

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116420.D
 Acq On : 20 Aug 2019 8:33
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 20 15:06:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112816	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	468935	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	249616	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	436102	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	314500	20.00	ng	-0.01
87) Perylene-d12	15.42	264	297898	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	603737	89.59	ng	0.00
7) Phenol-d6	6.46	99	721191	84.82	ng	0.00
23) Nitrobenzene-d5	7.37	82	667402	82.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	196658	81.26	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1140375	85.57	ng	-0.01
79) Terphenyl-d14	12.90	244	1286094	86.17	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.52	88	137605	40.419 ng	99
3) Pyridine	3.28	79	345899	36.371 ng	99
4) n-Nitrosodimethylamine	3.23	42	144021	38.374 ng	99
6) Aniline	6.47	93	478261	39.277 ng	# 76
8) 2-Chlorophenol	6.60	128	330472	44.347 ng	97
9) Benzaldehyde	6.36	77	222865	37.989 ng	99
10) Phenol	6.47	94	414731	41.421 ng	84
11) bis(2-Chloroethyl)ether	6.54	93	316666	43.017 ng	97
12) 1,3-Dichlorobenzene	6.75	146	366239	42.525 ng	99
13) 1,4-Dichlorobenzene	6.82	146	370396	42.954 ng	99
14) 1,2-Dichlorobenzene	6.97	146	341816	43.049 ng	99
15) Benzyl Alcohol	6.96	79	266049	41.232 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	420742	41.903 ng	61
17) 2-Methylphenol	7.07	107	270510	42.870 ng	# 91
18) Hexachloroethane	7.31	117	135187	42.580 ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	232348	44.099 ng	98
20) 3+4-Methylphenols	7.23	107	351561	47.081 ng	# 84
22) Acetophenone	7.22	105	446731	43.438 ng	# 94
24) Nitrobenzene	7.39	77	368703	42.032 ng	99
25) Isophorone	7.63	82	657288	42.313 ng	100
26) 2-Nitrophenol	7.71	139	180951	43.762 ng	96
27) 2,4-Dimethylphenol	7.75	122	258615	41.572 ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	416534	43.262 ng	100
29) 2,4-Dichlorophenol	7.96	162	283093	43.099 ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	312213	41.698 ng	99
31) Naphthalene	8.11	128	947003	42.915 ng	99
32) Benzoic acid	7.91	122	144240	32.887 ng	98
33) 4-Chloroaniline	8.16	127	408294	41.410 ng	98
34) Hexachlorobutadiene	8.22	225	183062	42.447 ng	100
35) Caprolactam	8.54	113	61397	28.901 ng	99
36) 4-Chloro-3-methylphenol	8.66	107	295315	43.217 ng	96
37) 2-Methylnaphthalene	8.80	142	614224	42.264 ng	99
38) 1-Methylnaphthalene	8.90	142	586227	42.638 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	286889	42.991 ng	100

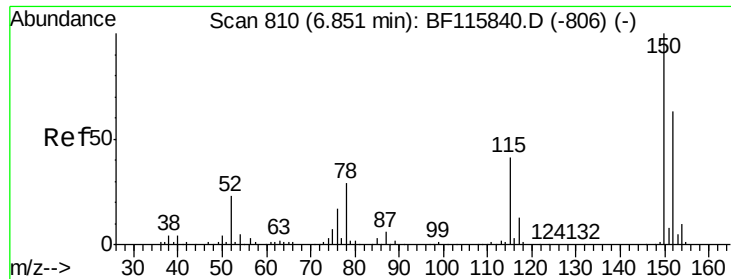
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116420.D
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Quant Time: Aug 20 15:06:42 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	95063	35.305	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	174010	37.884	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	176932	37.264	ng	97
46) 1,1'-Biphenyl	9.26	154	757288	42.972	ng	98
47) 2-Chloronaphthalene	9.29	162	613205	41.807	ng	100
48) 2-Nitroaniline	9.39	65	200027	41.259	ng	96
49) Acenaphthylene	9.70	152	904086	42.250	ng	97
50) Dimethylphthalate	9.56	163	709170	41.726	ng	100
51) 2,6-Dinitrotoluene	9.63	165	157233	42.570	ng	95
52) Acenaphthene	9.87	154	556163	42.366	ng	99
53) 3-Nitroaniline	9.80	138	184609	40.450	ng	100
54) 2,4-Dinitrophenol	9.93	184	57127	35.252	ng	97
55) Dibenzofuran	10.05	168	776891	40.694	ng	100
56) 4-Nitrophenol	9.99	139	103540	35.415	ng	94
57) 2,4-Dinitrotoluene	10.05	165	192559	39.157	ng	92
58) Fluorene	10.39	166	649178	44.198	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	145712	36.477	ng	97
60) Diethylphthalate	10.26	149	681965	42.977	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	329657	44.316	ng	100
62) 4-Nitroaniline	10.42	138	178367	37.818	ng	98
63) Azobenzene	10.53	77	706395	43.281	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	96543	41.775	ng	99
66) n-Nitrosodiphenylamine	10.50	169	562957	42.888	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	200399	42.926	ng	99
68) Hexachlorobenzene	10.95	284	227461	42.135	ng	93
69) Atrazine	11.02	200	156583	36.261	ng	98
70) Pentachlorophenol	11.15	266	104636	39.924	ng	98
71) Phenanthrene	11.35	178	941917	42.249	ng	100
72) Anthracene	11.40	178	954276	42.294	ng	99
73) Carbazole	11.56	167	881764	43.075	ng	100
74) Di-n-butylphthalate	11.87	149	1093643	45.799	ng	99
75) Fluoranthene	12.54	202	1001069	42.891	ng	98
77) Benzidine	12.66	184	436119	41.046	ng	98
78) Pyrene	12.77	202	1017310	42.911	ng	100
80) Butylbenzylphthalate	13.37	149	458044	45.675	ng	96
81) Benzo(a)anthracene	13.96	228	873326	43.445	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	305654	43.767	ng	99
83) Chrysene	13.99	228	830288	42.545	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	632382	48.526	ng	97
85) Di-n-octyl phthalate	14.53	149	985099	47.591	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	678807	41.413	ng	99
88) Benzo(b)fluoranthene	15.00	252	756247	43.904	ng	99
89) Benzo(k)fluoranthene	15.03	252	679879	40.524	ng	98
90) Benzo(a)pyrene	15.36	252	656849	42.659	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	568289	42.638	ng	99
92) Benzo(g,h,i)perylene	17.32	276	546781	41.772	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

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BNA_F

ClientSampleId :

SSTDCCC040

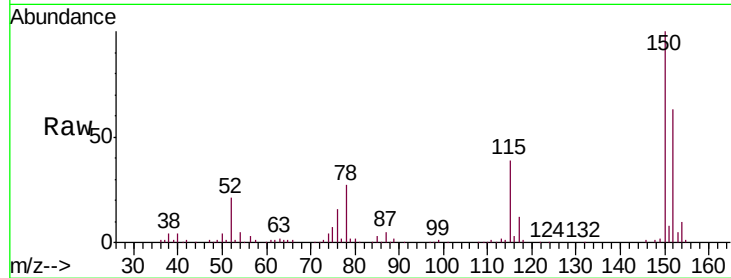
Tgt Ion:152 Resp: 112816

Ion Ratio Lower Upper

152 100

150 158.2 126.2 189.2

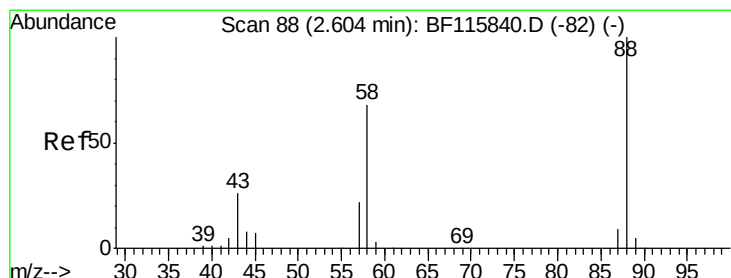
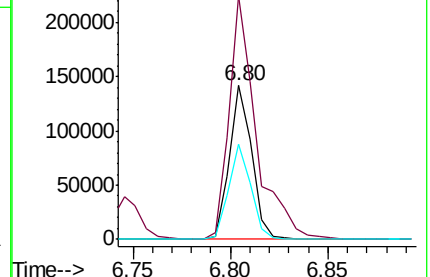
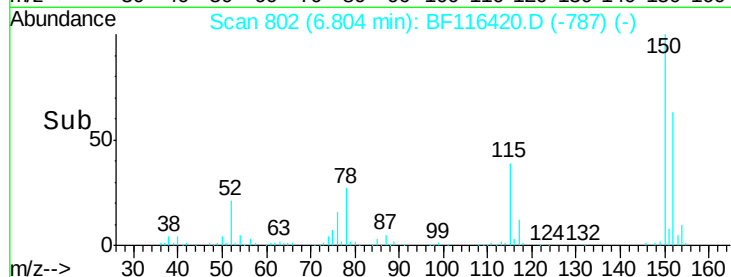
115 61.8 49.9 74.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.419 ng

RT: 2.52 min Scan# 74

Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

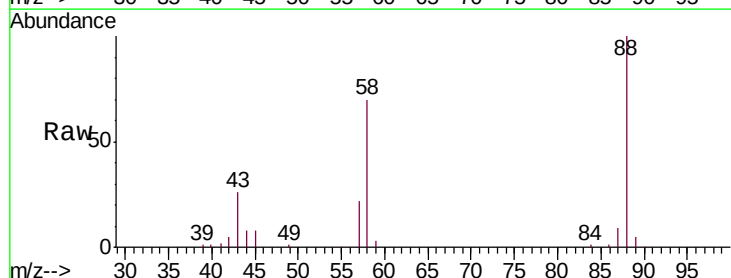
Tgt Ion: 88 Resp: 137605

Ion Ratio Lower Upper

88 100

58 68.5 53.7 80.5

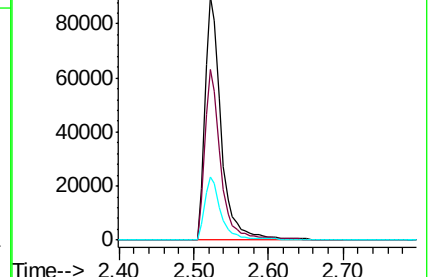
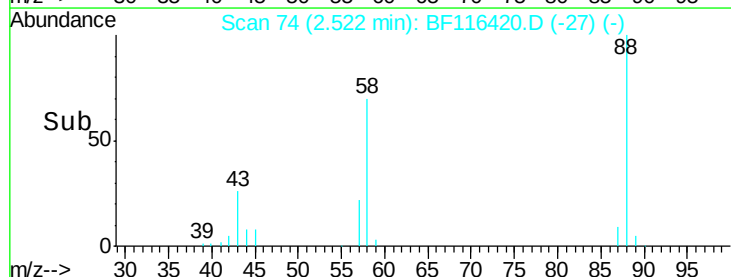
43 26.0 21.0 31.4

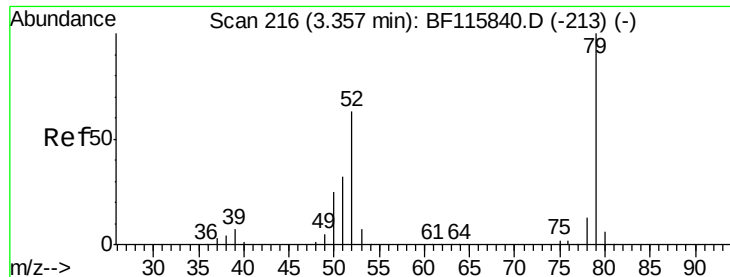


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 36.371 ng

RT: 3.28 min Scan# 202

Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

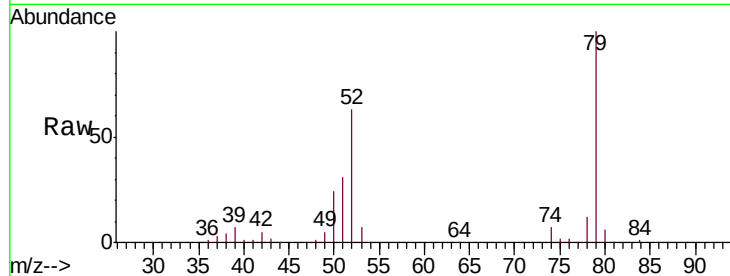
Tgt Ion: 79 Resp: 345899

Ion Ratio Lower Upper

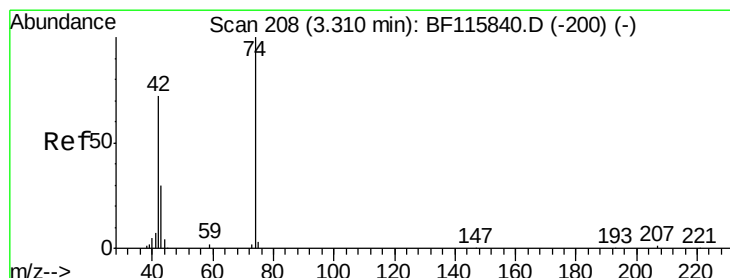
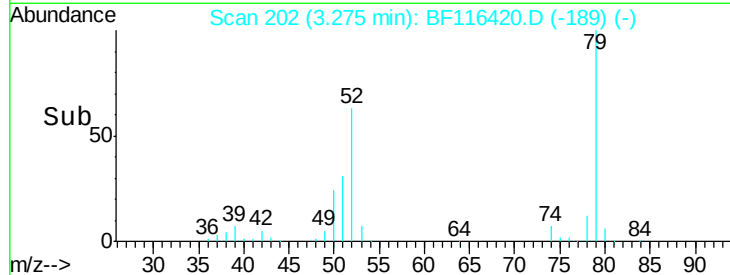
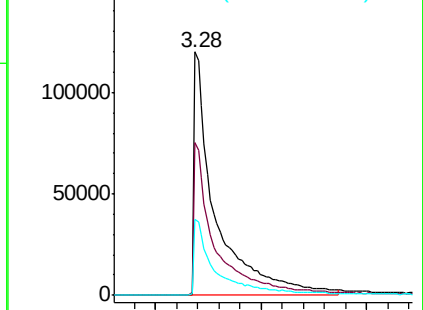
79 100

52 62.8 49.8 74.8

51 31.1 25.2 37.8



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



#4

n-Nitrosodimethylamine

Concen: 38.374 ng

RT: 3.23 min Scan# 195

Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

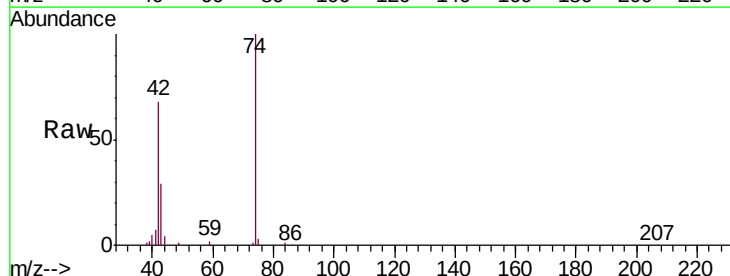
Tgt Ion: 42 Resp: 144021

Ion Ratio Lower Upper

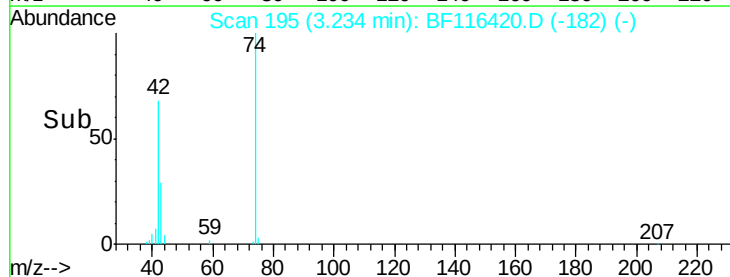
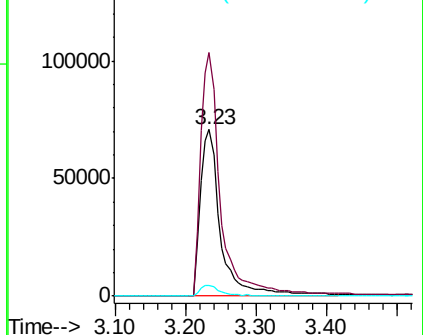
42 100

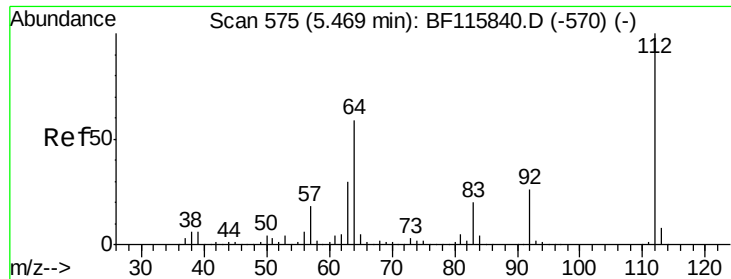
74 146.4 116.0 174.0

44 6.5 4.6 7.0



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





#5

2-Fluorophenol

Concen: 89.588 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

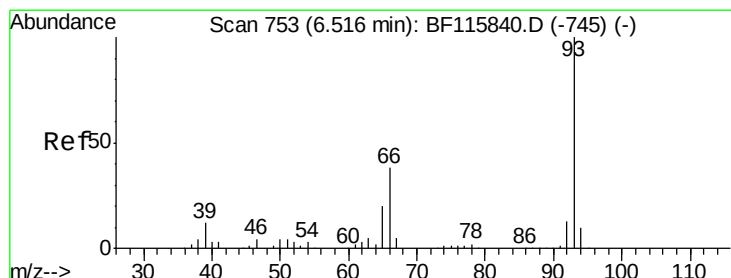
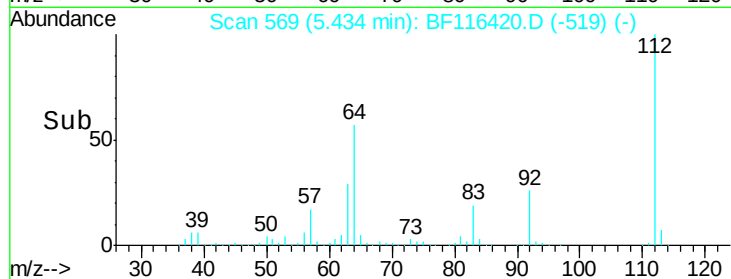
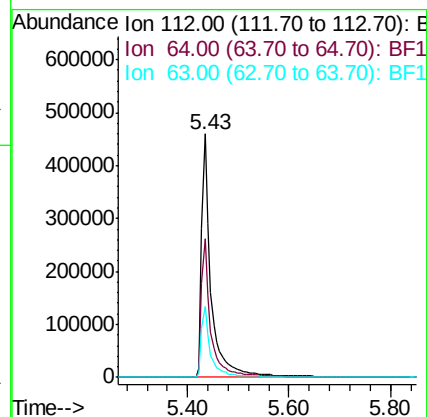
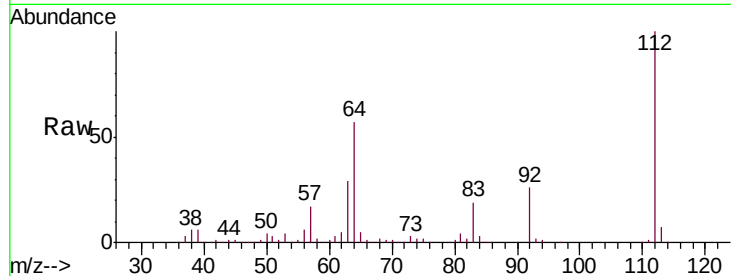
Instrument :

BNA_F

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Tgt Ion:	112	Resp:	603737
Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.4	68.2
63	29.3	23.7	35.5



#6

Aniline

Concen: 39.277 ng

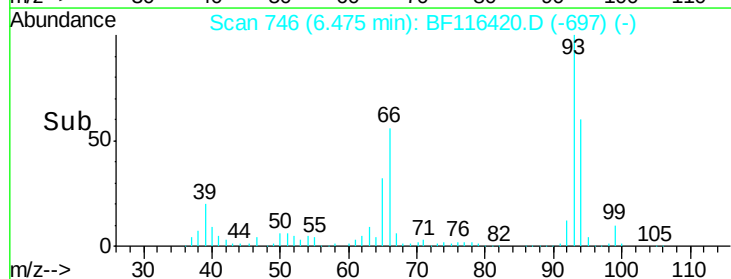
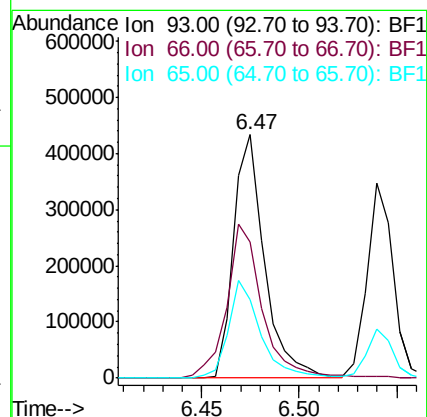
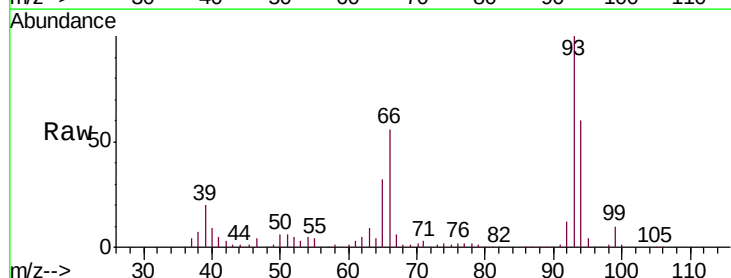
RT: 6.47 min Scan# 746

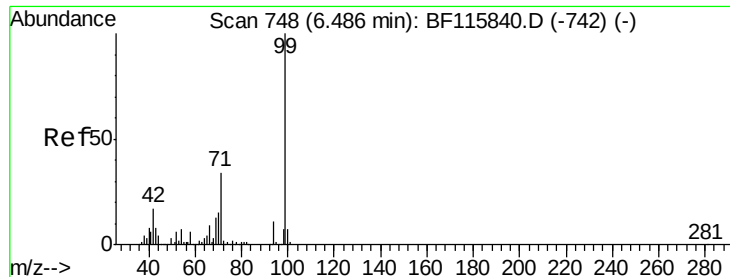
Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion:	93	Resp:	478261
Ion	Ratio	Lower	Upper
93	100		
66	55.7	32.2	48.4#
65	32.4	17.0	25.6#





#7

Phenol-d6

Concen: 84.821 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

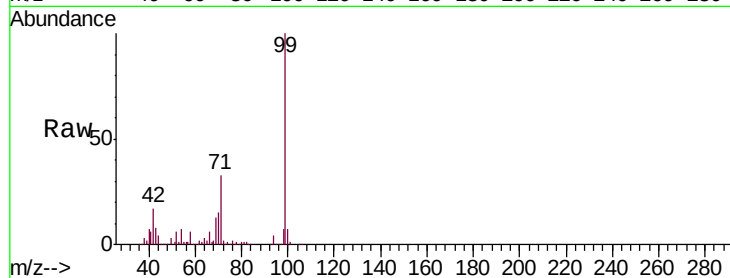
Tgt Ion: 99 Resp: 721191

Ion Ratio Lower Upper

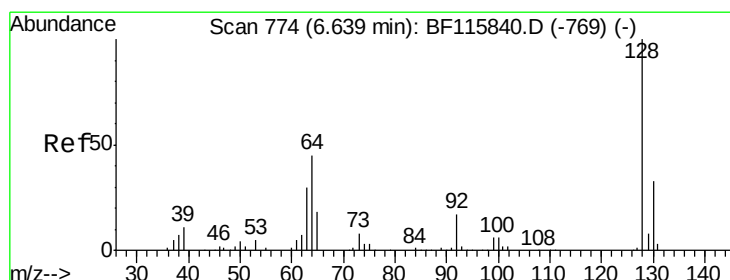
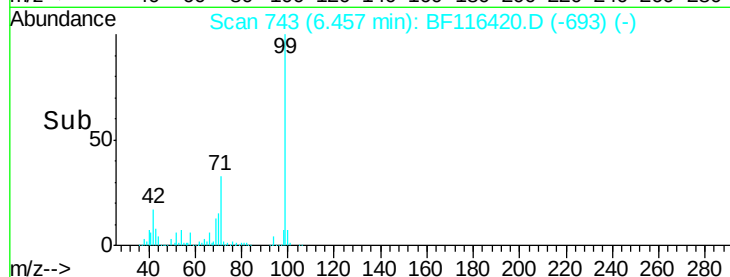
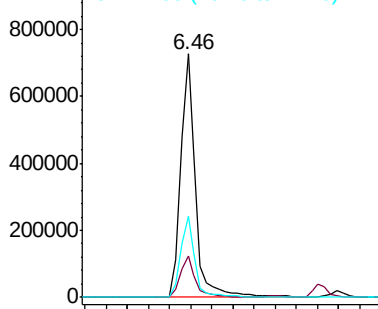
99 100

