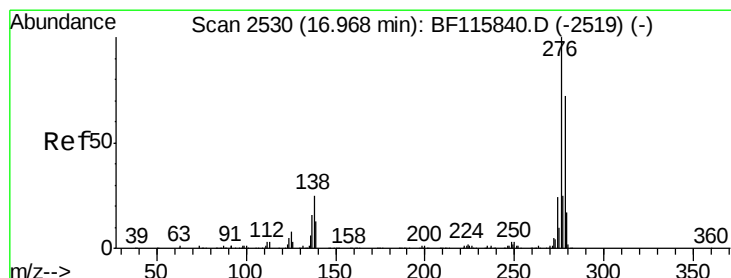
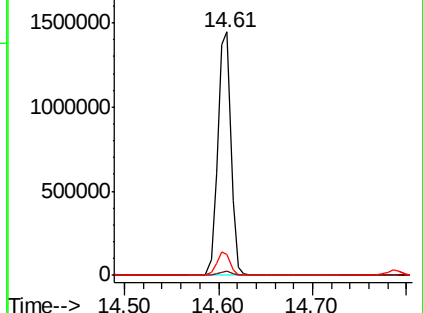
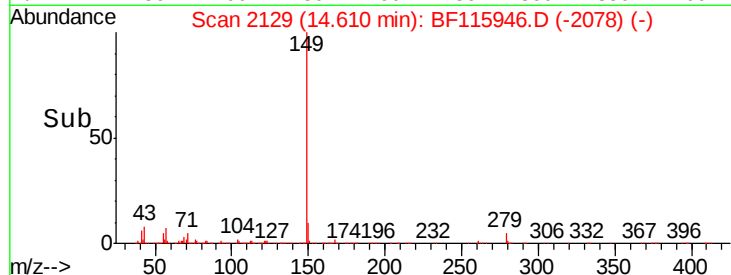
43 9.3 7.4 11.0



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: 39.859 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

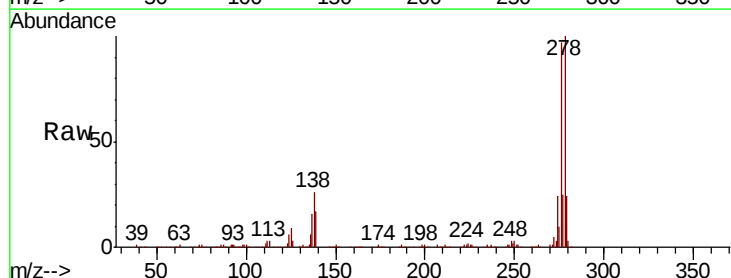
Tgt Ion:276 Resp: 989087

Ion Ratio Lower Upper

276 100

138 25.3 19.6 29.4

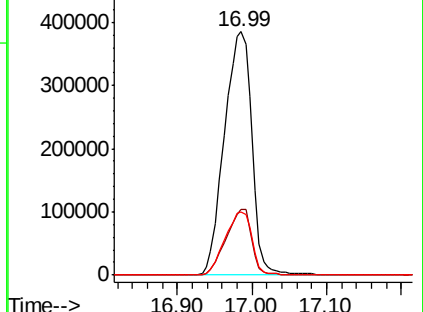
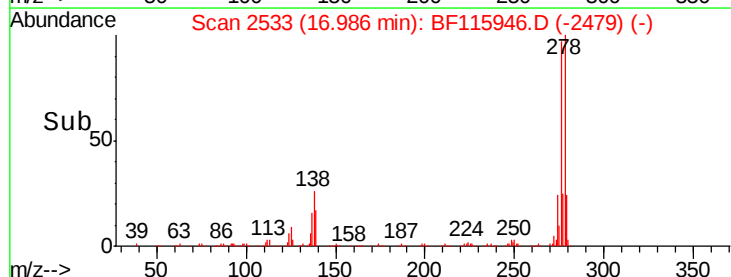
277 25.6 20.1 30.1