42 16.9 13.8 20.8

71 33.2 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.347 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

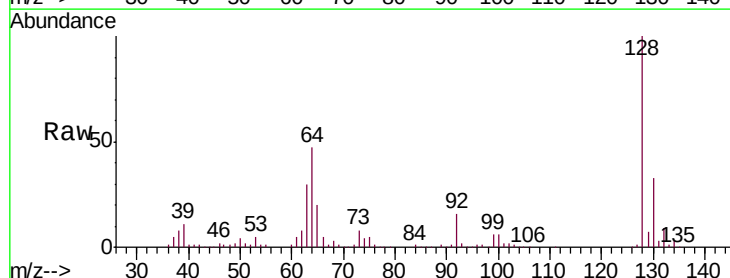
Tgt Ion: 128 Resp: 330472

Ion Ratio Lower Upper

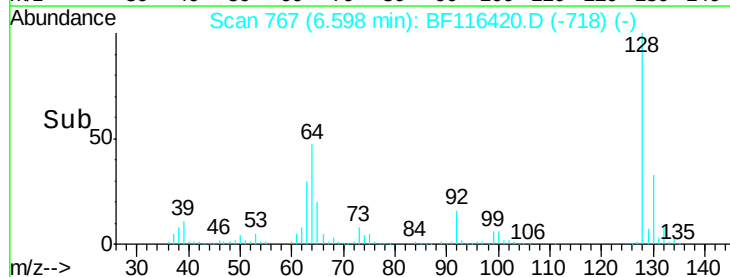
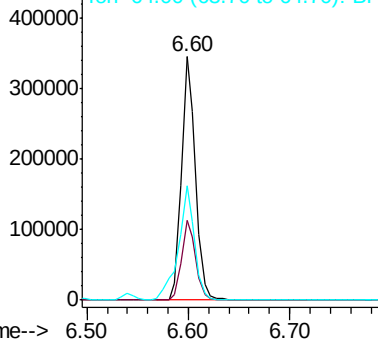
128 100

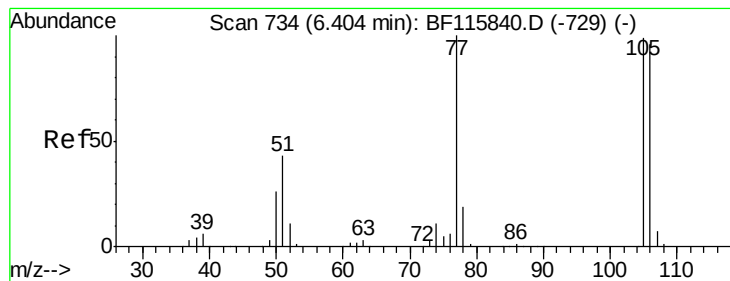
130 32.6 12.9 52.9

64 46.9 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.989 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

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BNA_F

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SSTDCCC040

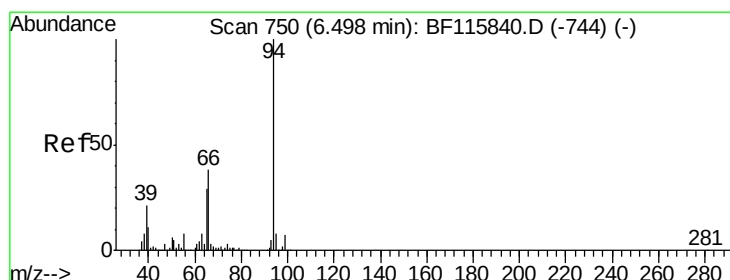
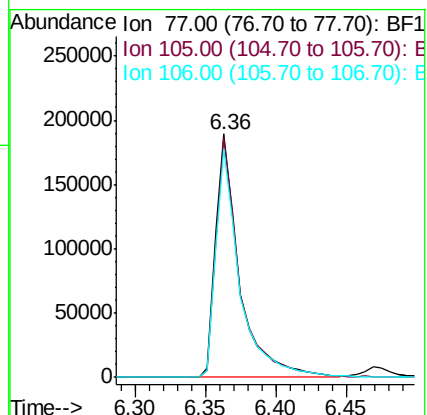
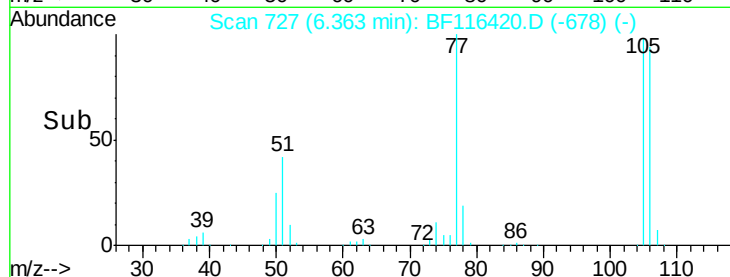
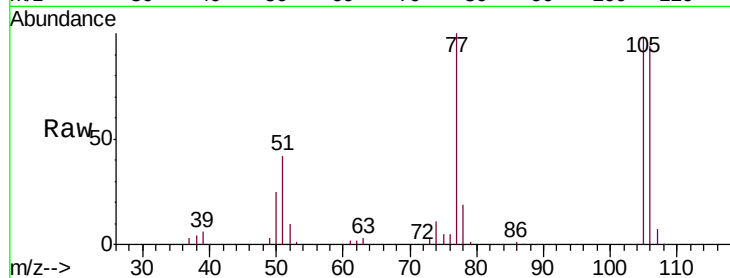
Tgt Ion: 77 Resp: 222865

Ion Ratio Lower Upper

77 100

105 98.4 79.2 119.2

106 94.0 74.3 114.3



#10

Phenol

Concen: 41.421 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

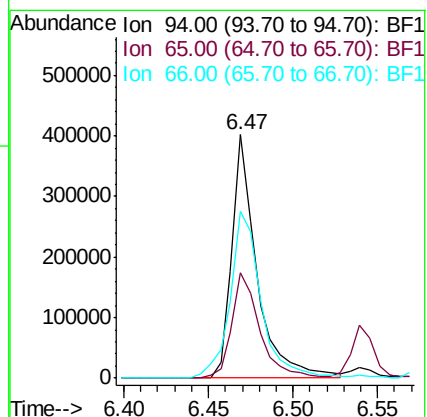
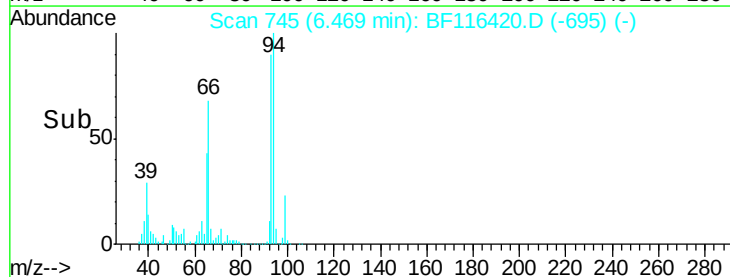
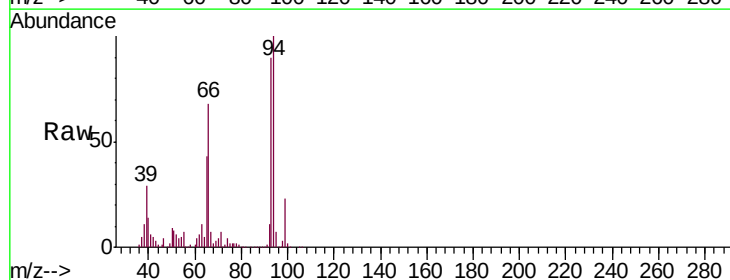
Tgt Ion: 94 Resp: 414731

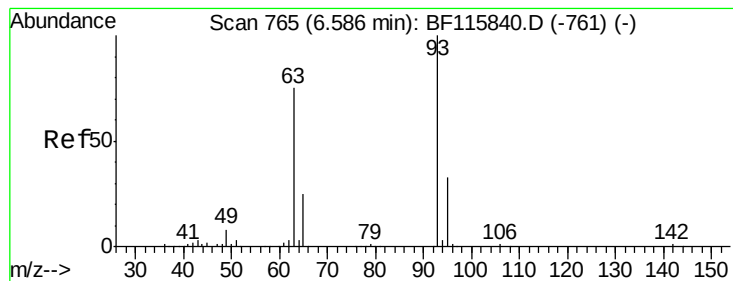
Ion Ratio Lower Upper

94 100

65 43.1 16.8 56.8

66 68.5 34.2 74.2

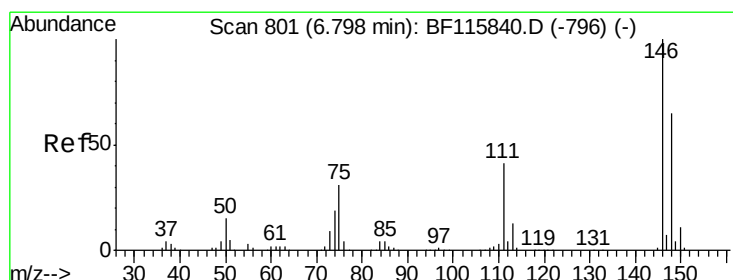
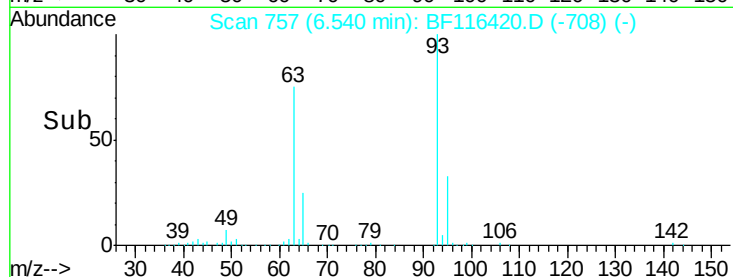
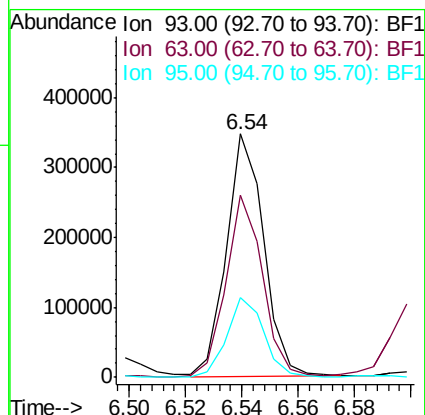
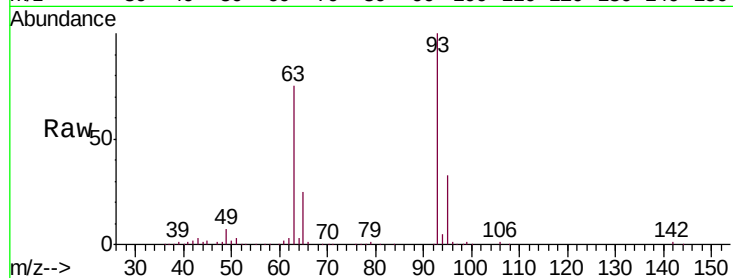




#11
bis(2-Chloroethyl)ether
Concen: 43.017 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

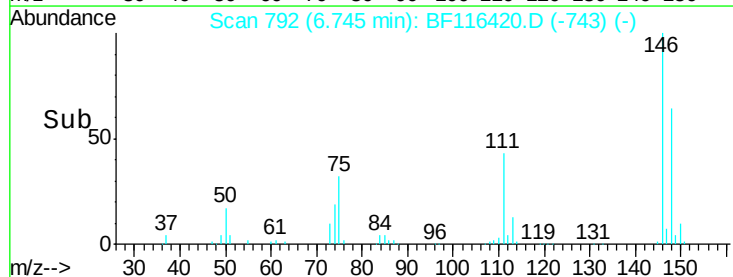
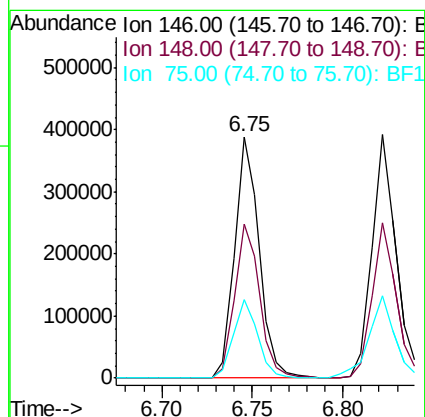
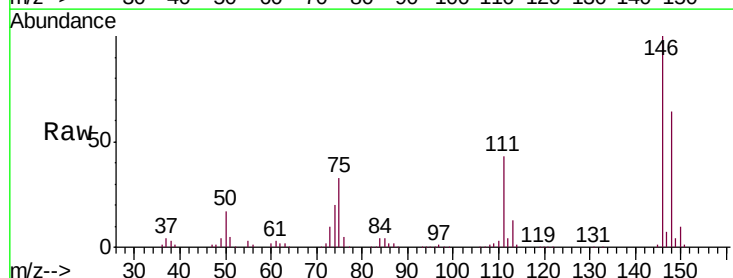
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

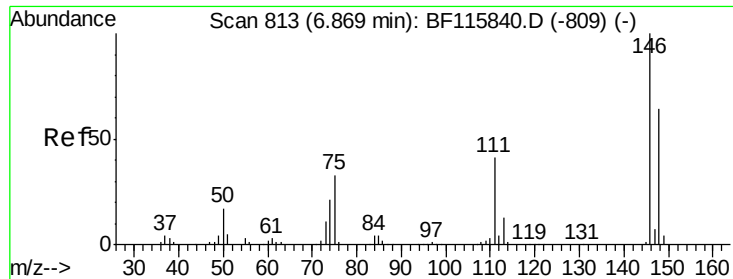
Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.0	51.9	91.9
95	32.5	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 42.525 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	32.6	27.4	41.2

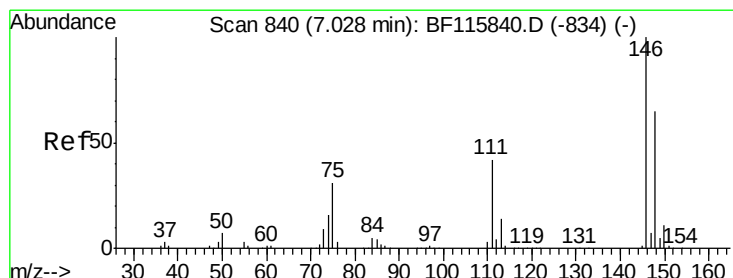
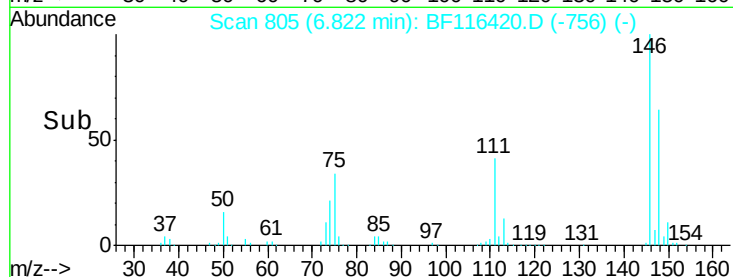
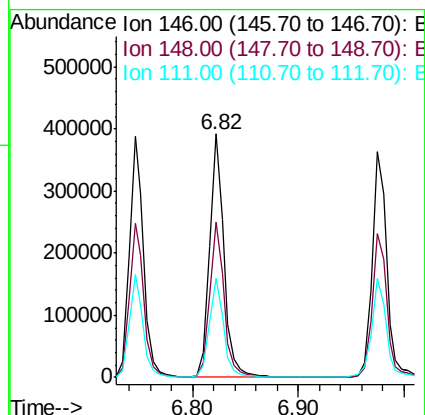
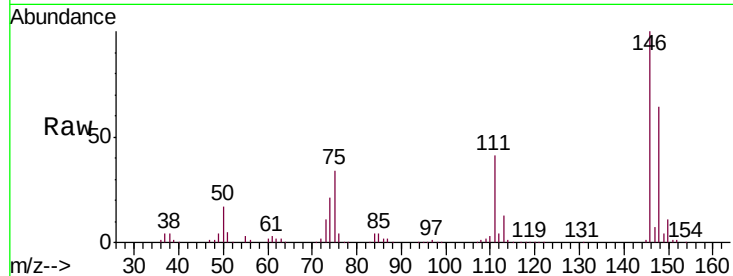




#13
 1,4-Dichlorobenzene
 Concen: 42.954 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

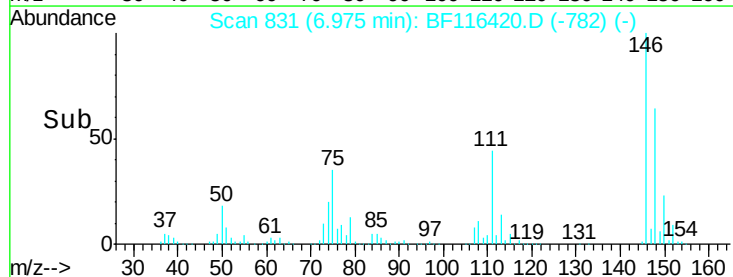
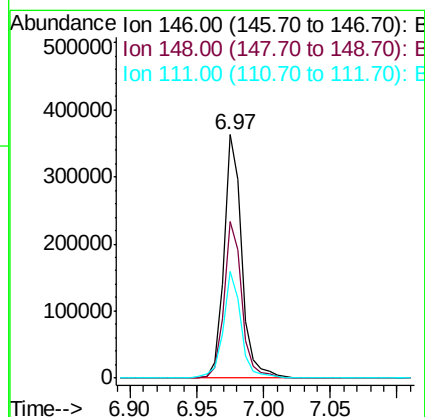
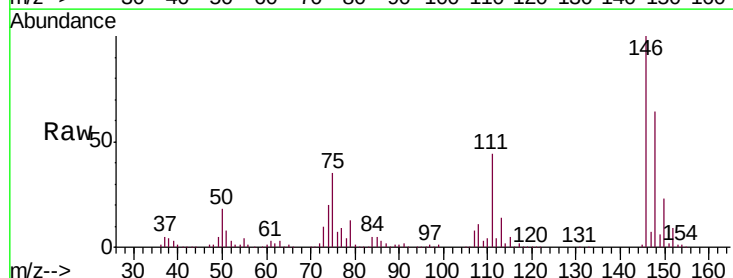
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

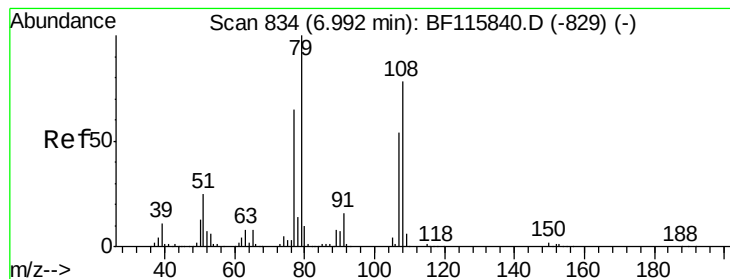
Tgt Ion:146 Resp: 370396
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.3 76.9
 111 40.6 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 43.049 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion:146 Resp: 341816
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.2 76.8
 111 43.7 33.5 50.3





#15

Benzyl Alcohol

Concen: 41.232 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

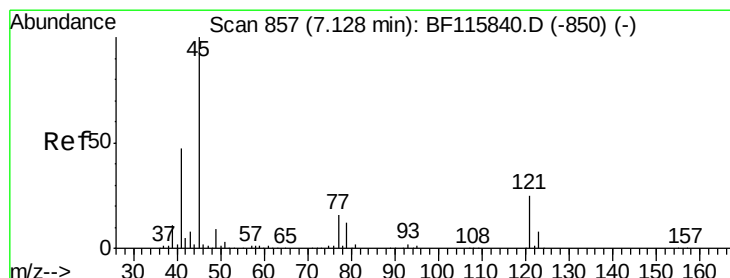
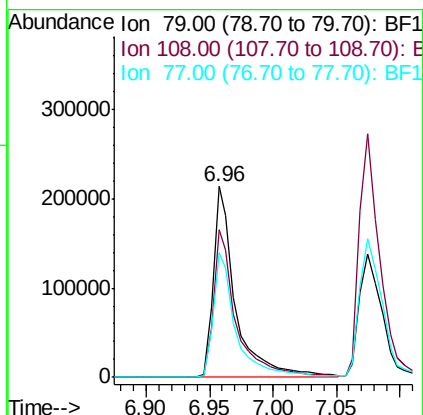
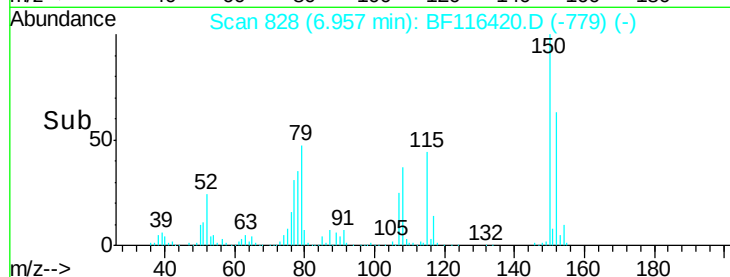
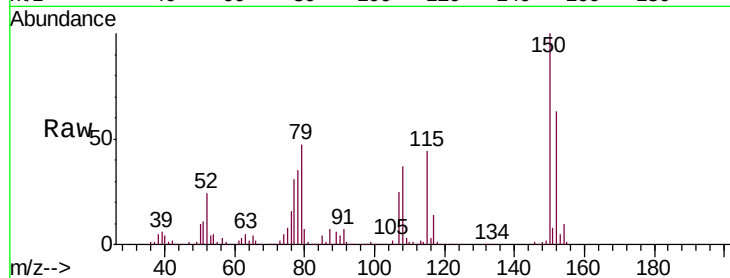
Tgt Ion: 79 Resp: 266049

Ion Ratio Lower Upper

79 100

108 77.5 62.7 94.1

77 65.2 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.903 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

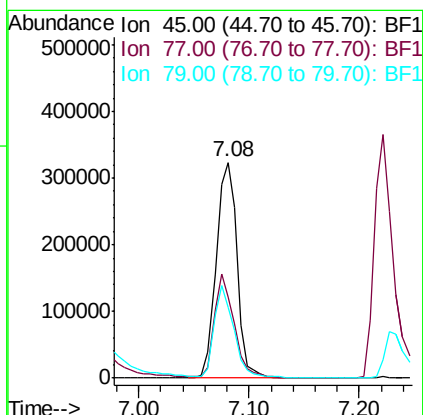
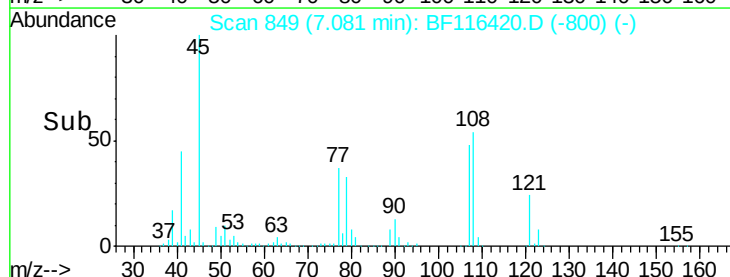
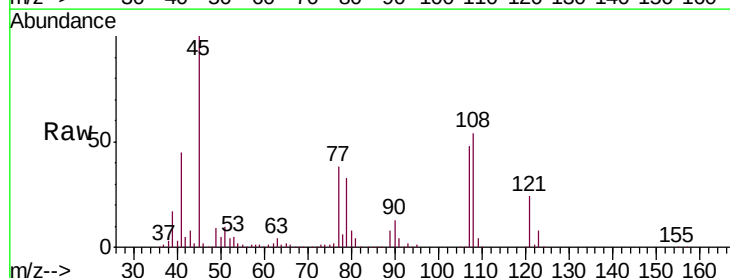
Tgt Ion: 45 Resp: 420742

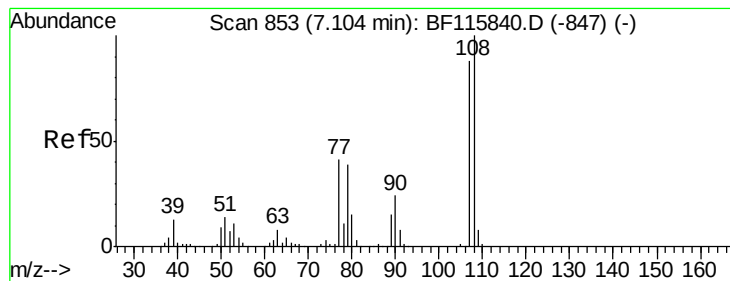
Ion Ratio Lower Upper

45 100

77 37.5 0.0 40.0

79 32.7 0.0 35.9





#17

2-Methylphenol

Concen: 42.870 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 270510

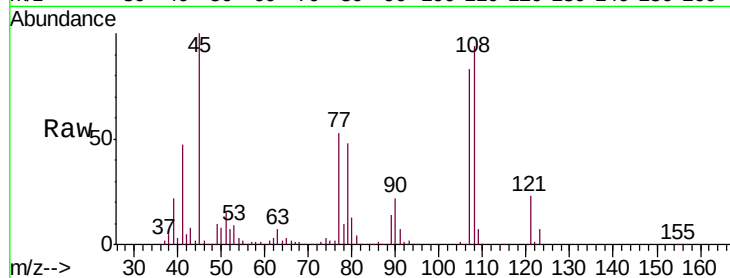
Ion Ratio Lower Upper

107 100

108 113.4 91.2 136.8

77 64.6 40.3 60.5#

79 57.7 37.6 56.4#



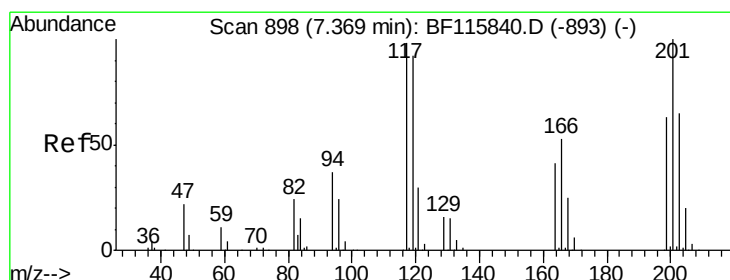
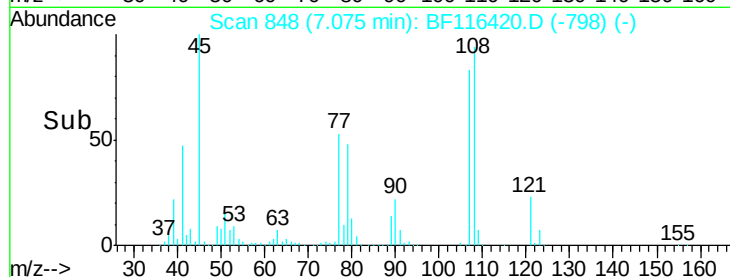
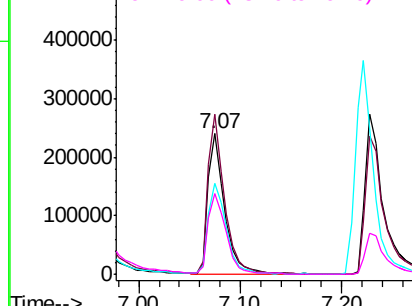
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.580 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

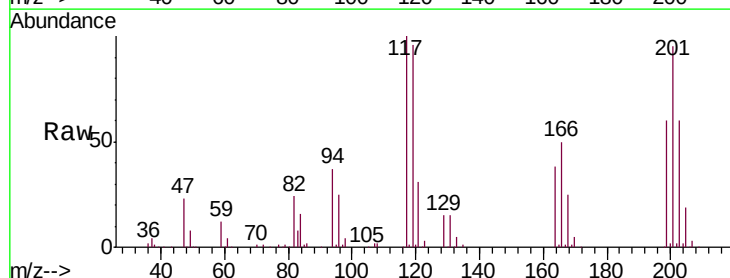
Tgt Ion:117 Resp: 135187

Ion Ratio Lower Upper

117 100

119 96.2 76.1 114.1

201 95.4 77.0 115.4

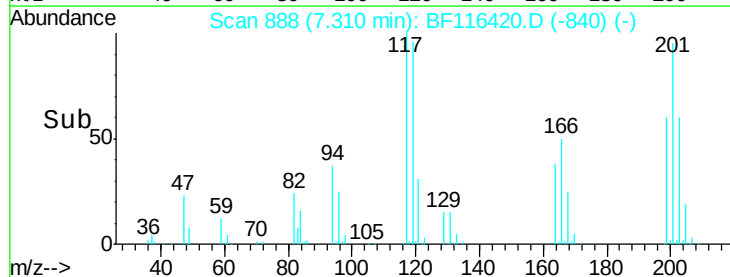
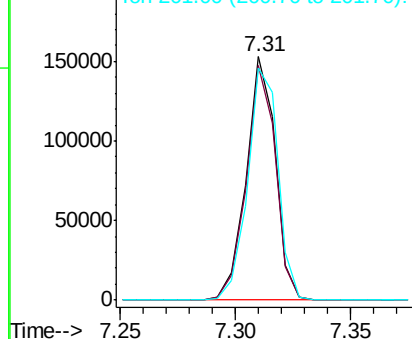


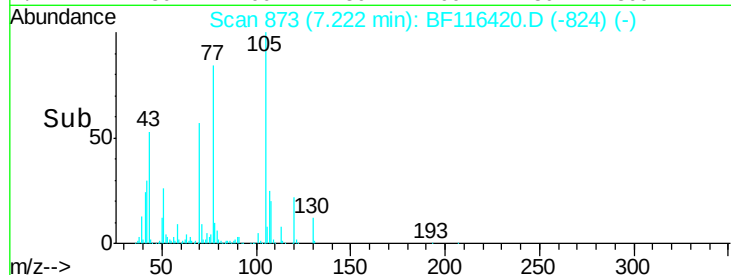
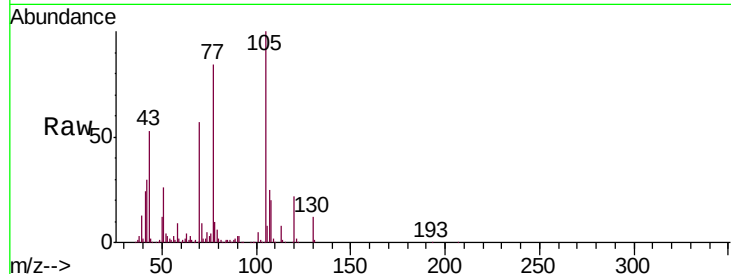
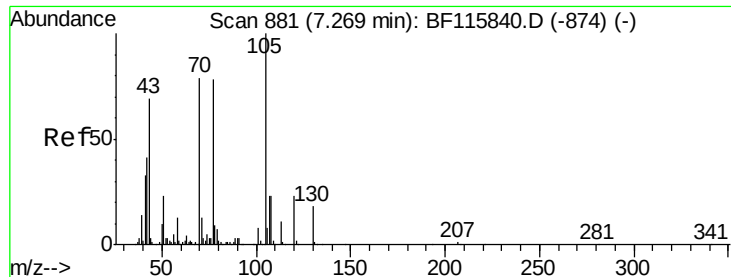
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

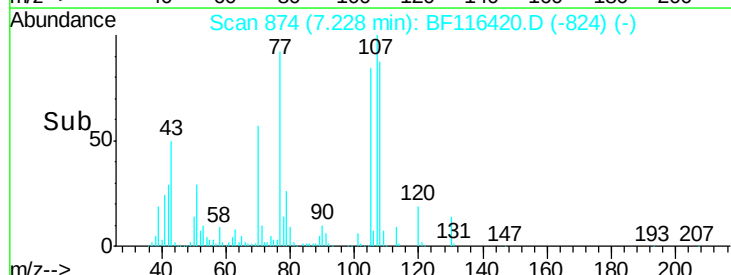
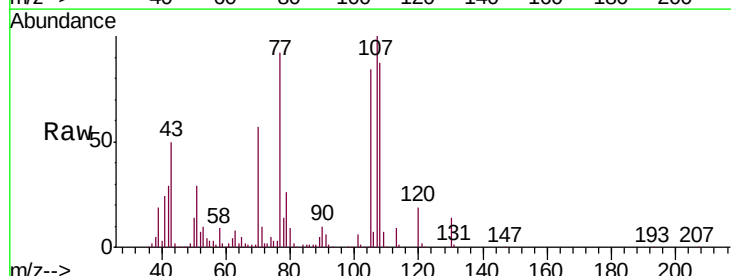
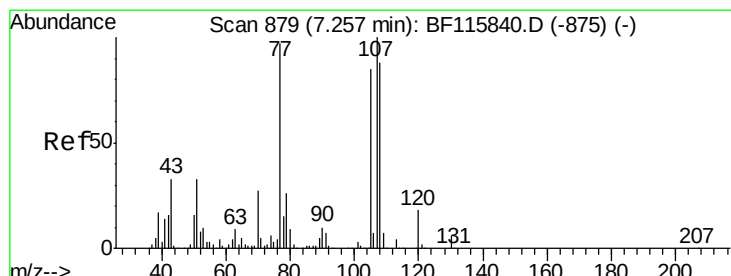
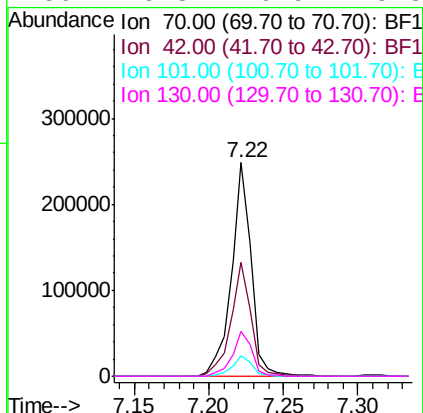




#19
n-Nitroso-di-n-propylamine
Concen: 44.099 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

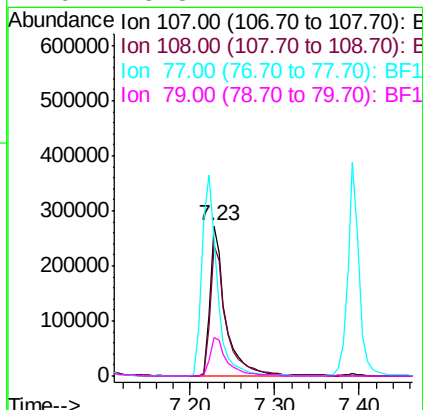
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

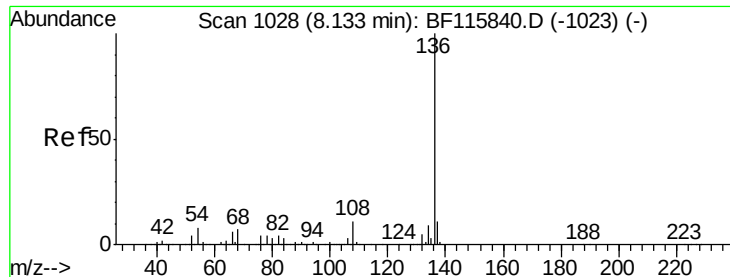
Tgt Ion:	70	Resp:	232348
Ion	Ratio	Lower	Upper
70	100		
42	53.3	40.9	61.3
101	9.4	7.9	11.9
130	20.8	16.9	25.3



#20
3+4-Methylphenols
Concen: 47.081 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion:	107	Resp:	351561
Ion	Ratio	Lower	Upper
107	100		
108	87.0	67.6	107.6
77	91.7	104.4	144.4#
79	25.8	7.4	47.4

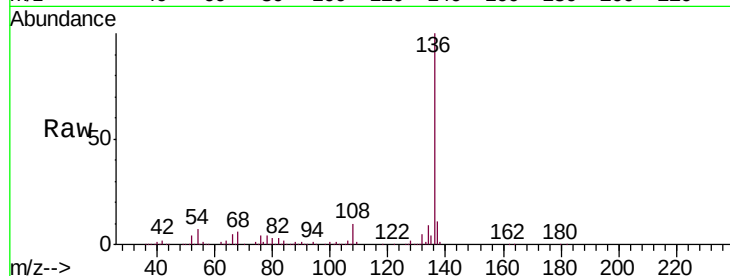




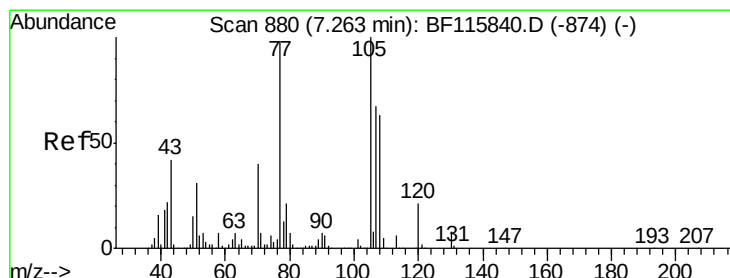
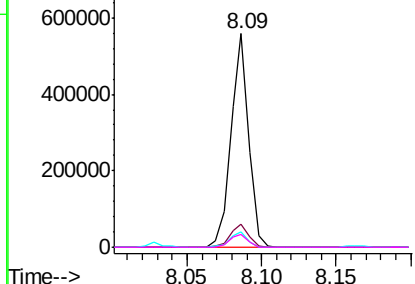
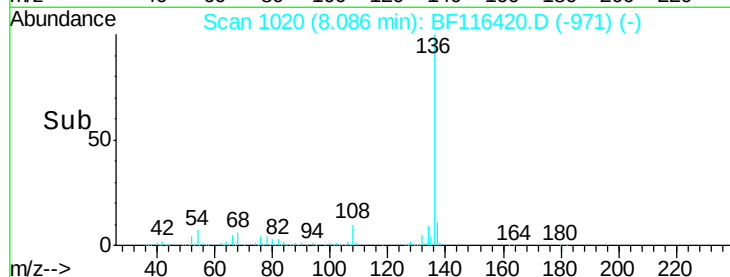
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	468935
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.9	5.8	8.6
68	6.2	5.2	7.8

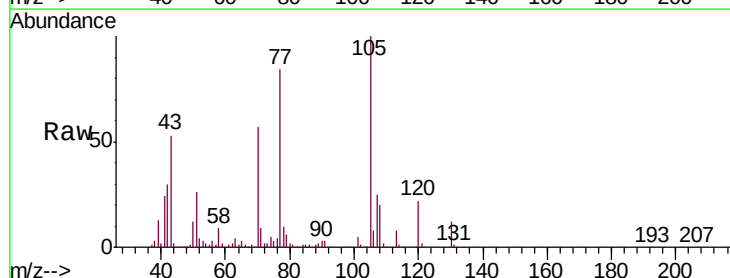


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

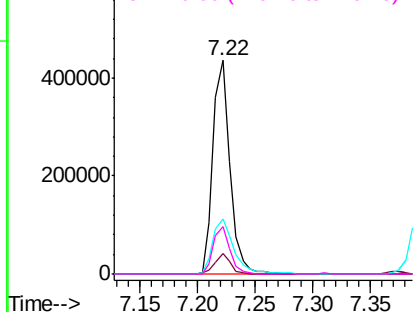
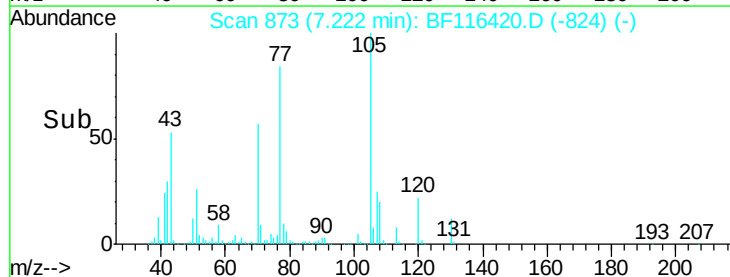


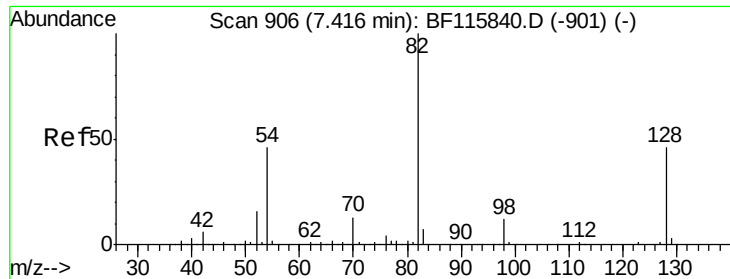
#22
Acetophenone
Concen: 43.438 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion:	105	Resp:	446731
Ion	Ratio	Lower	Upper
105	100		
71	9.4	5.9	8.9#
51	25.8	25.3	37.9
120	22.5	17.9	26.9



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

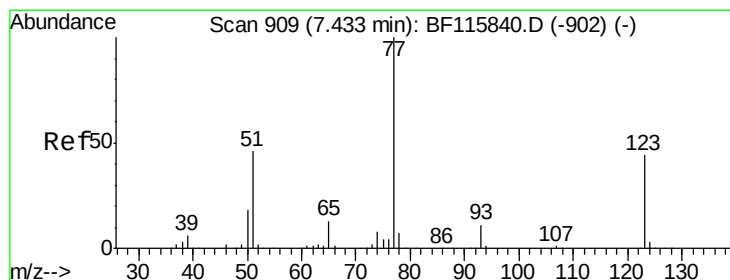
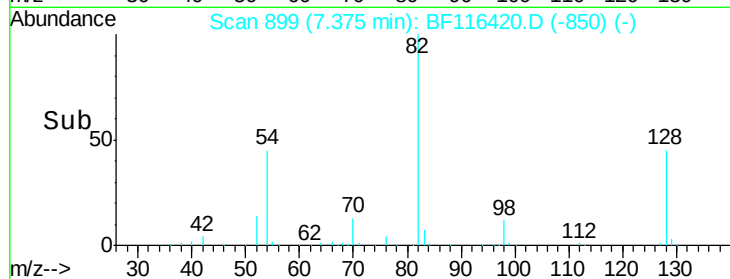
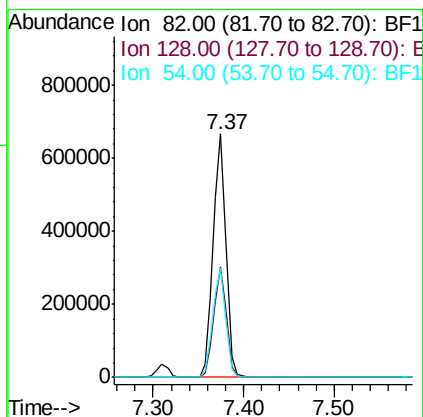
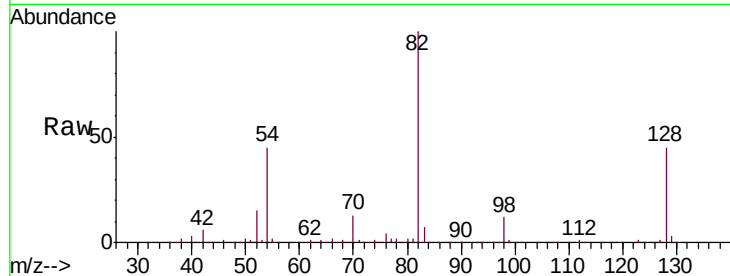




#23
 Nitrobenzene-d5
 Concen: 82.153 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

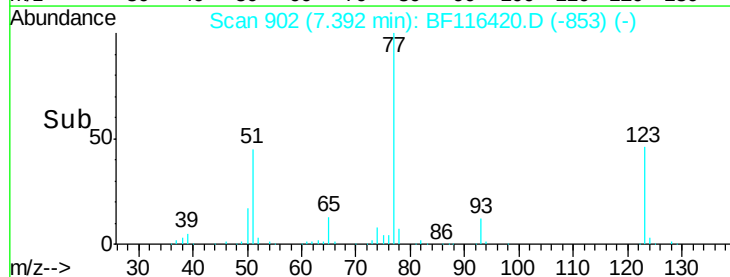
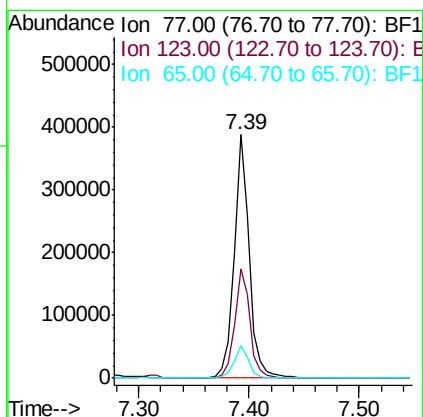
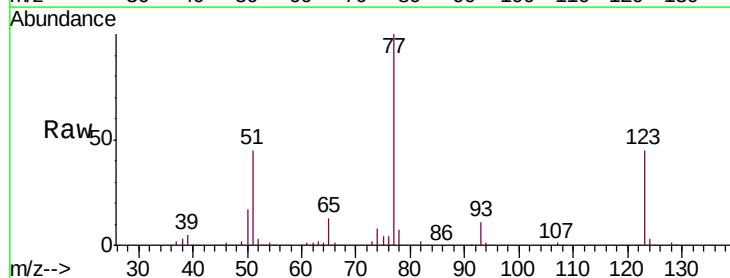
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

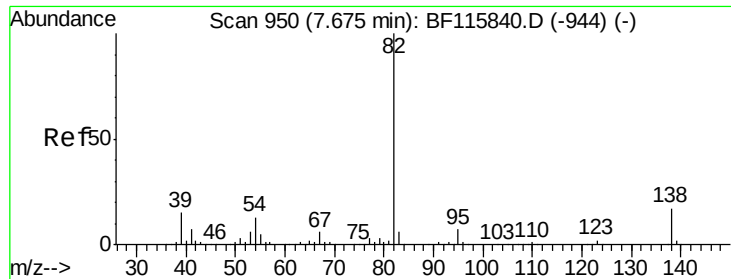
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.5	54.7
54	45.0	36.0	54.0



#24
 Nitrobenzene
 Concen: 42.032 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.7	55.1
65	13.2	10.6	16.0





#25

Isophorone

Concen: 42.313 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

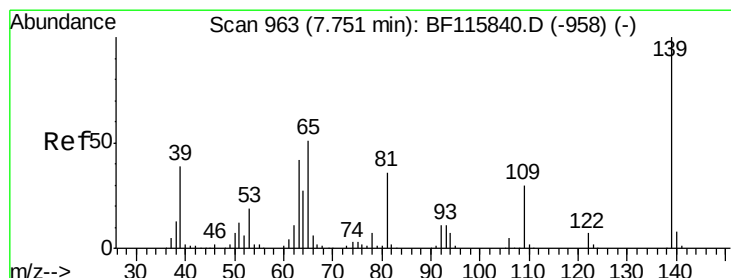
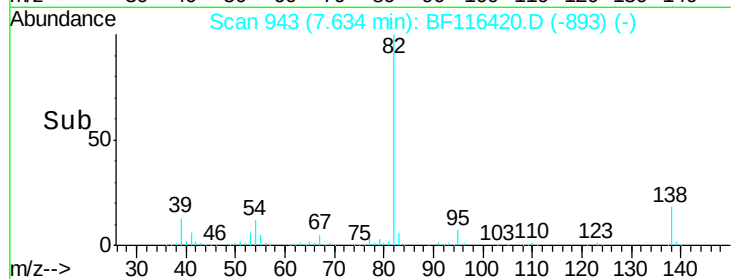
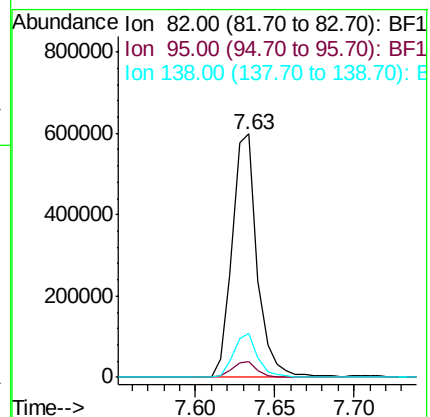
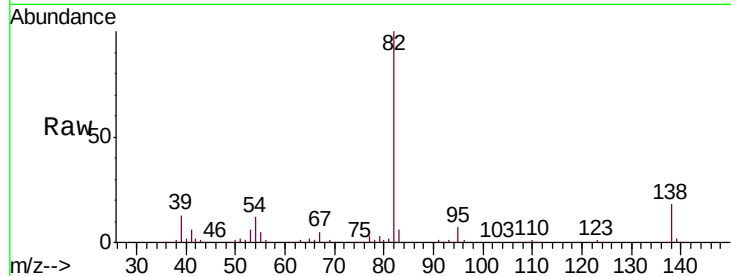
Tgt Ion: 82 Resp: 657288

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 18.1 14.5 21.7



#26

2-Nitrophenol

Concen: 43.762 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

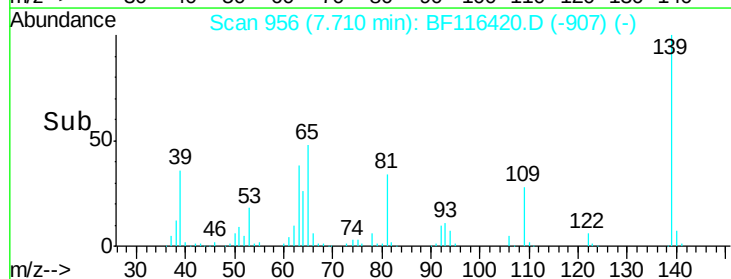
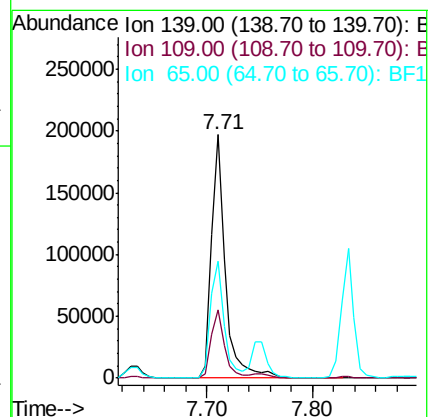
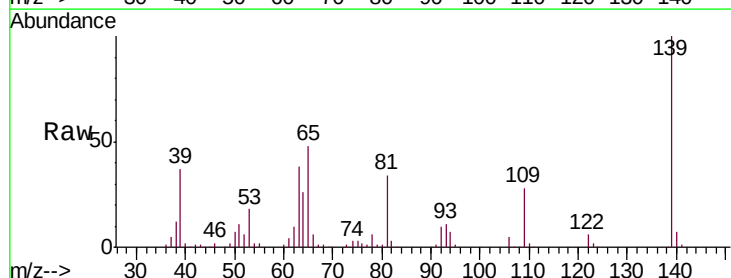
Tgt Ion: 139 Resp: 180951