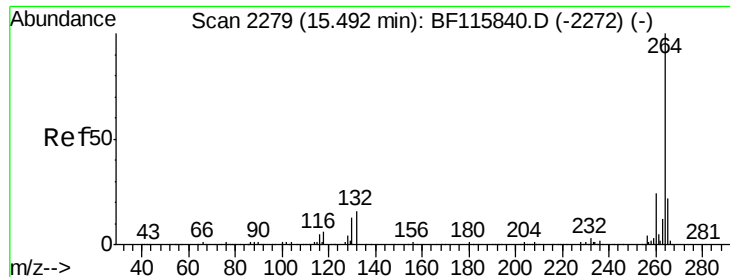


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

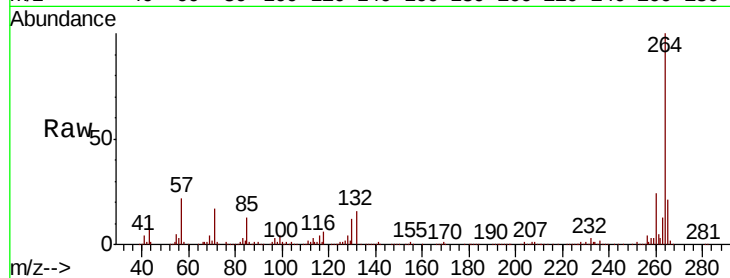
Tot Ion:264 Resp: 442107

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

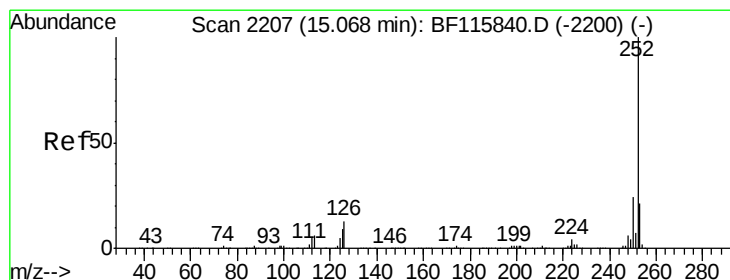
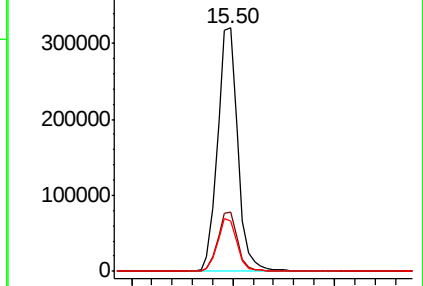
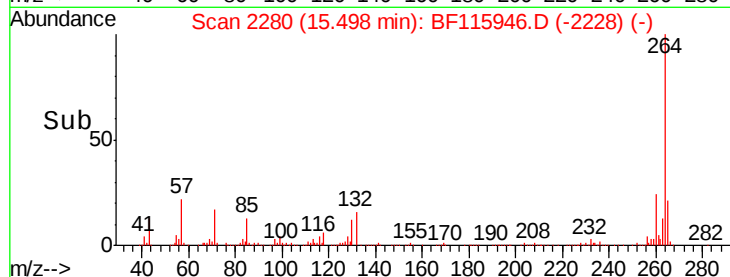
265 20.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.671 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF115946.D

Acq: 2 Aug 2019 15:05

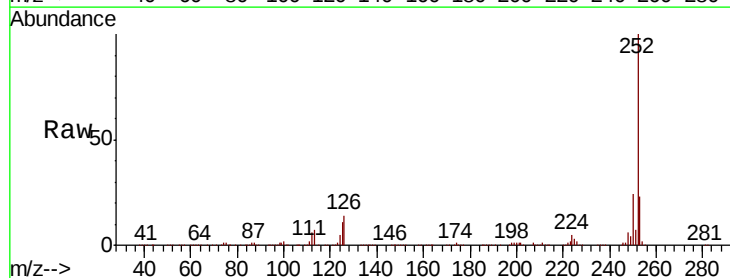
Tgt Ion:252 Resp: 1014117

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

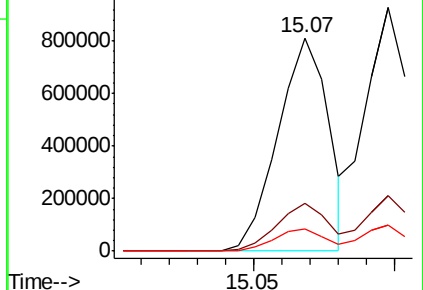
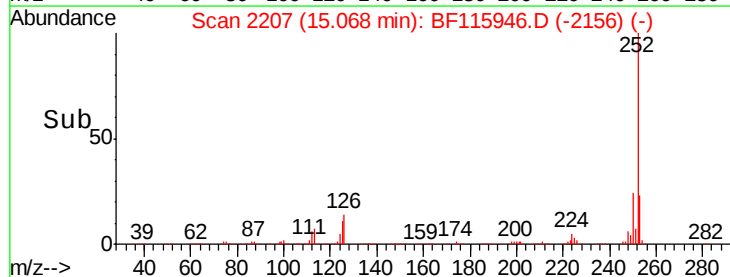
125 10.7 7.4 11.0

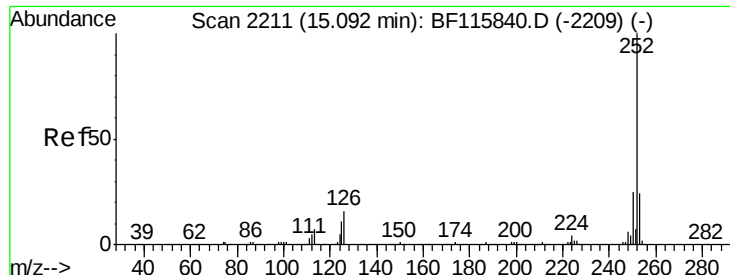


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

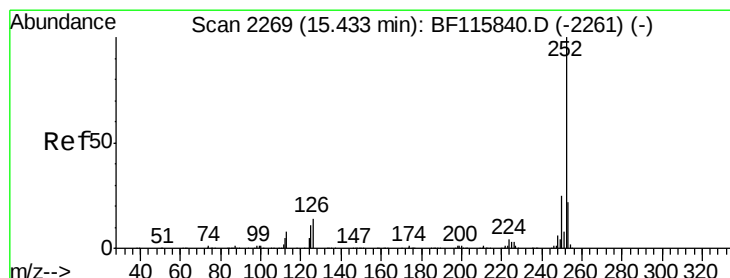
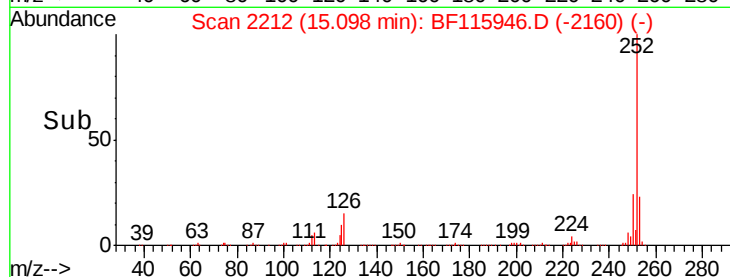
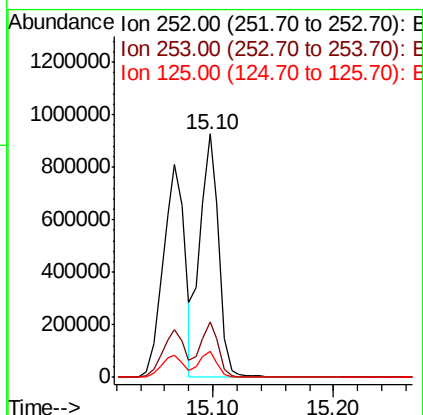
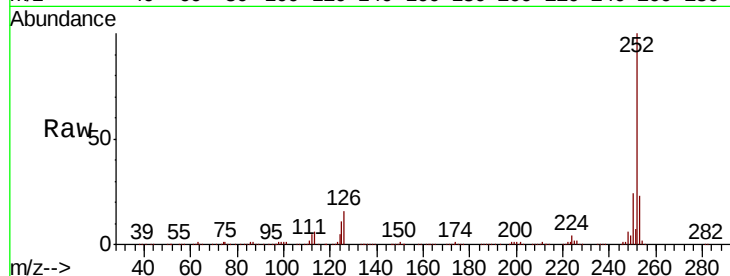




#89
Benzo(k)fluoranthene
Concen: 39.900 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