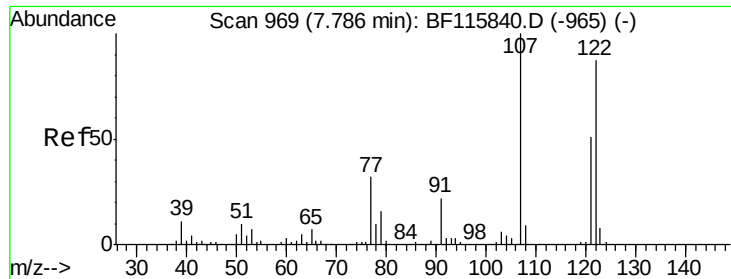
Ion Ratio Lower Upper

139 100

109 27.9 23.4 35.2

65 48.0 41.1 61.7

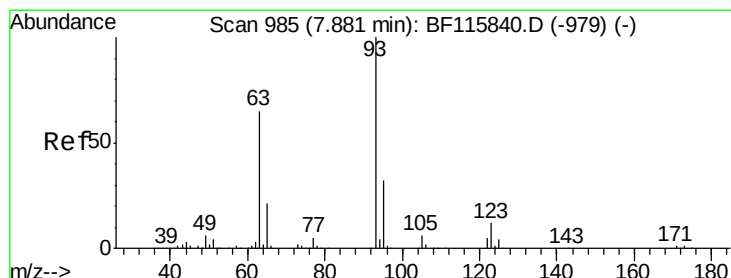
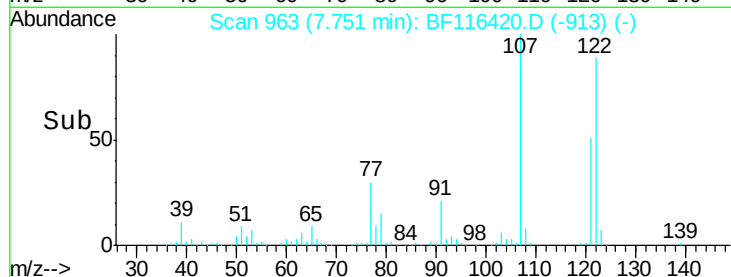
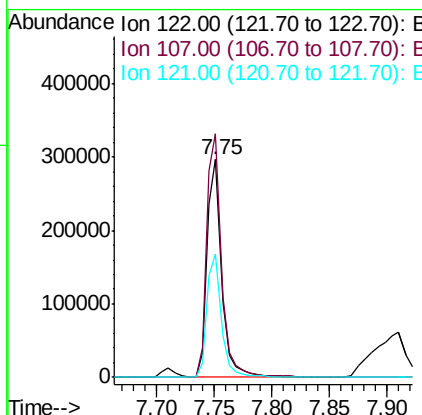
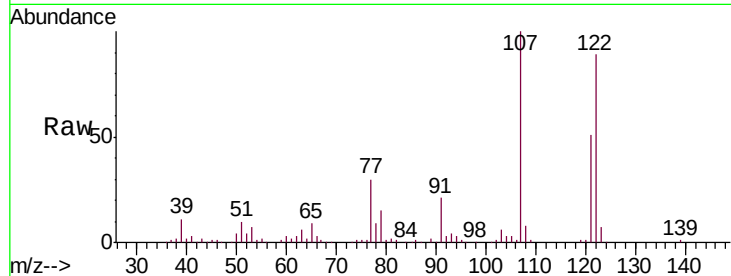




#27
 2,4-Dimethylphenol
 Concen: 41.572 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

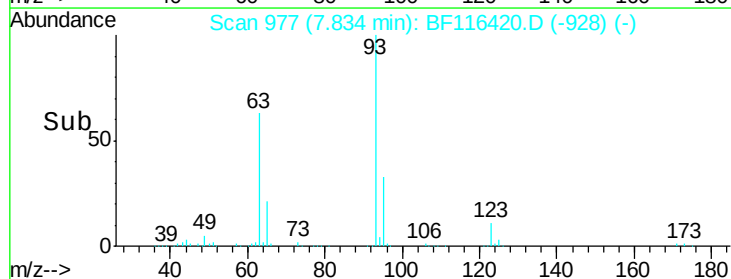
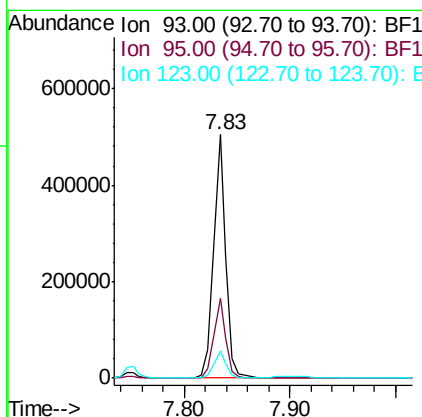
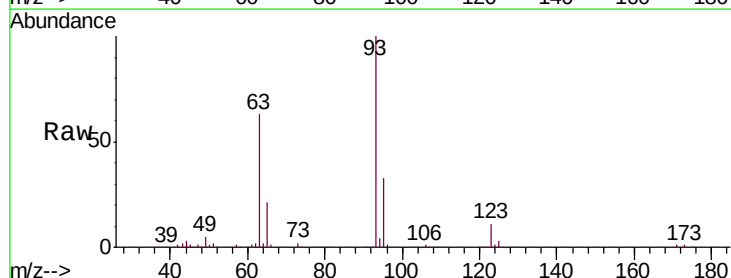
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

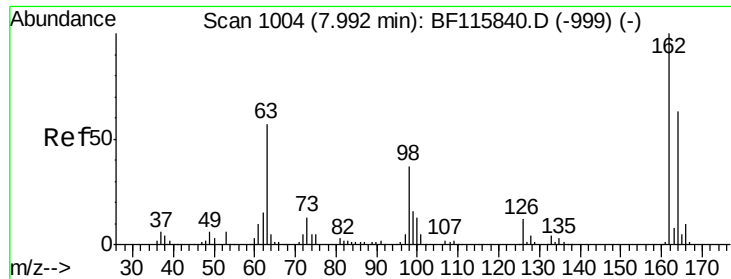
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.9	93.0	139.6
121	56.8	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.262 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	11.1	9.2	13.8

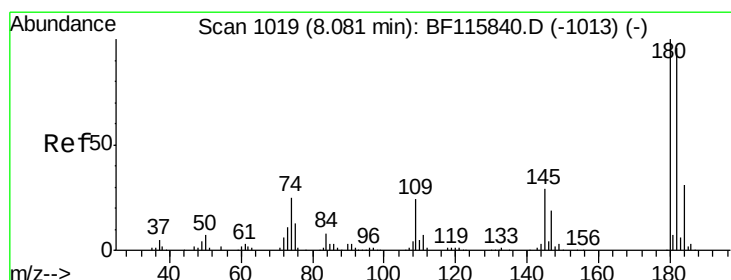
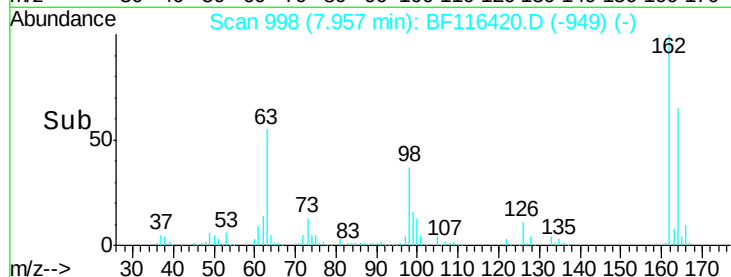
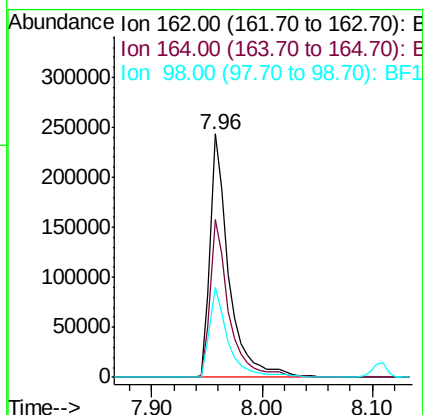
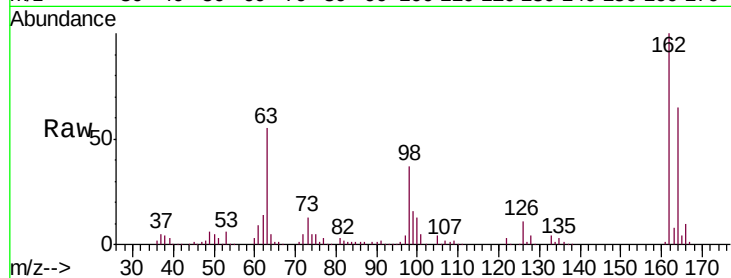




#29
 2,4-Dichlorophenol
 Concen: 43.099 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

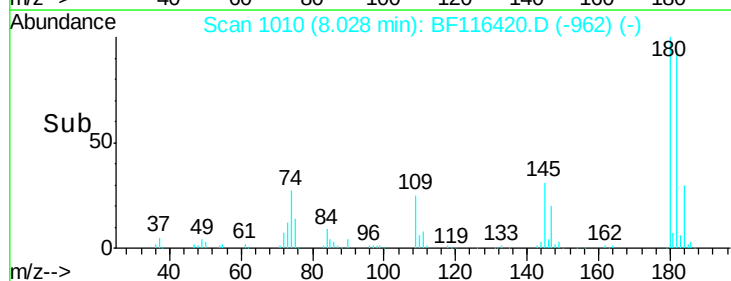
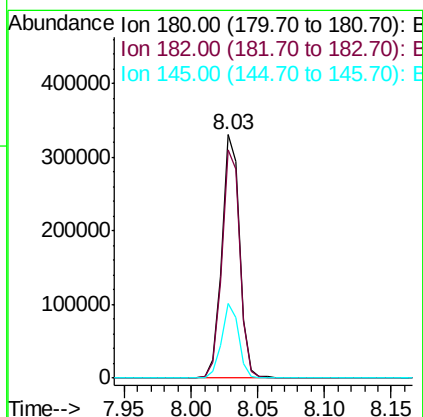
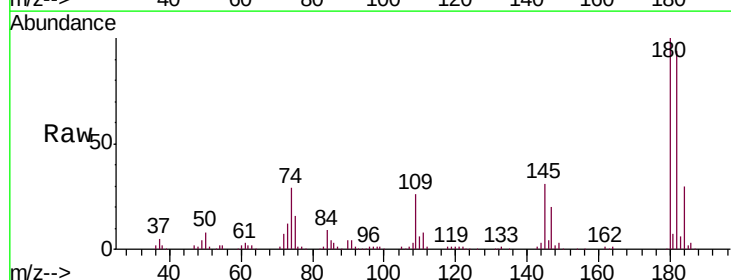
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

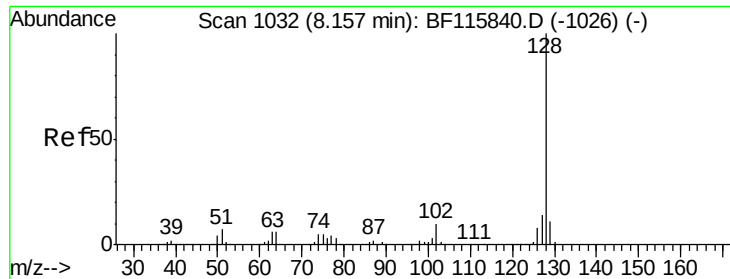
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.1	85.1
98	37.2	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.698 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.7	113.5
145	30.7	24.3	36.5

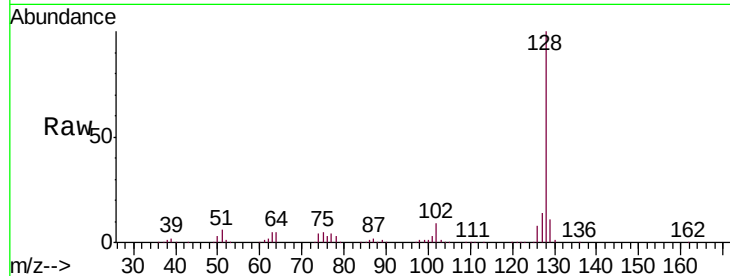




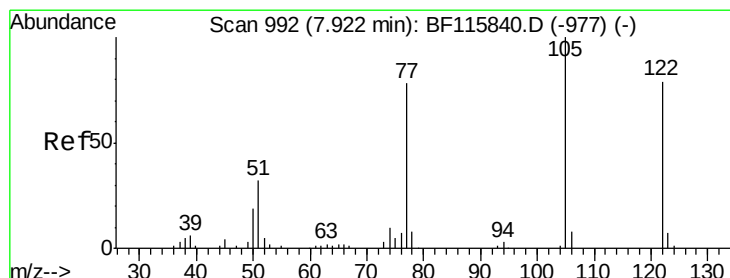
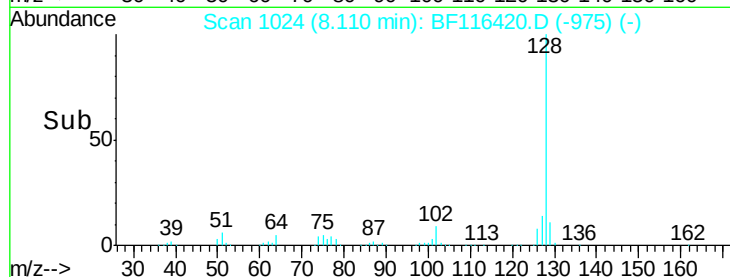
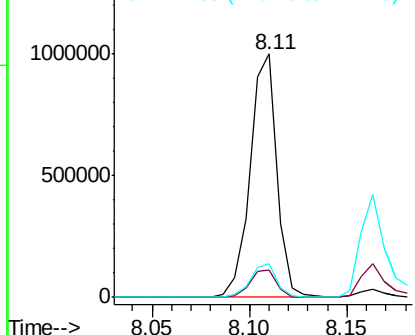
#31
Naphthalene
Concen: 42.915 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 947003
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.6 11.4 17.0

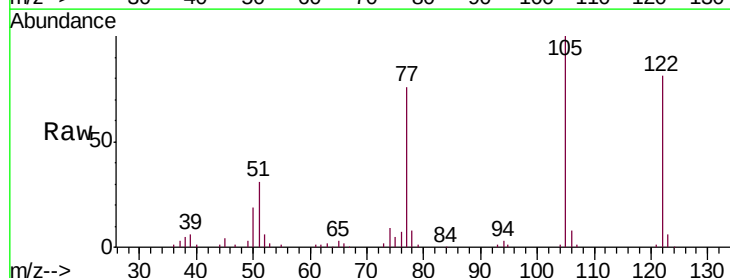


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

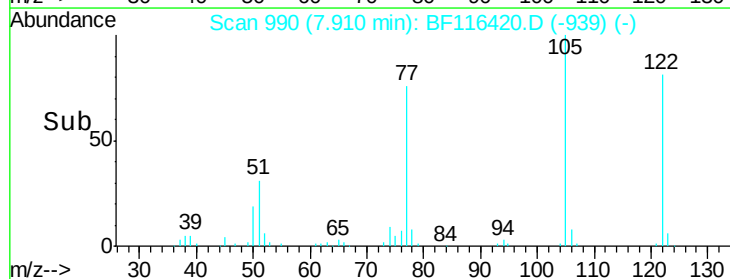
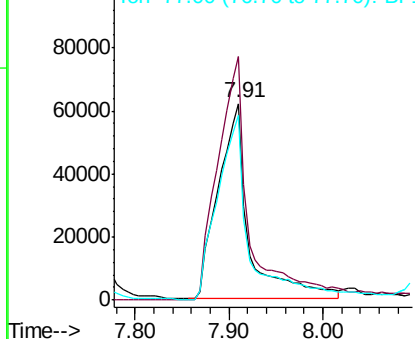


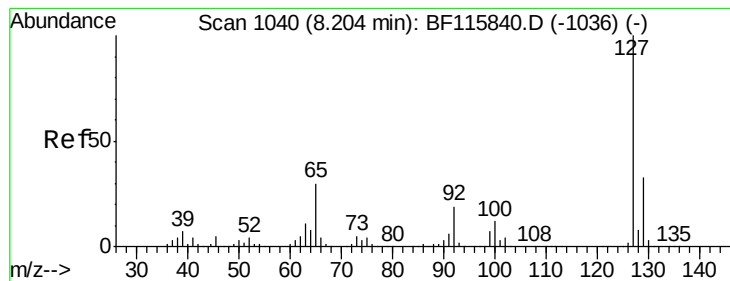
#32
Benzoic acid
Concen: 32.887 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion:122 Resp: 144240
Ion Ratio Lower Upper
122 100
105 123.7 106.1 146.1
77 94.0 76.7 116.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 41.410 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 408294

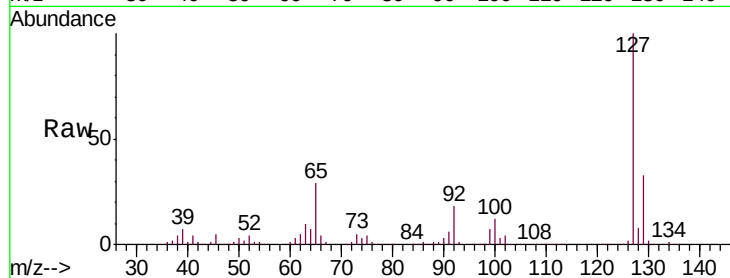
Ion Ratio Lower Upper

127 100

129 33.0 26.1 39.1

65 29.2 24.9 37.3

92 18.4 15.7 23.5

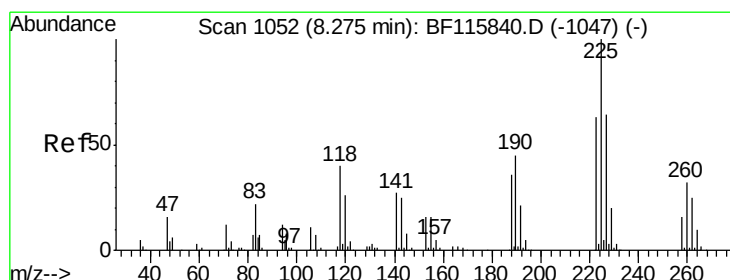
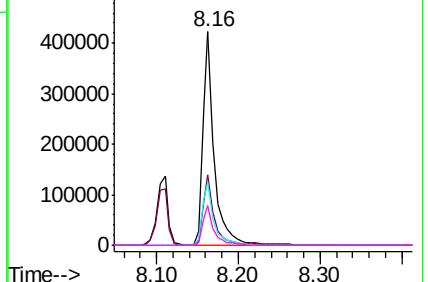
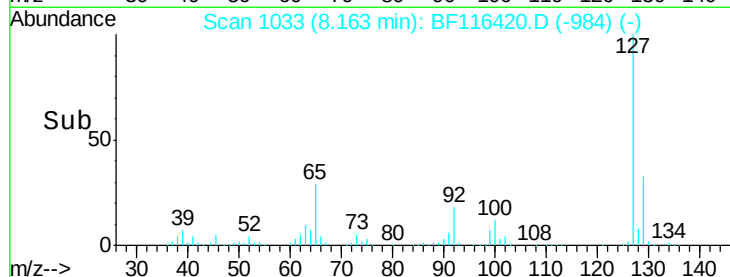


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.447 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

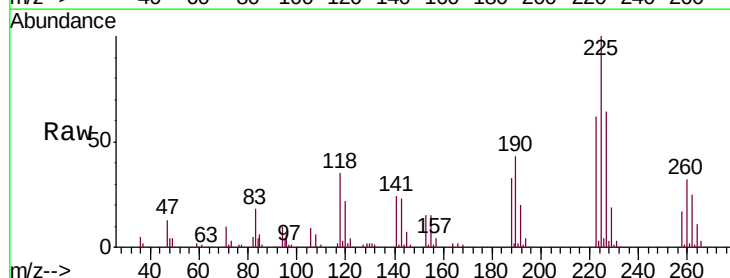
Tgt Ion:225 Resp: 183062

Ion Ratio Lower Upper

225 100

223 62.4 50.0 75.0

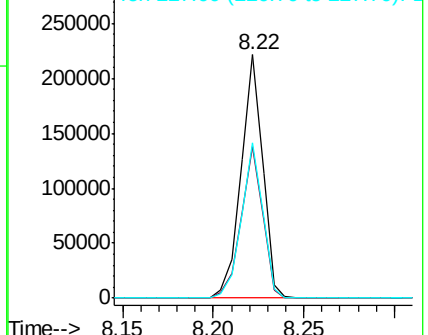
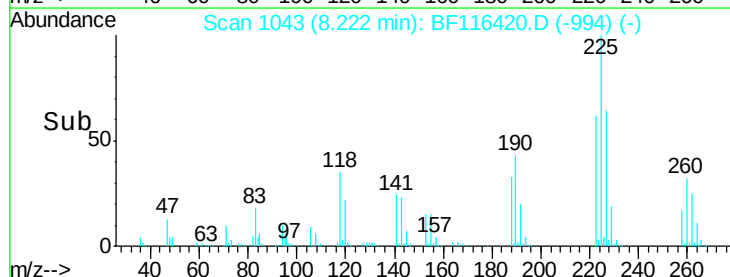
227 63.9 51.0 76.4

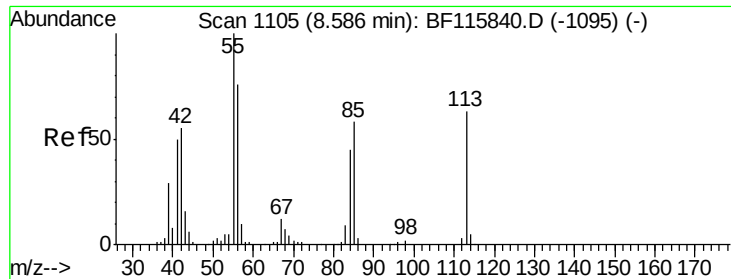


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

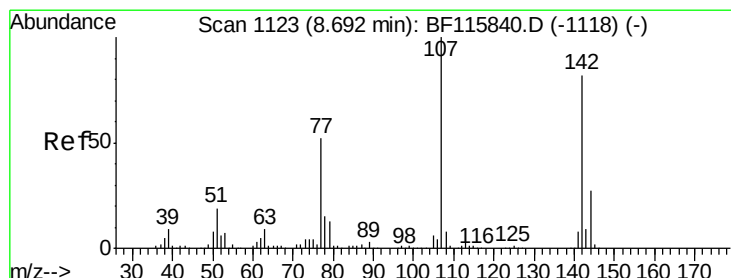
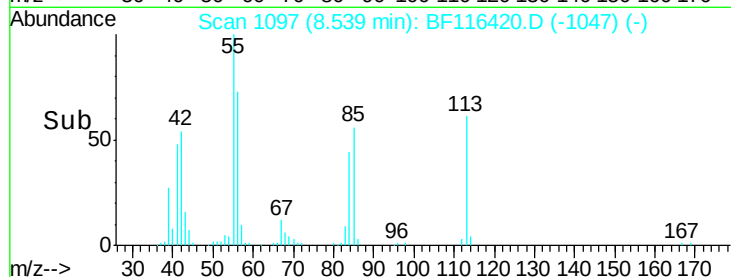
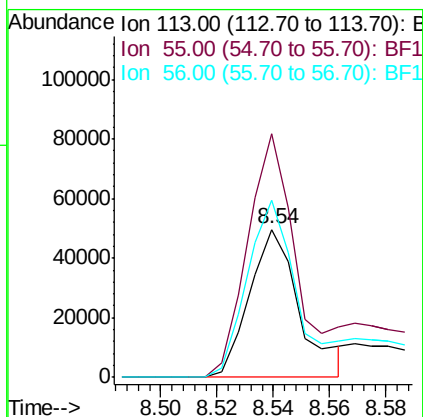
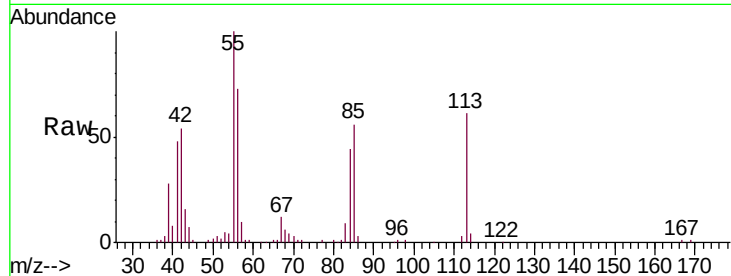