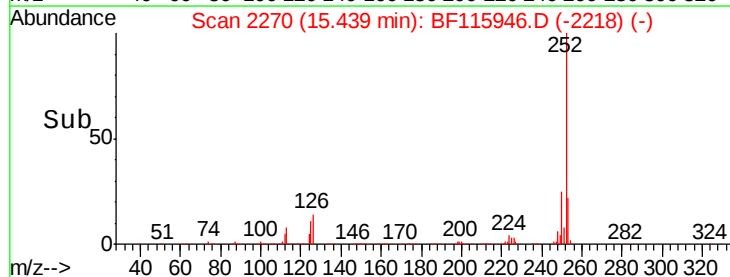
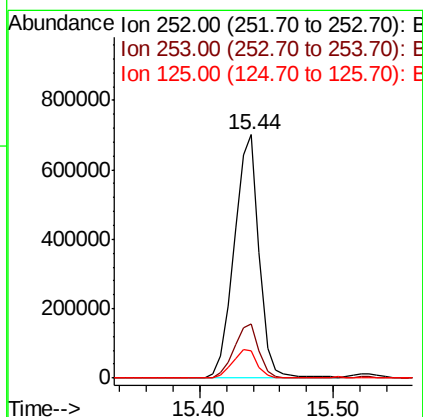
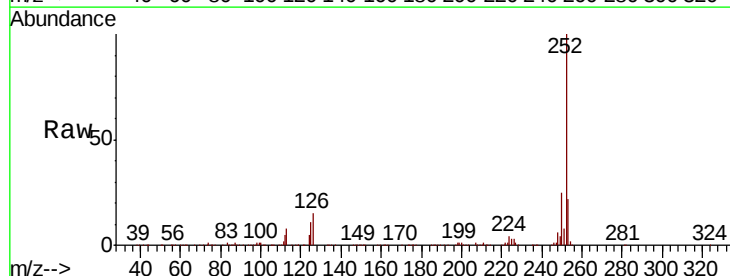
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 993464
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 10.6 8.9 13.3



#90
Benzo(a)pyrene
Concen: 39.875 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion:252 Resp: 911209
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.0 8.8 13.2



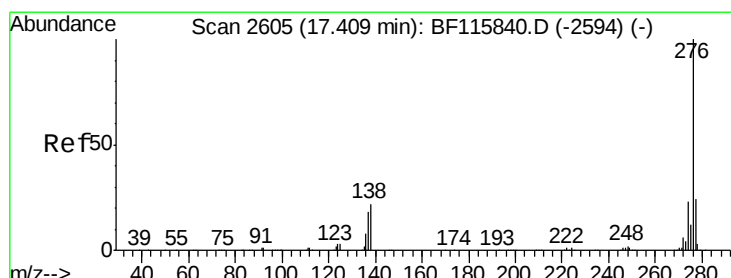
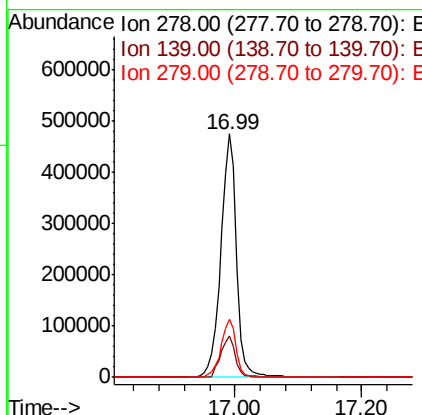
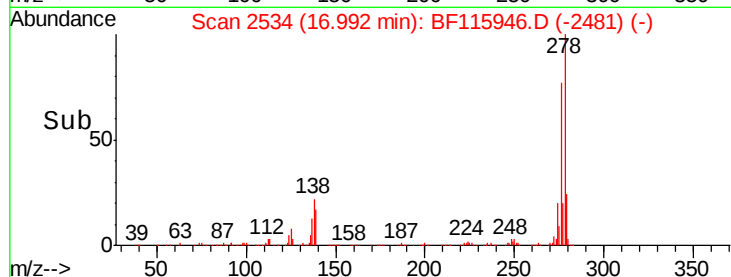
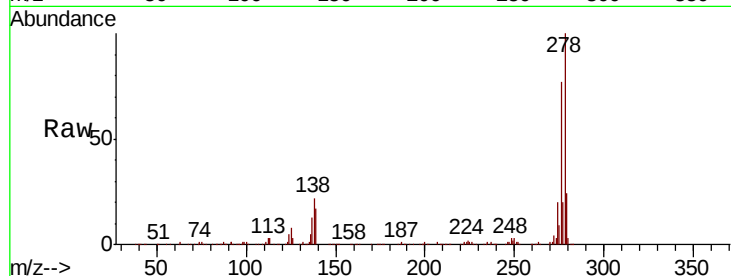


#91
Dibenzo(a,h)anthracene
Concen: 41.285 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 816629

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.6	19.0
279	23.6	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 41.755 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF115946.D
Acq: 2 Aug 2019 15:05

Tgt Ion:276 Resp: 811136

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	21.9	17.8	26.8