#35
 Caprolactam
 Concen: 28.901 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

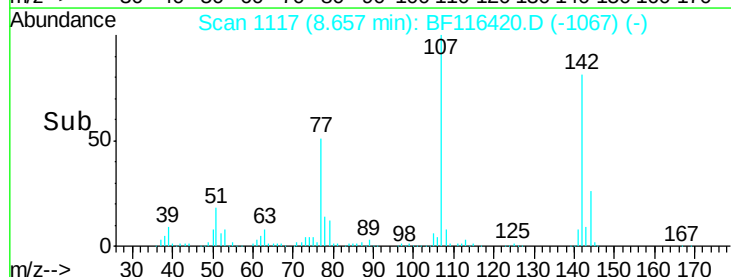
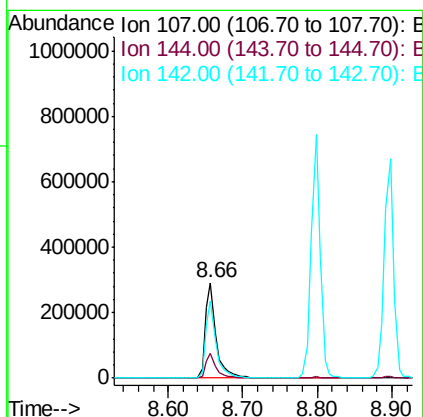
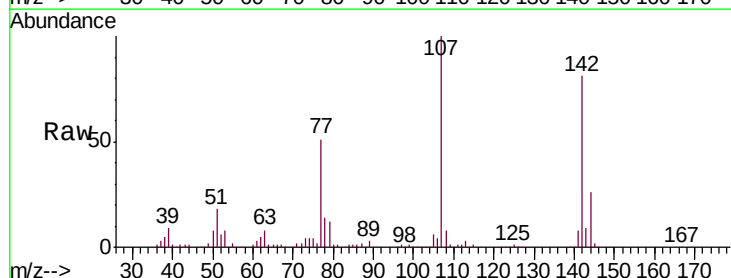
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

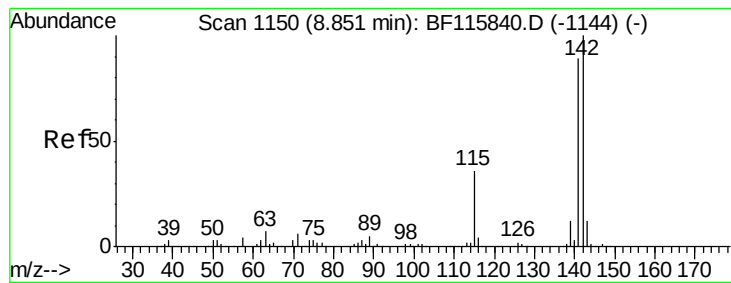
Tgt Ion:113 Resp: 61397
 Ion Ratio Lower Upper
 113 100
 55 164.3 144.3 184.3
 56 119.4 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.217 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion:107 Resp: 295315
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.2 30.2
 142 81.0 61.7 92.5





#37

2-Methylnaphthalene

Concen: 42.264 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

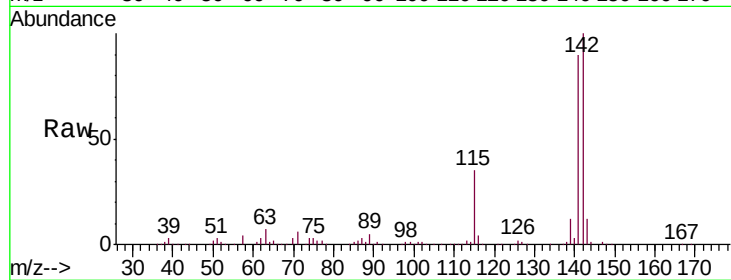
Tgt Ion:142 Resp: 614224

Ion Ratio Lower Upper

142 100

141 89.5 70.9 106.3

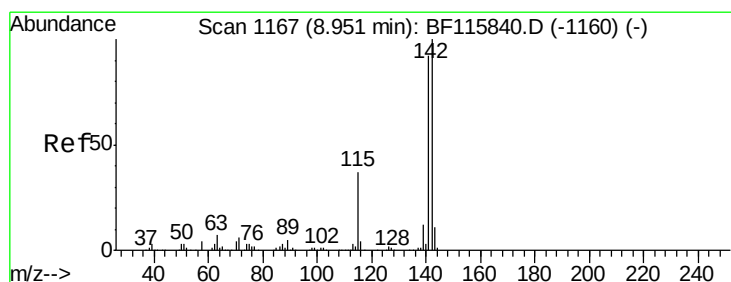
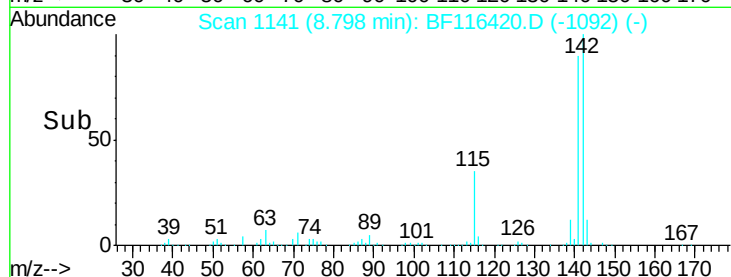
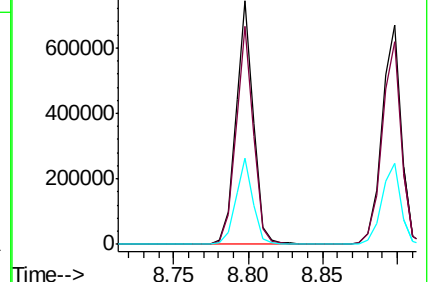
115 35.2 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.638 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

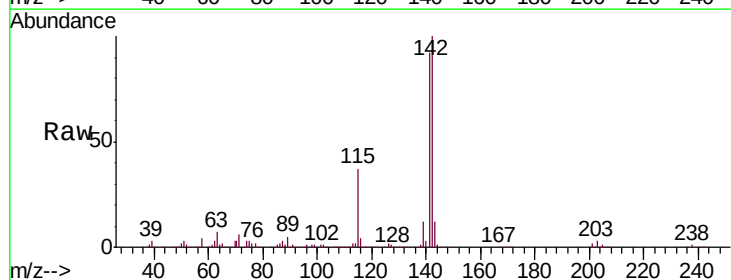
Tgt Ion:142 Resp: 586227

Ion Ratio Lower Upper

142 100

141 92.2 74.4 111.6

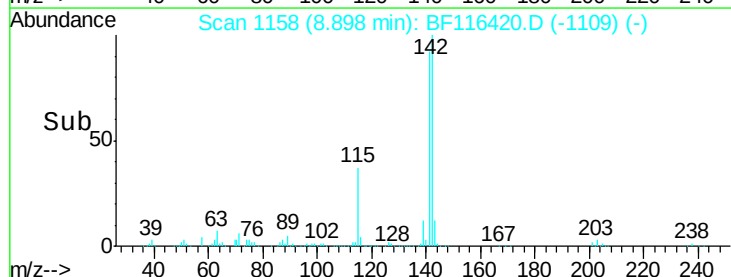
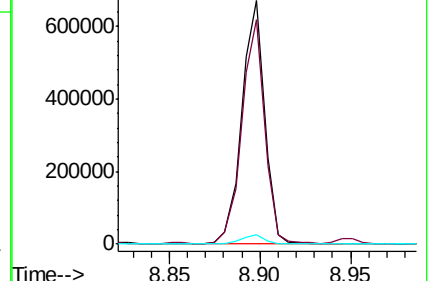
116 3.7 3.1 4.7

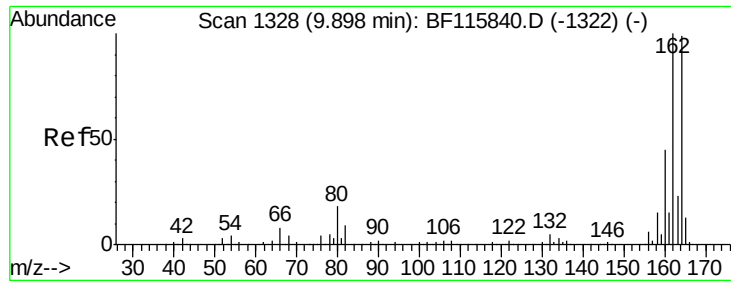


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

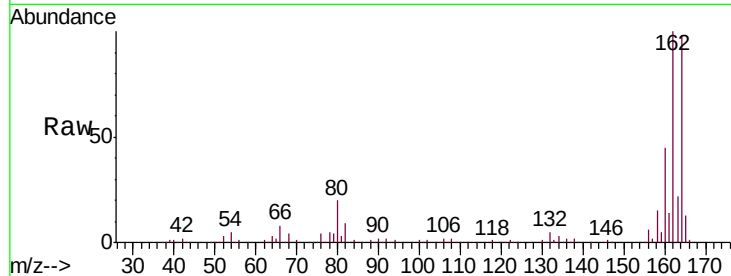
Tgt Ion:164 Resp: 249616

Ion Ratio Lower Upper

164 100

162 101.8 82.6 124.0

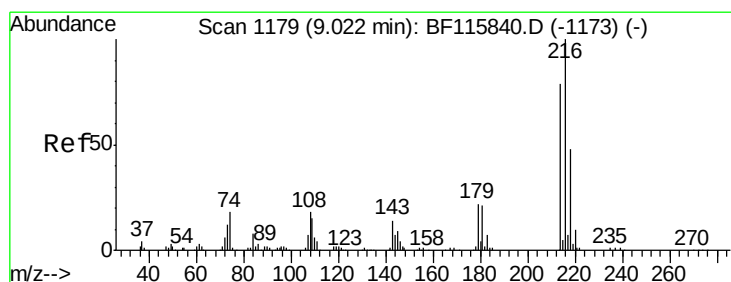
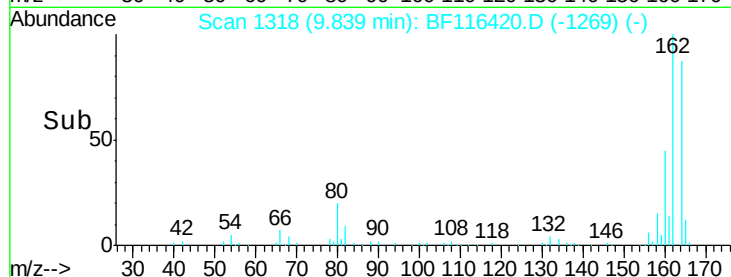
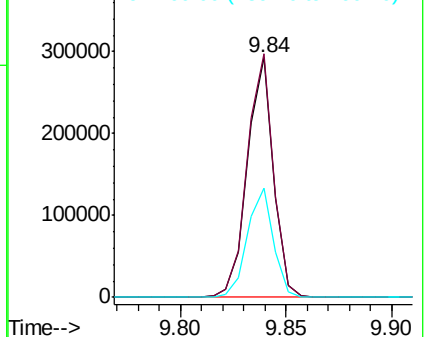
160 45.9 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.991 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion:216 Resp: 286889

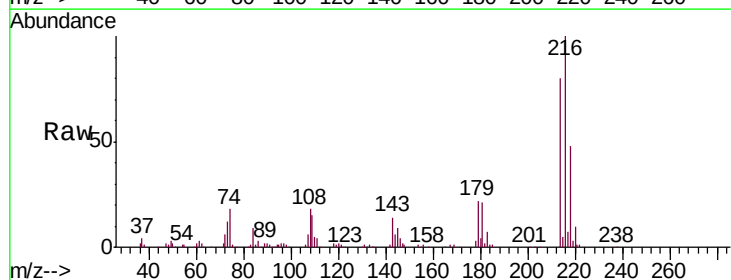
Ion Ratio Lower Upper

216 100

214 79.7 63.6 95.4

179 22.1 17.8 26.8

108 20.1 16.5 24.7

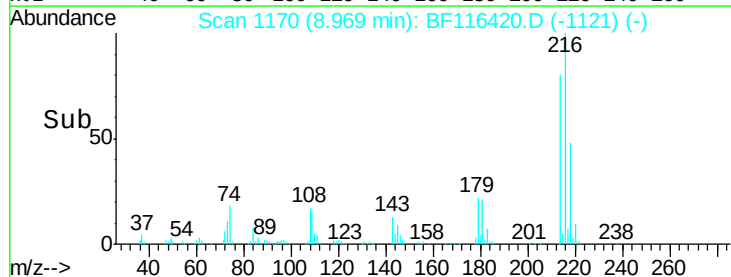
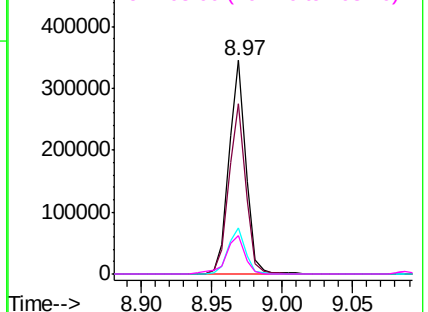


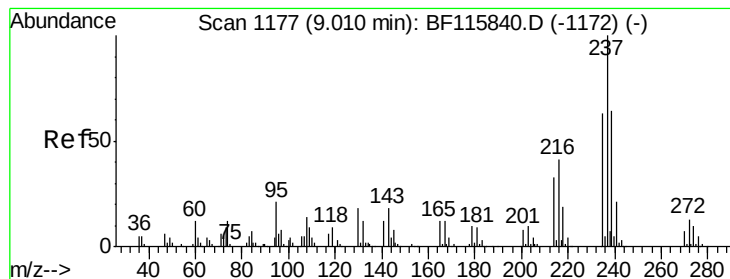
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.305 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

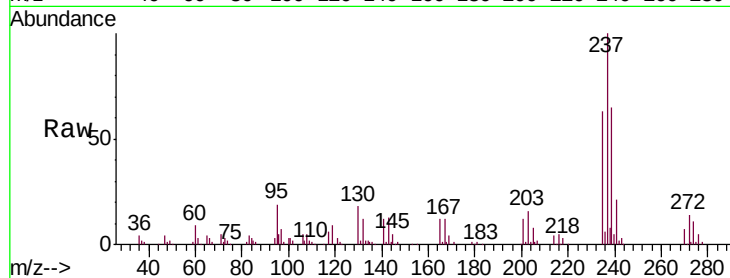
Tgt Ion: 237 Resp: 95063

Ion Ratio Lower Upper

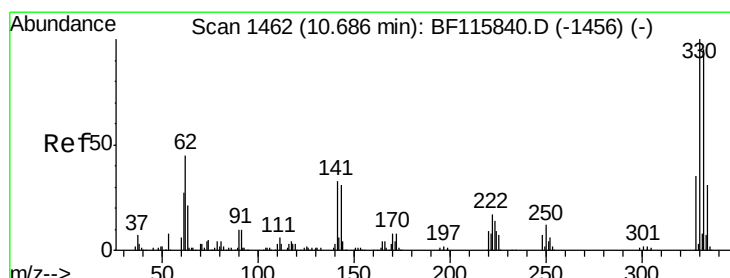
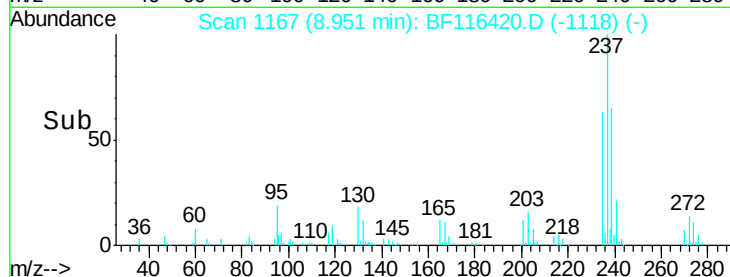
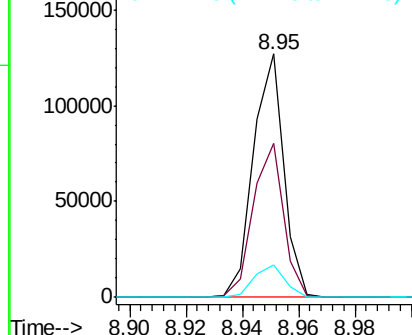
237 100

235 63.4 43.4 83.4

272 13.5 0.0 33.2



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



#42

2,4,6-Tribromophenol

Concen: 81.260 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

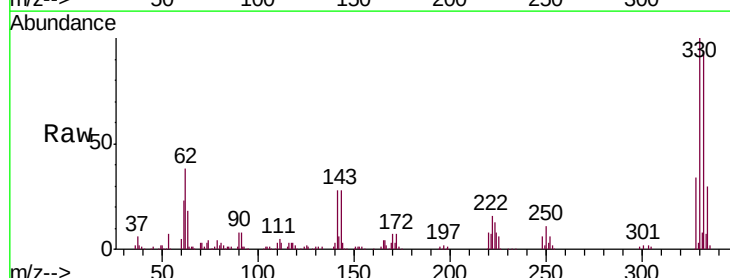
Tgt Ion: 330 Resp: 196658

Ion Ratio Lower Upper

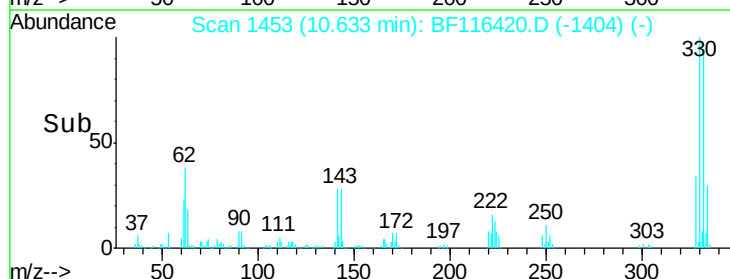
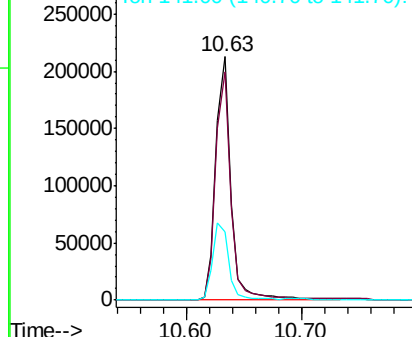
330 100

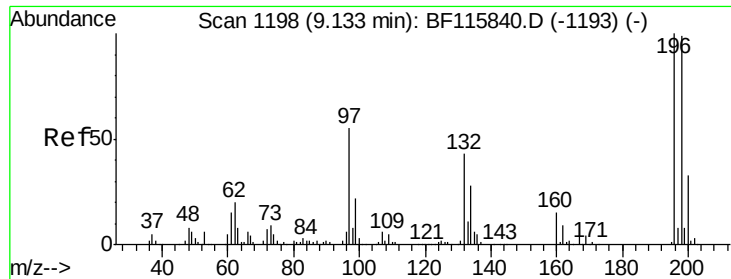
332 95.2 76.8 115.2

141 33.7 26.3 39.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

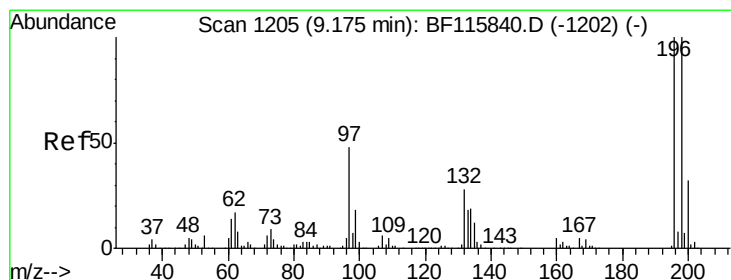
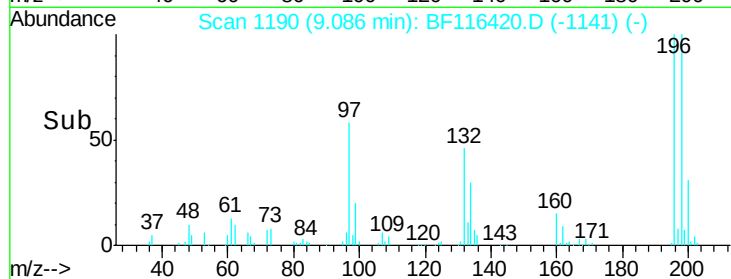
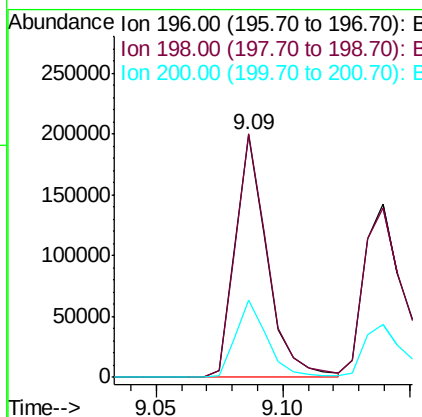
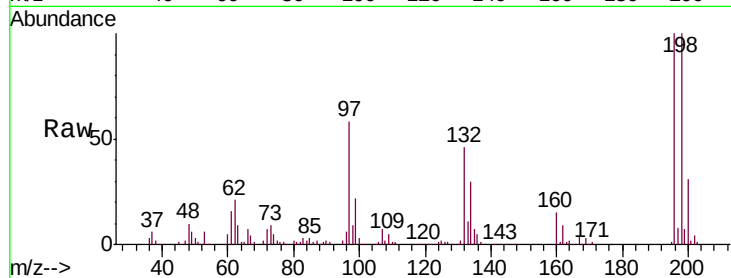




#43
 2,4,6-Trichlorophenol
 Concen: 37.884 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

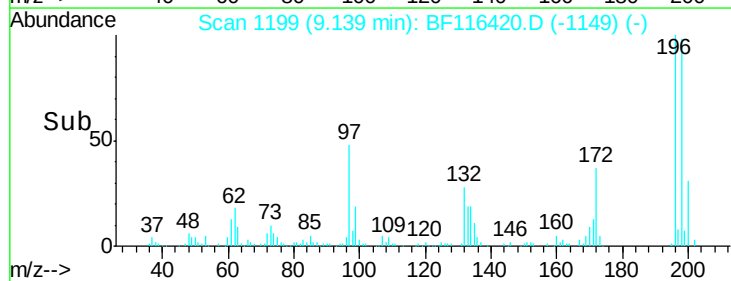
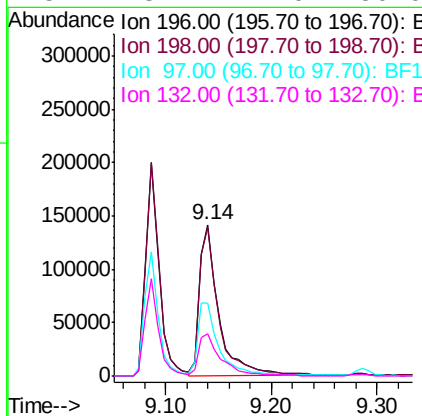
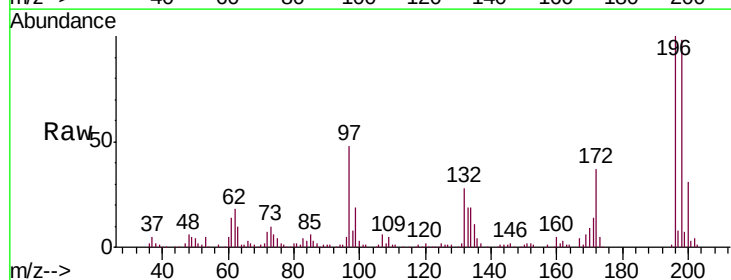
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

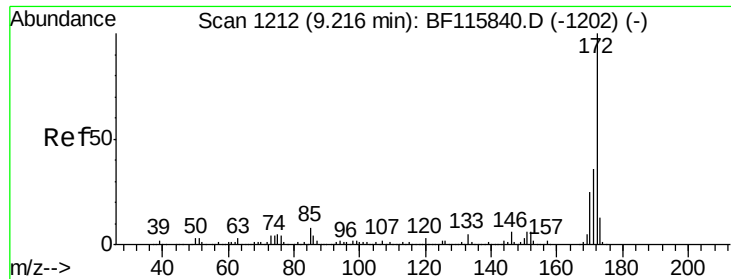
Tgt Ion:196 Resp: 174010
 Ion Ratio Lower Upper
 196 100
 198 100.4 79.2 118.8
 200 31.6 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 37.264 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion:196 Resp: 176932
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.8 118.2
 97 48.2 42.2 63.4
 132 28.2 24.0 36.0

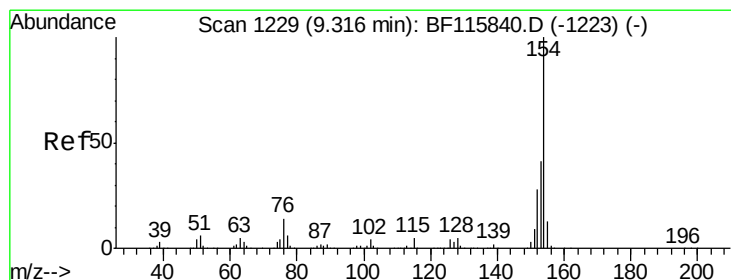
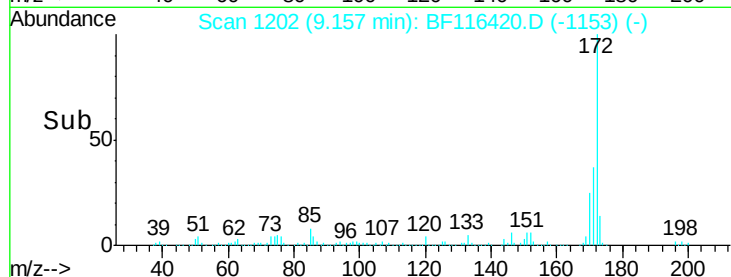
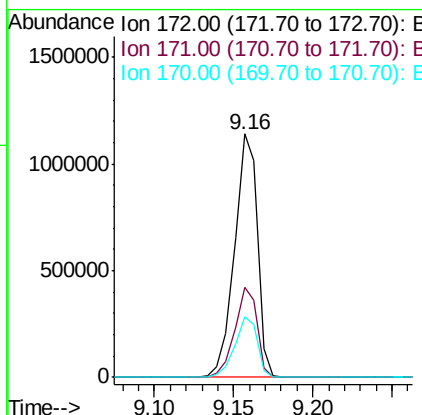
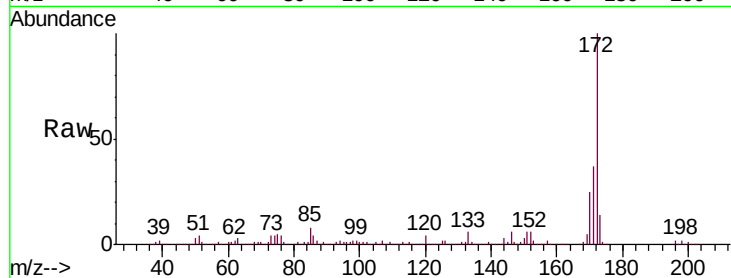




#45
 2-Fluorobiphenyl
 Concen: 85.572 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

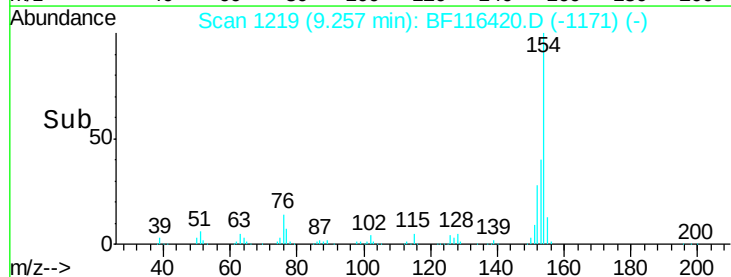
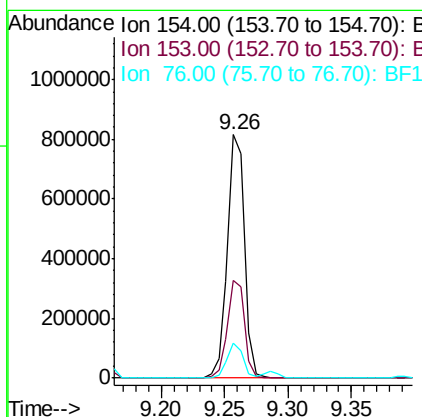
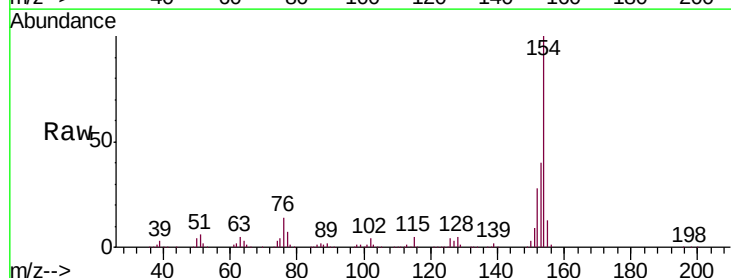
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

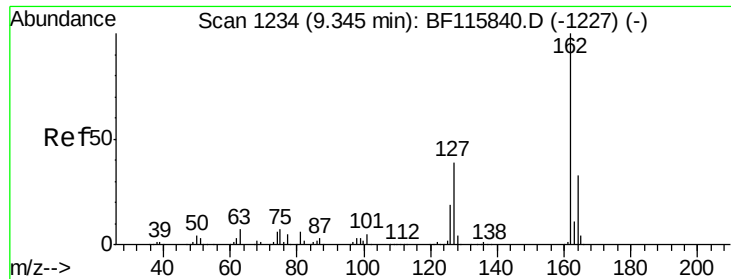
Tgt Ion:172 Resp: 1140375
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 25.0 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 42.972 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion:154 Resp: 757288
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.4 61.4
 76 14.3 0.0 35.2

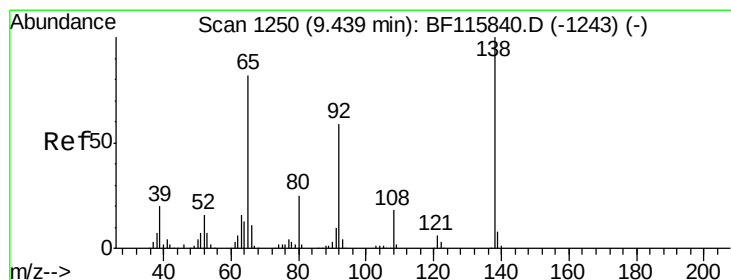
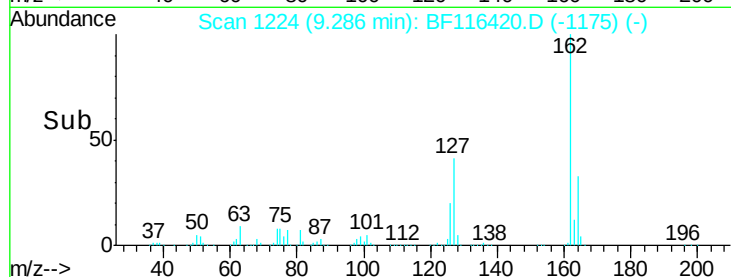
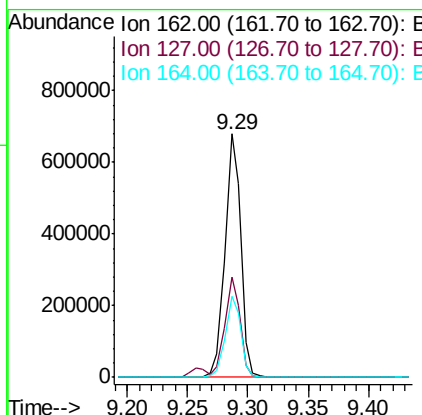
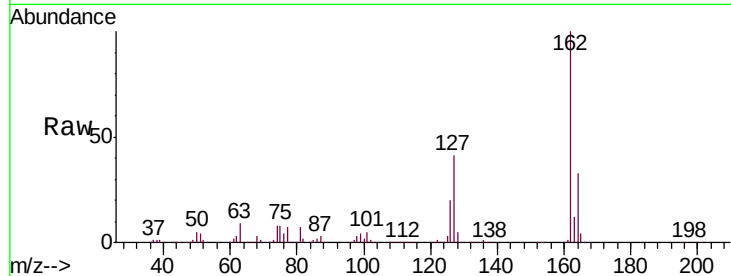




#47
 2-Chloronaphthalene
 Concen: 41.807 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

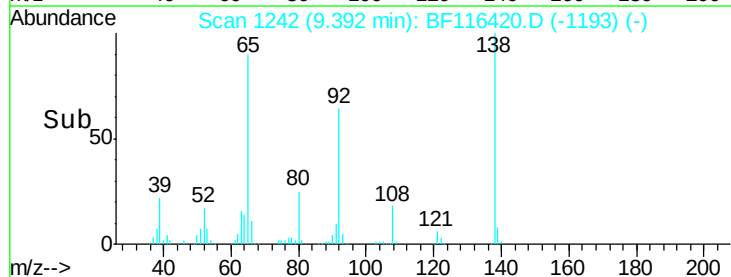
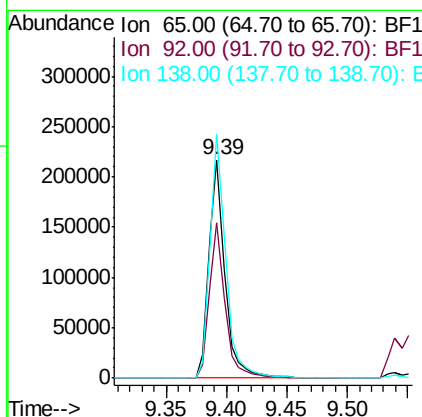
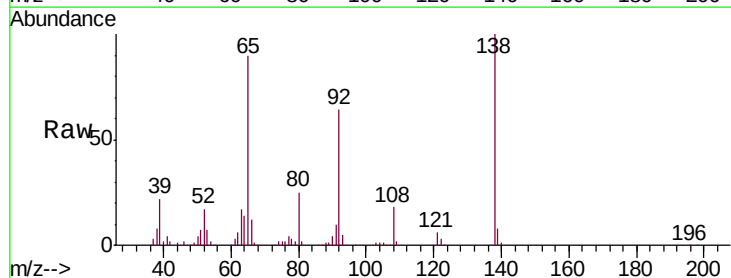
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

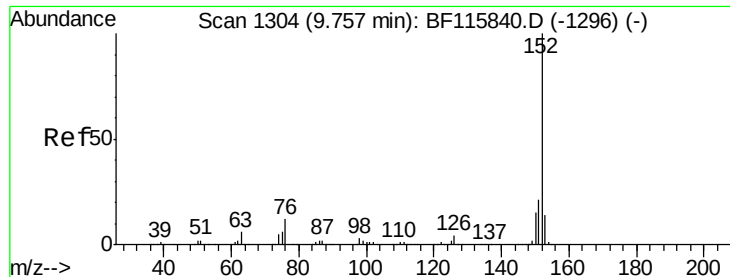
Tgt Ion:	162	Resp:	613205
Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.8	49.2
164	33.4	26.6	39.8



#48
 2-Nitroaniline
 Concen: 41.259 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion:	65	Resp:	200027
Ion	Ratio	Lower	Upper
65	100		
92	70.8	57.8	86.8
138	111.4	94.0	141.0





#49

Acenaphthylene

Concen: 42.250 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

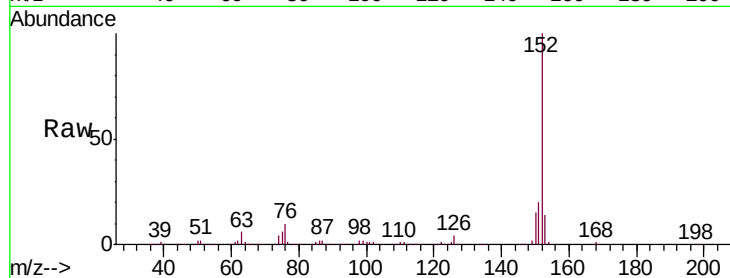
Tgt Ion:152 Resp: 904086

Ion Ratio Lower Upper

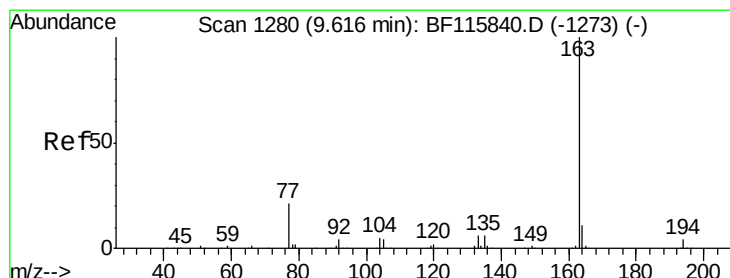
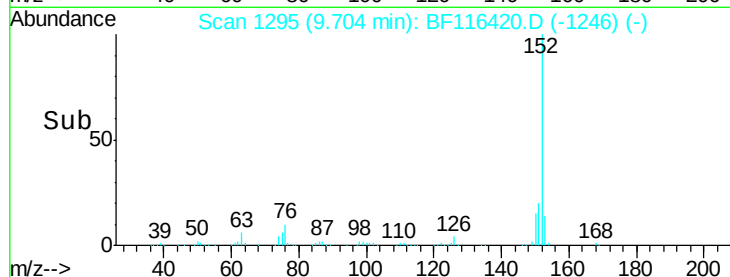
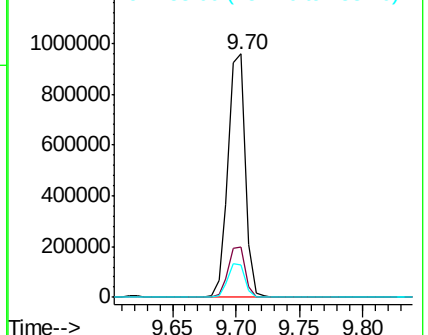
152 100

151 20.5 17.2 25.8

153 13.6 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.726 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

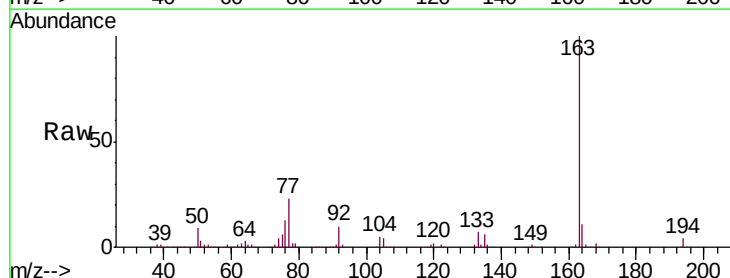
Tgt Ion:163 Resp: 709170

Ion Ratio Lower Upper

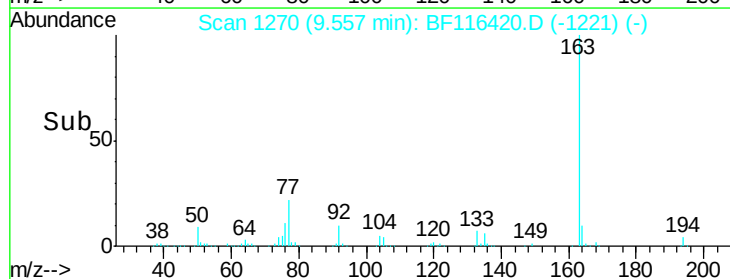
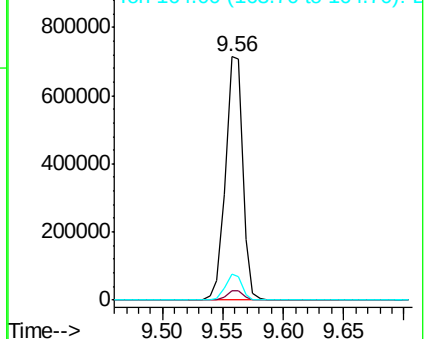
163 100

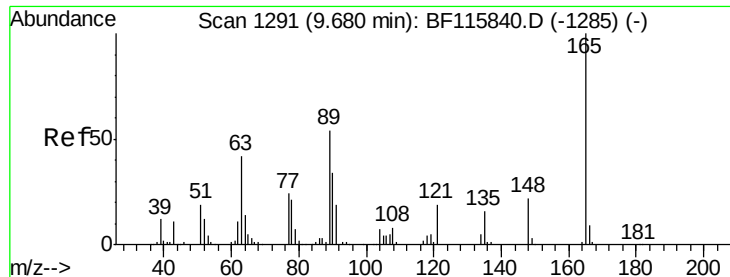
194 3.8 3.0 4.6

164 10.7 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

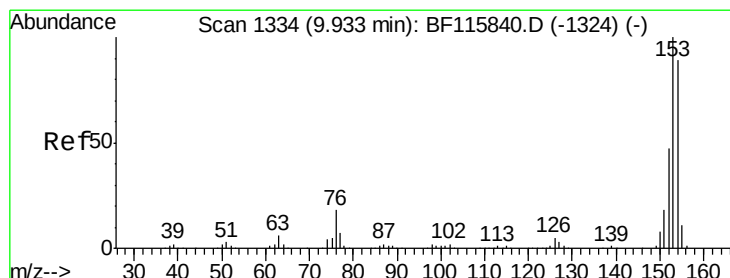
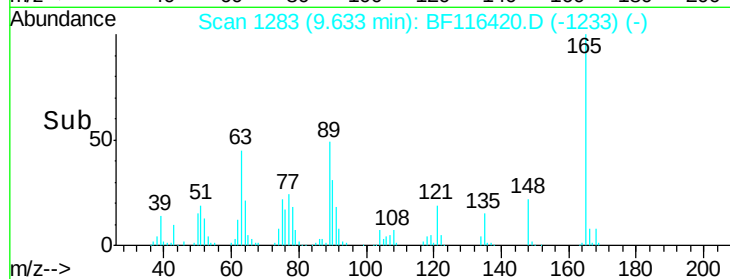
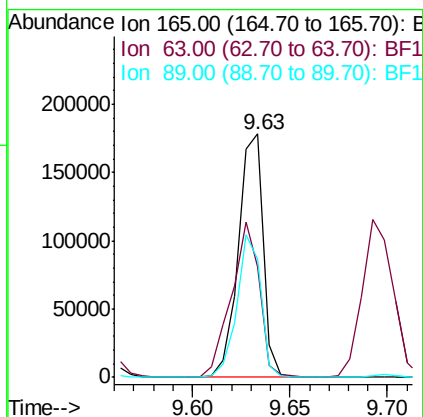
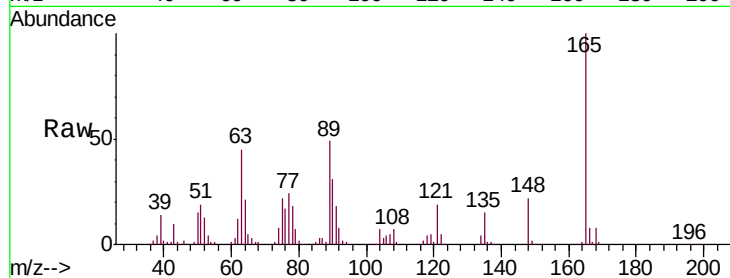




#51
 2,6-Dinitrotoluene
 Concen: 42.570 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

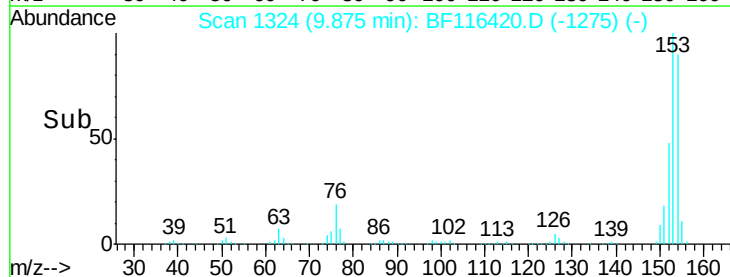
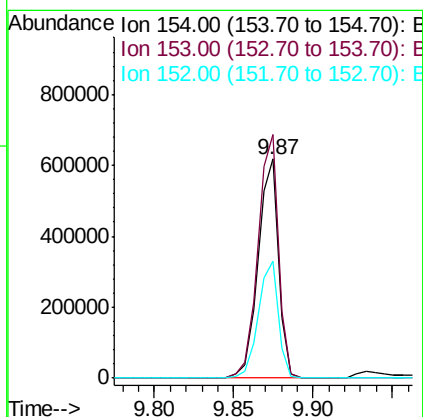
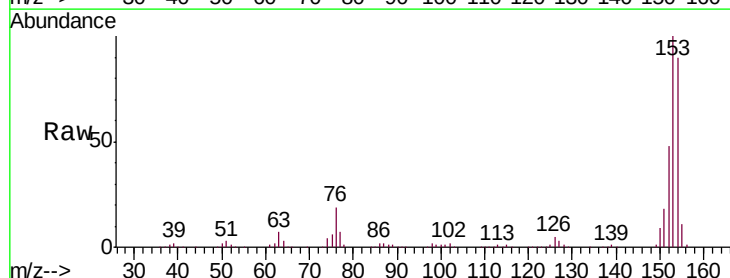
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

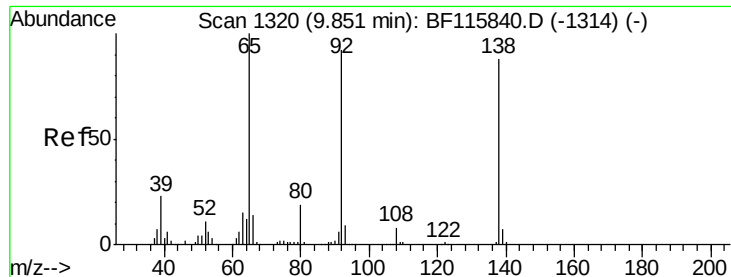
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.2	38.2	57.2
89	48.7	42.9	64.3



#52
 Acenaphthene
 Concen: 42.366 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.4	134.0
152	53.3	42.3	63.5

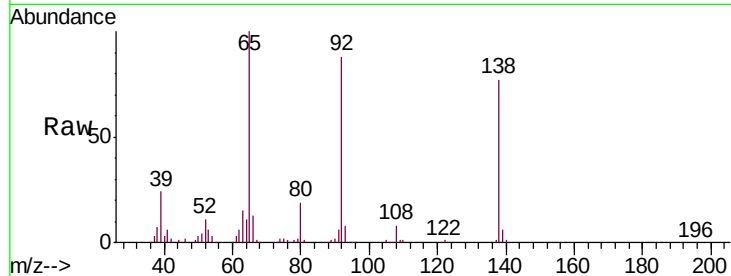




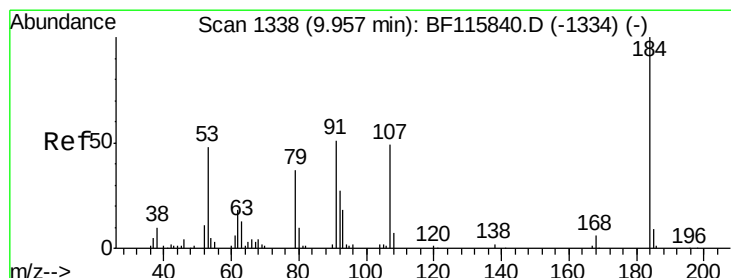
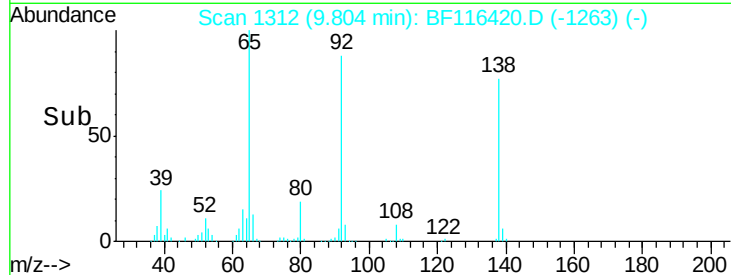
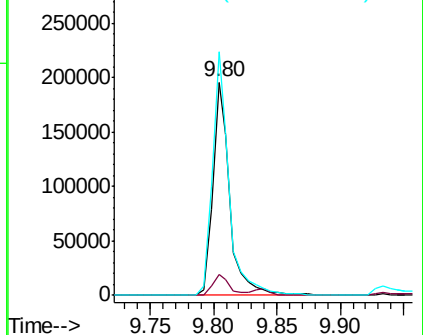
#53
 3-Nitroaniline
 Concen: 40.450 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:138 Resp: 184609
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.0 12.0
 92 114.0 91.0 136.6

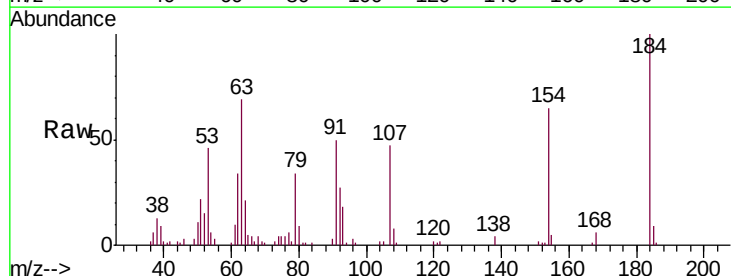


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

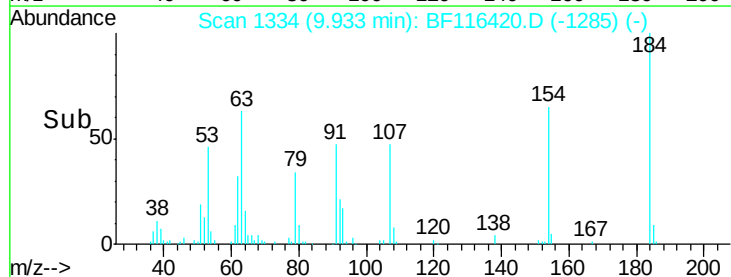
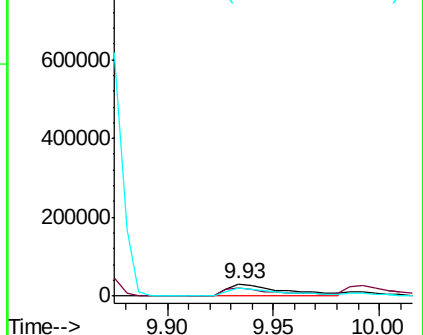


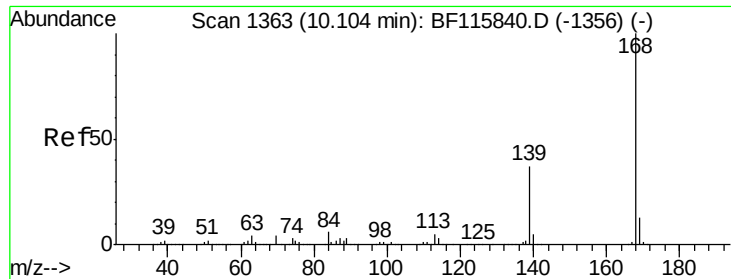
#54
 2,4-Dinitrophenol
 Concen: 35.252 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion:184 Resp: 57127
 Ion Ratio Lower Upper
 184 100
 63 69.3 53.0 79.4
 154 64.7 50.1 75.1



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

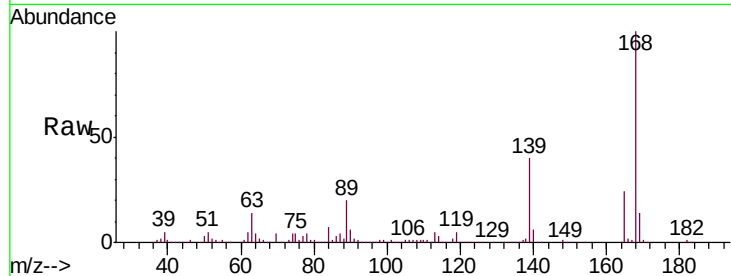




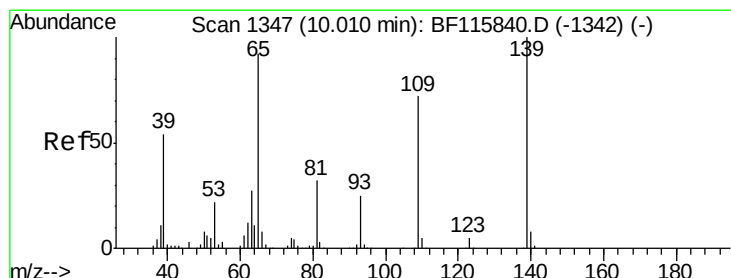
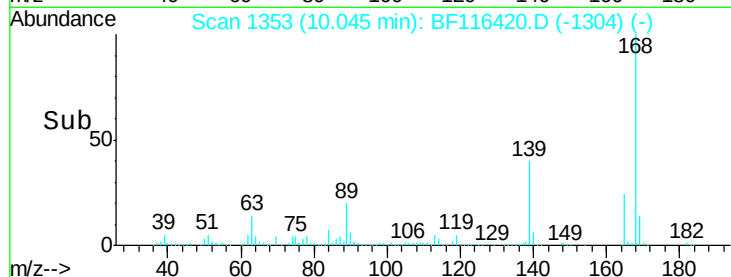
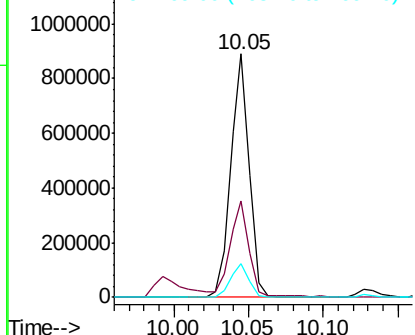
#55
Dibenzofuran
Concen: 40.694 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 776891
Ion Ratio Lower Upper
168 100
139 39.7 31.4 47.2
169 13.7 10.9 16.3

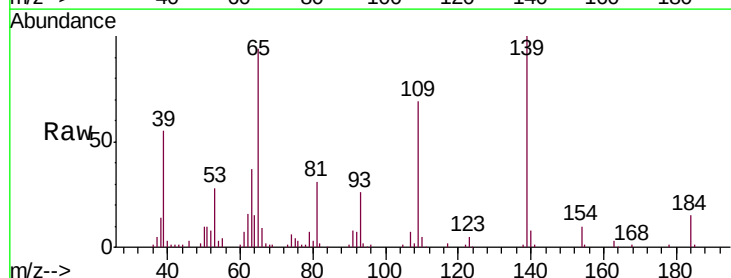


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

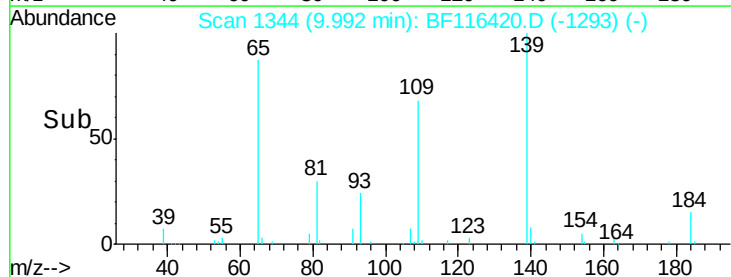
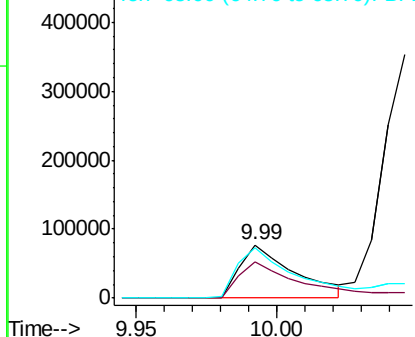


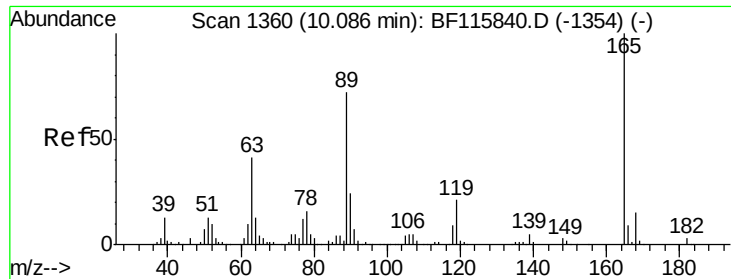
#56
4-Nitrophenol
Concen: 35.415 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion:139 Resp: 103540
Ion Ratio Lower Upper
139 100
109 69.4 54.4 94.4
65 93.8 80.6 120.6



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

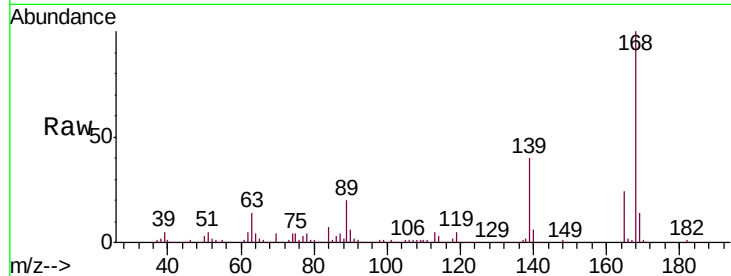




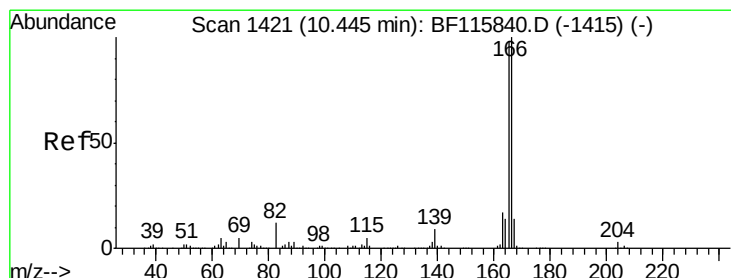
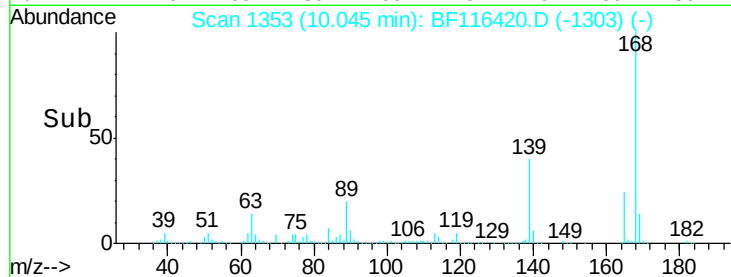
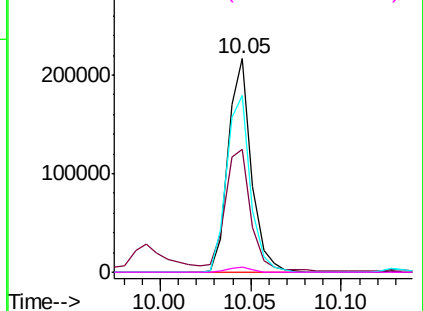
#57
2,4-Dinitrotoluene
Concen: 39.157 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.8	39.6	59.4
89	82.5	62.2	93.2
182	2.5	2.1	3.1

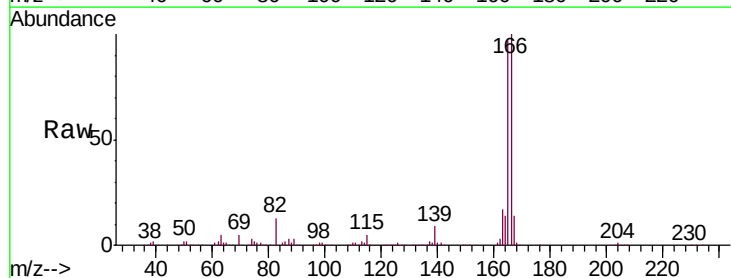


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

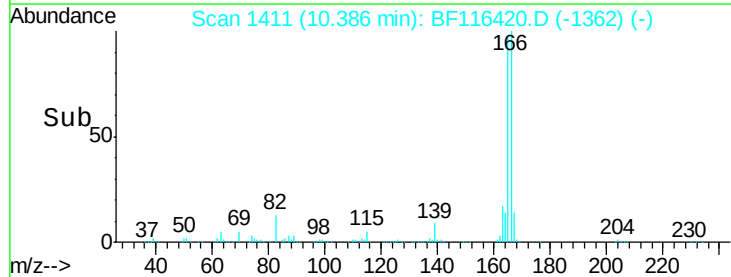
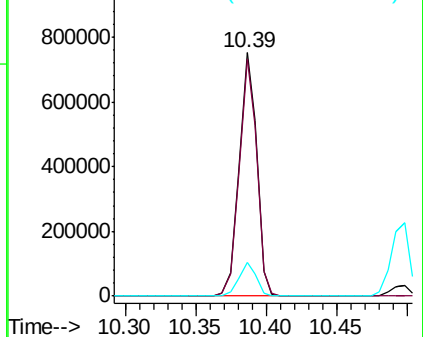


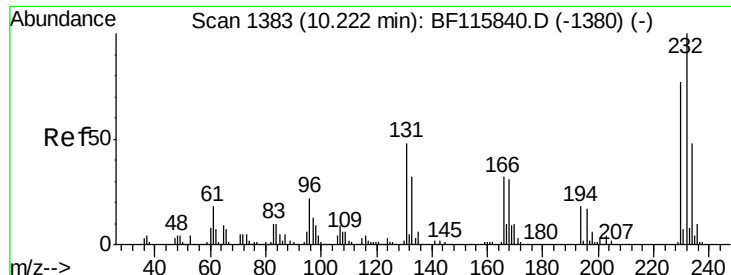
#58
Fluorene
Concen: 44.198 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	13.6	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

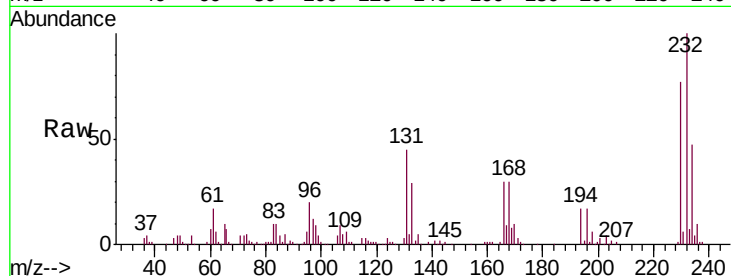




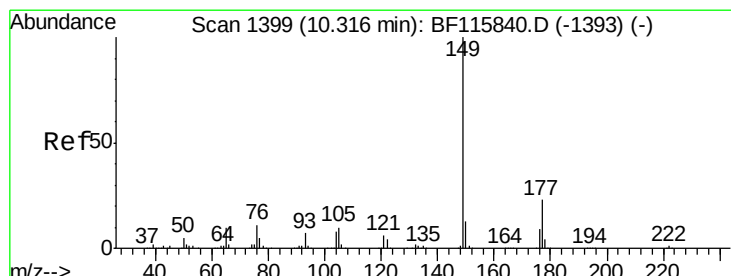
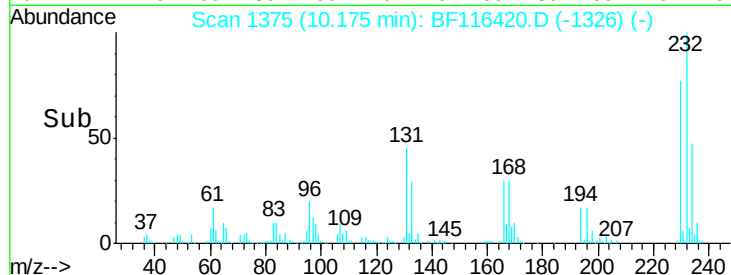
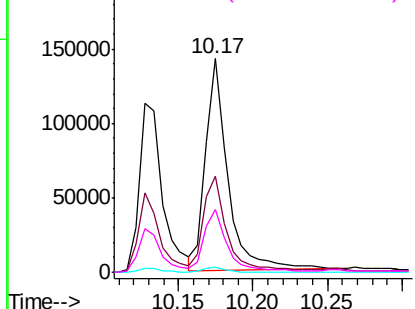
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.477 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:	232	Resp:	145712
Ion	Ratio	Lower	Upper
232	100		
131	47.6	36.2	54.2
130	2.3	1.9	2.9
166	29.4	23.0	34.4

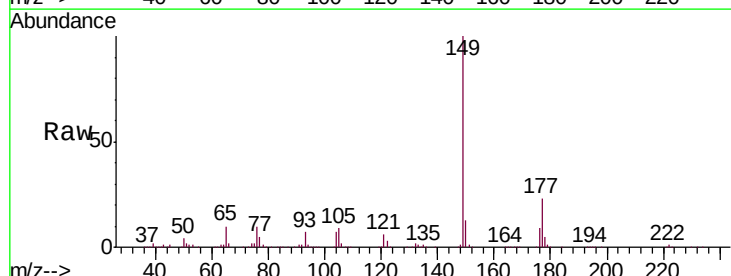


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

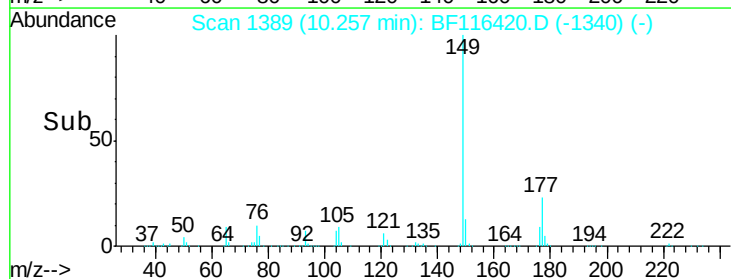
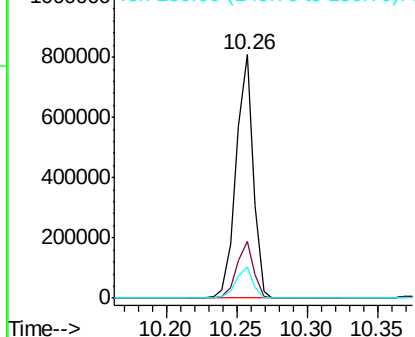


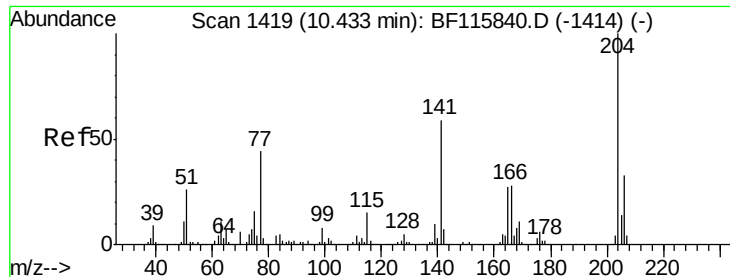
#60
 Diethylphthalate
 Concen: 42.977 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion:	149	Resp:	681965
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.8	28.2
150	12.6	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

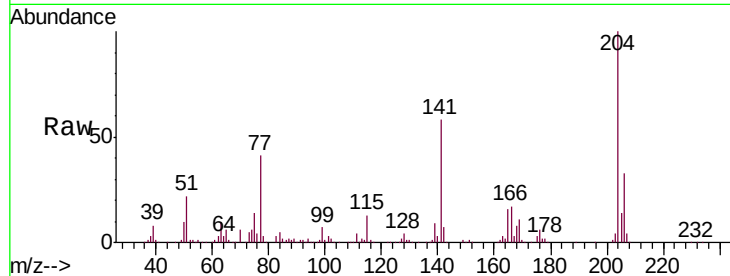




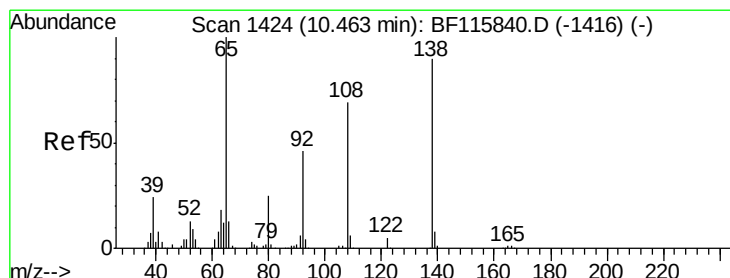
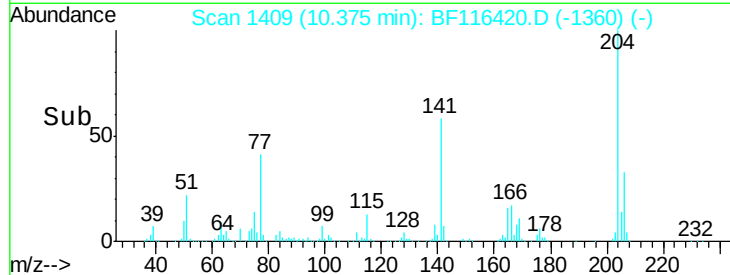
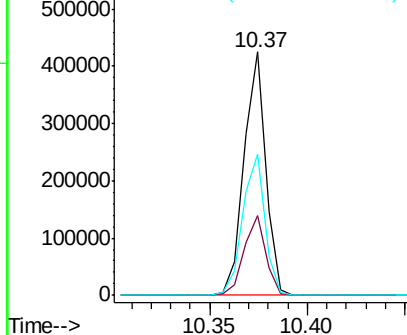
#61
4-Chlorophenyl-phenylether
Concen: 44.316 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 329657
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 58.0 46.4 69.6

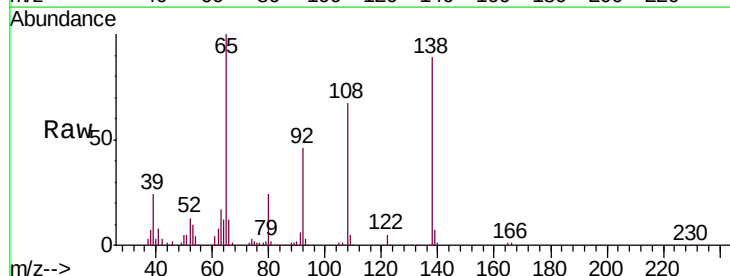


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

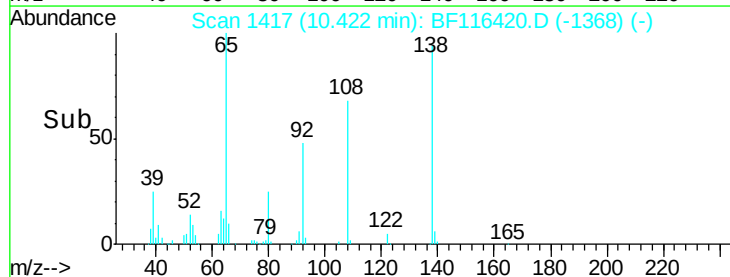
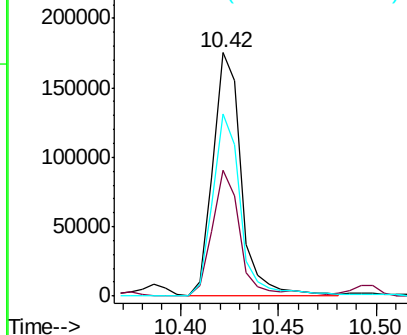


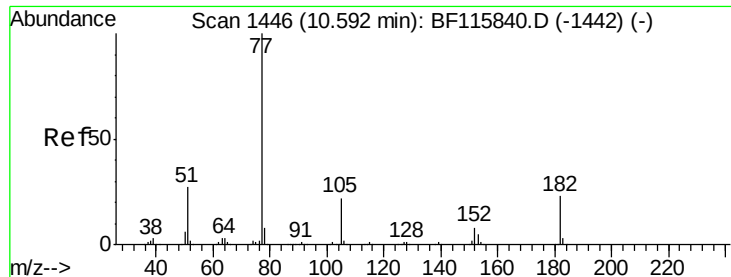
#62
4-Nitroaniline
Concen: 37.818 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion:138 Resp: 178367
Ion Ratio Lower Upper
138 100
92 51.5 29.0 69.0
108 74.9 54.7 94.7



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

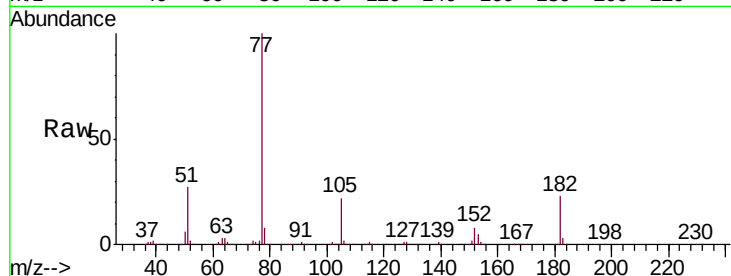




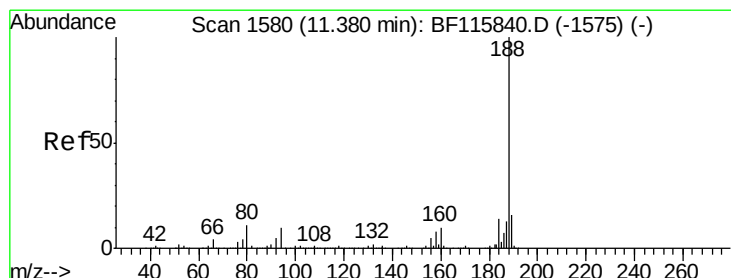
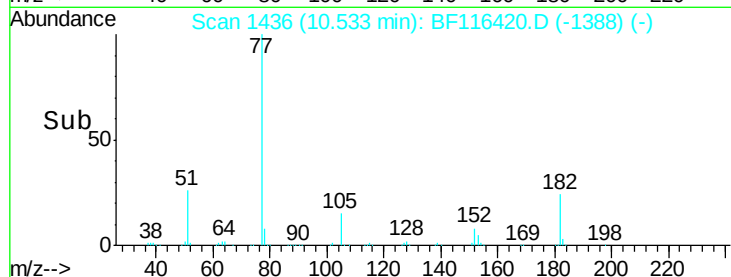
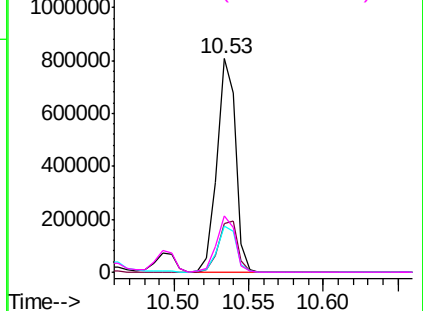
#63
Azobenzene
Concen: 43.281 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	77	Resp:	706395
Ion	Ratio	Lower	Upper
77	100		
182	22.9	4.0	44.0
105	21.9	2.0	42.0
51	26.6	7.5	47.5

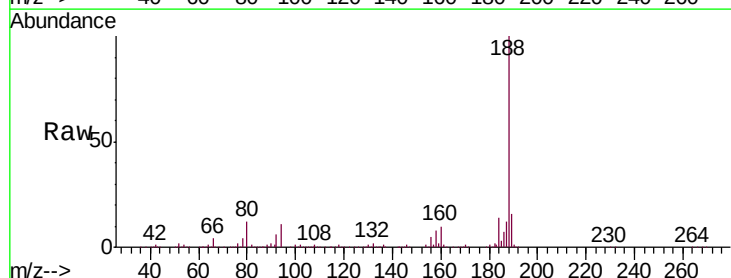


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

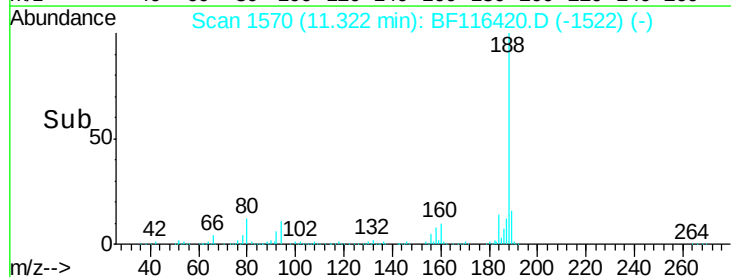
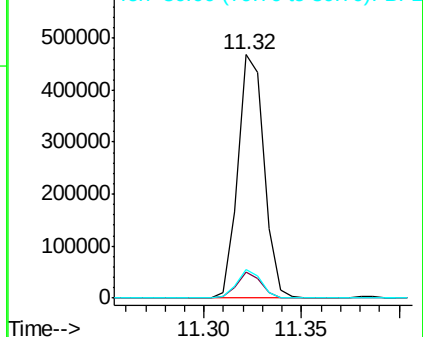


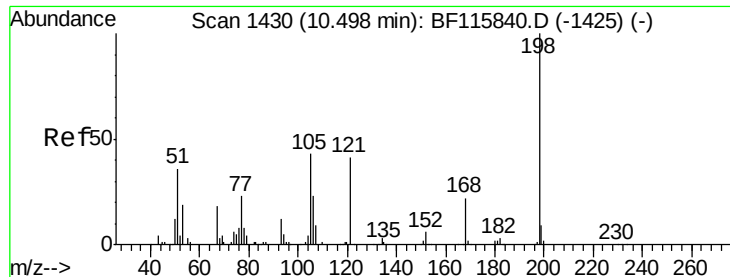
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion:	188	Resp:	436102
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.1	12.1
80	11.8	8.7	13.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.775 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

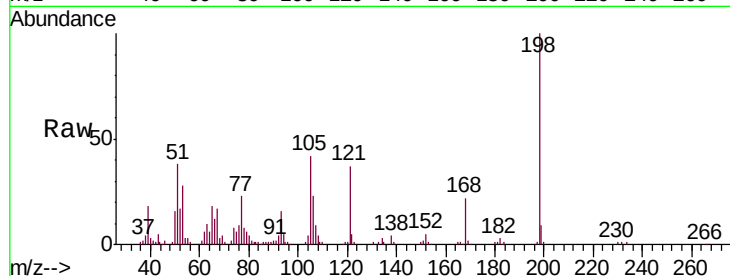
Tgt Ion:198 Resp: 96543

Ion Ratio Lower Upper

198 100

51 37.7 17.0 57.0

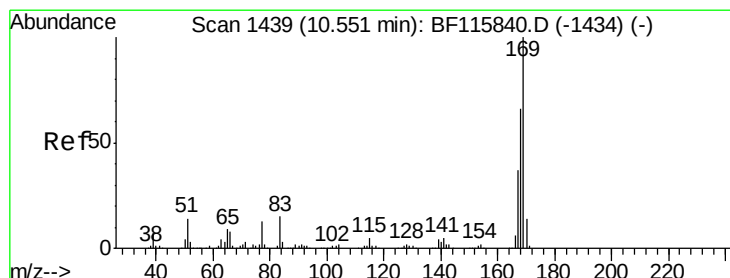
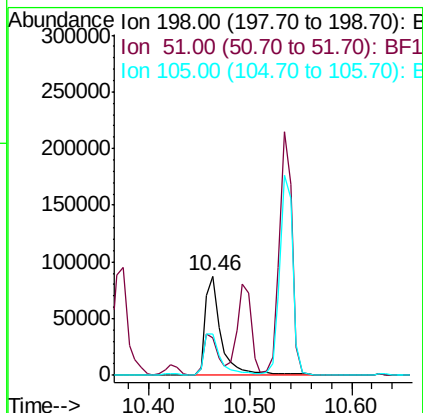
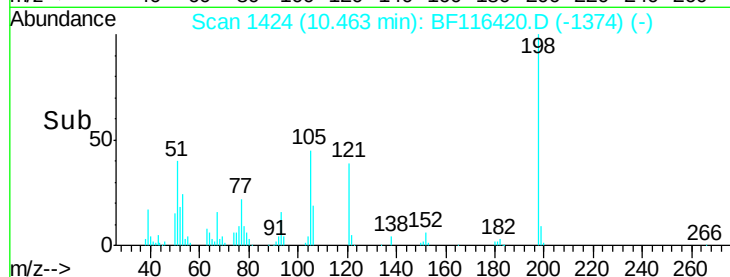
105 41.9 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.888 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

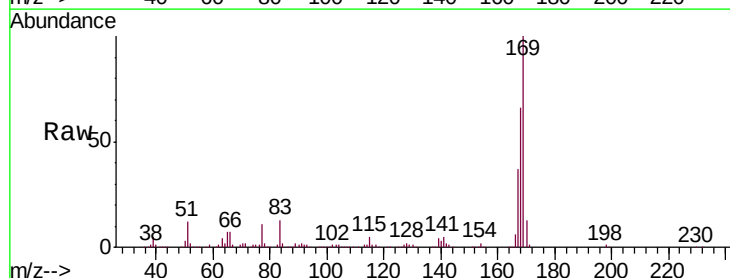
Tgt Ion:169 Resp: 562957

Ion Ratio Lower Upper

169 100

168 65.9 53.8 80.6

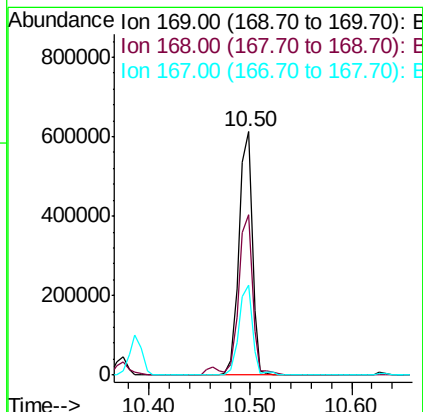
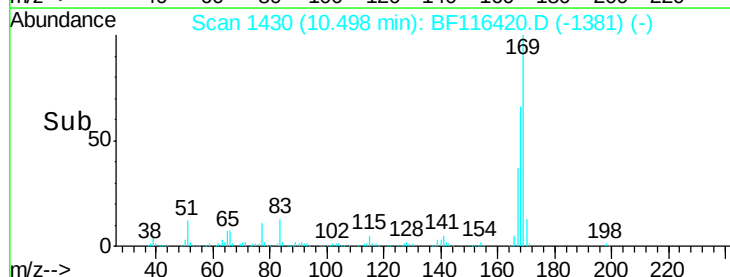
167 36.8 29.6 44.4

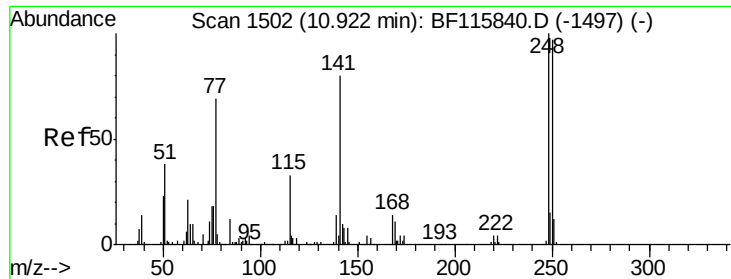


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

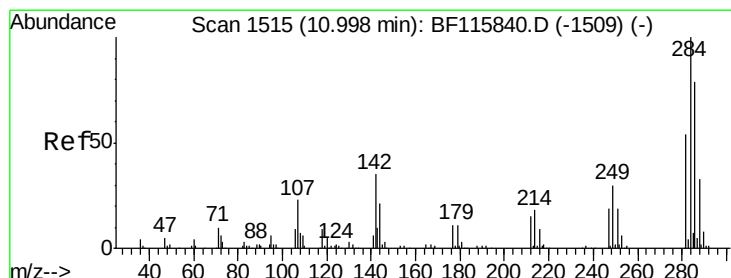
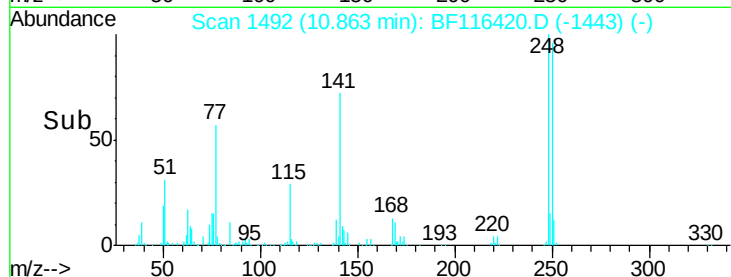
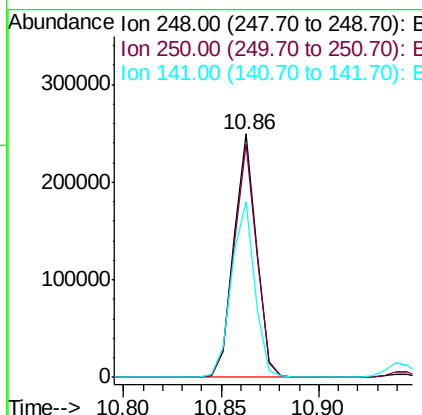
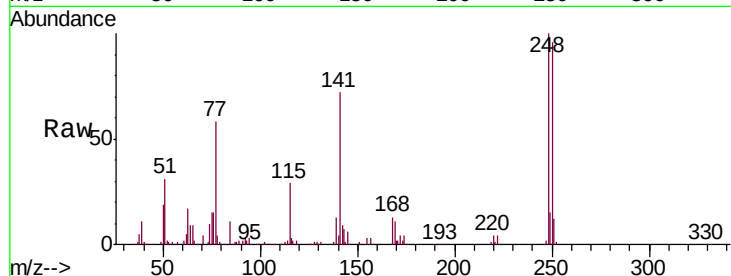




#67
4-Bromophenyl-phenylether
Concen: 42.926 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

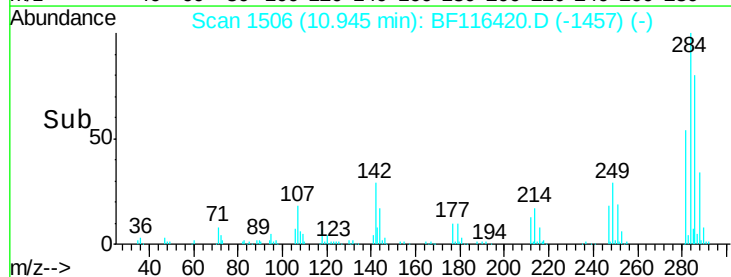
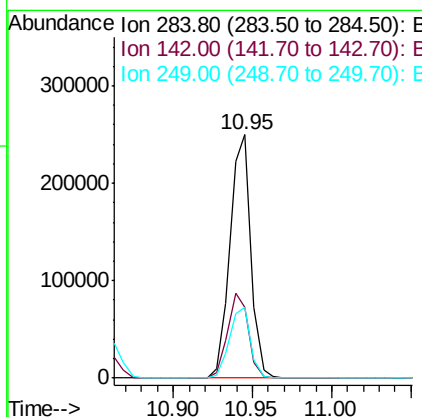
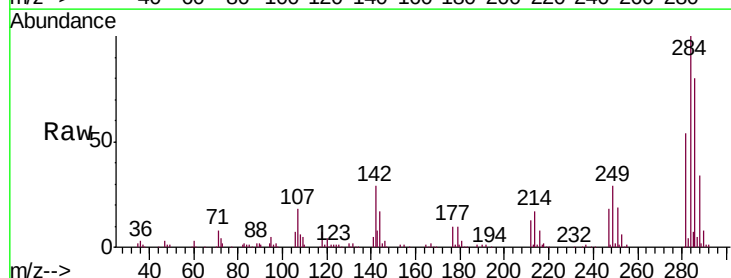
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

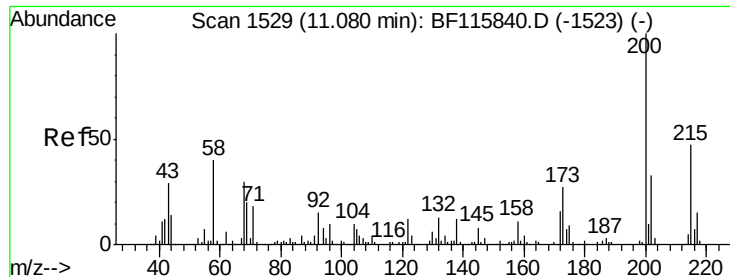
Tgt Ion: 248 Resp: 200399
Ion Ratio Lower Upper
248 100
250 96.0 77.4 116.2
141 72.2 56.8 85.2



#68
Hexachlorobenzene
Concen: 42.135 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion: 284 Resp: 227461
Ion Ratio Lower Upper
284 100
142 29.3 28.4 42.6
249 29.3 24.5 36.7





#69

Atrazine

Concen: 36.261 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

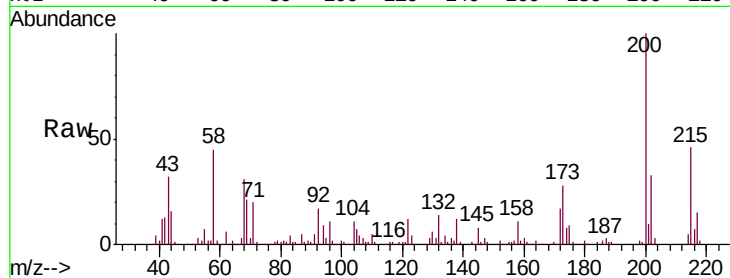
Tgt Ion:200 Resp: 156583

Ion Ratio Lower Upper

200 100

173 27.5 6.8 46.8

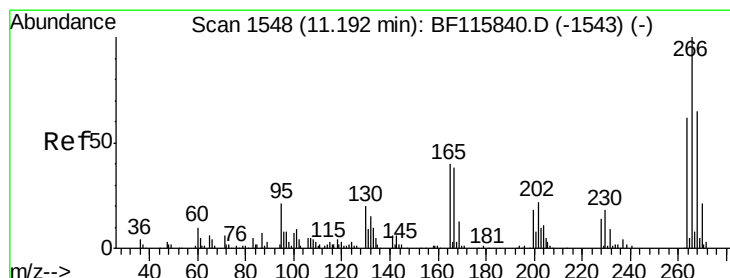
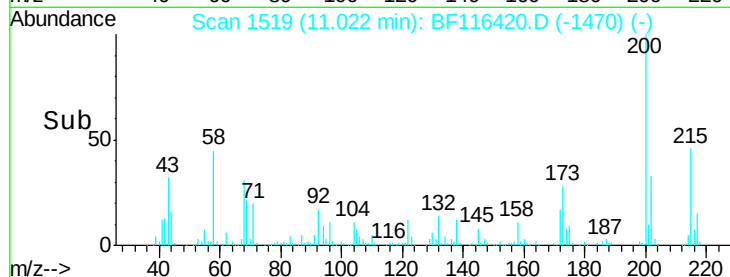
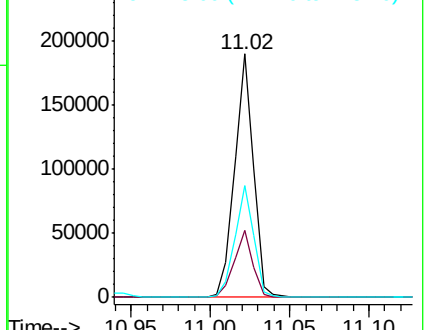
215 45.9 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.924 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

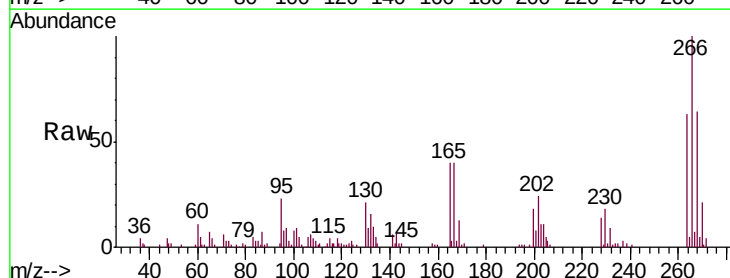
Tgt Ion:266 Resp: 104636

Ion Ratio Lower Upper

266 100

268 64.5 48.8 73.2

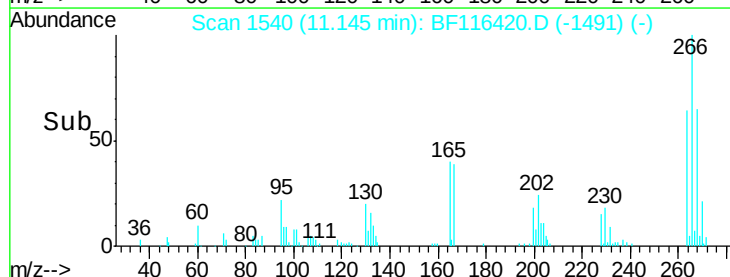
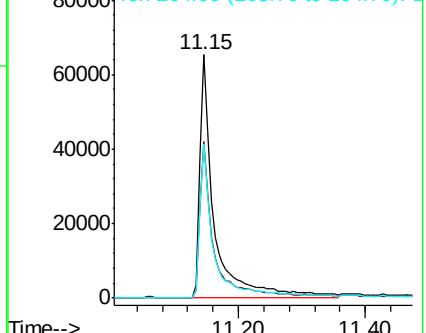
264 63.3 50.6 76.0

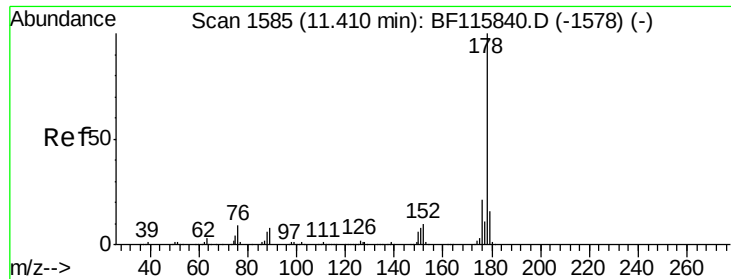


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.249 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

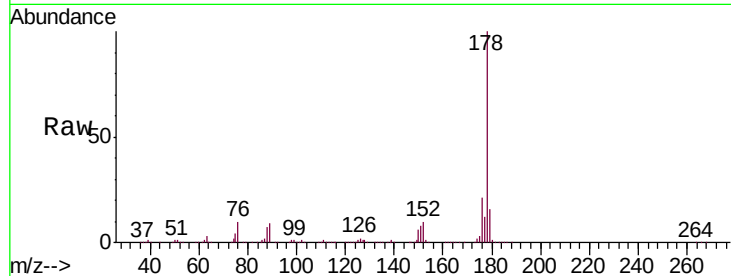
Tgt Ion:178 Resp: 941917

Ion Ratio Lower Upper

178 100

176 20.8 16.6 24.8

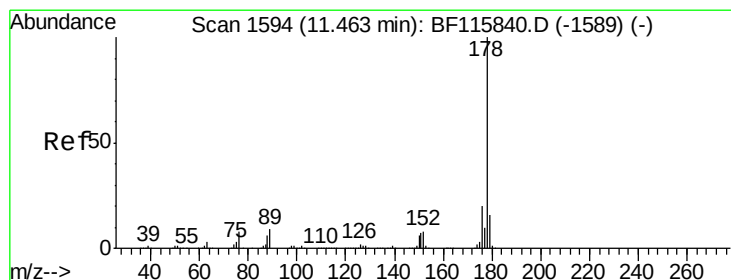
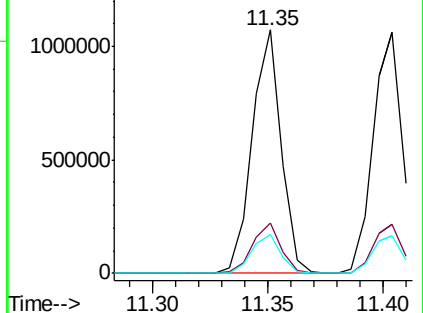
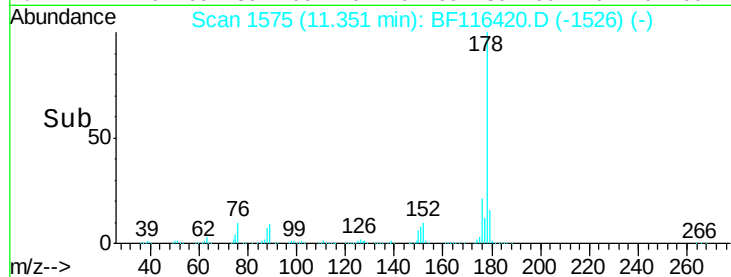
179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.294 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

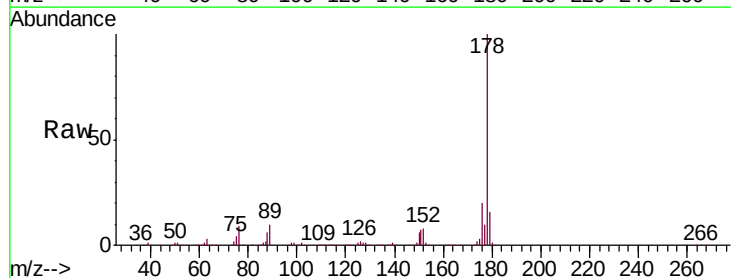
Tgt Ion:178 Resp: 954276

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

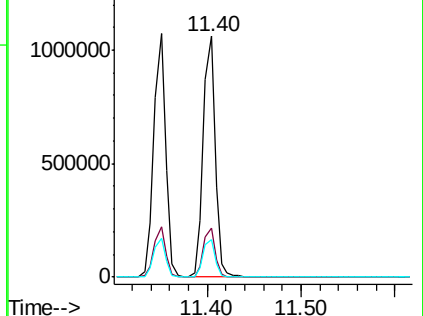
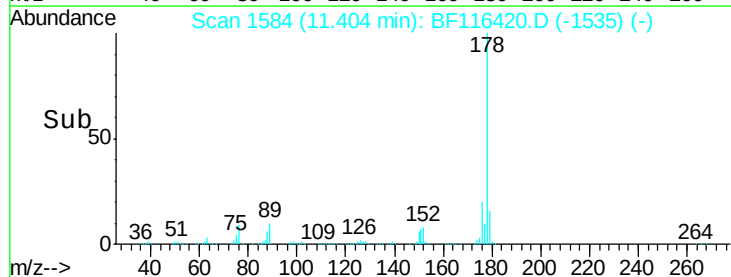
179 15.7 13.0 19.6

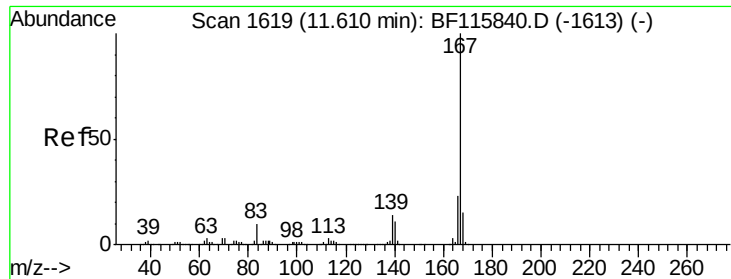


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

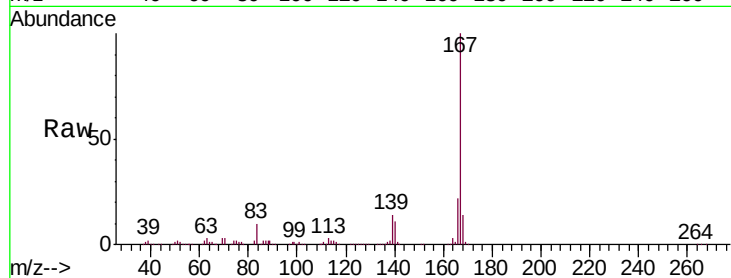




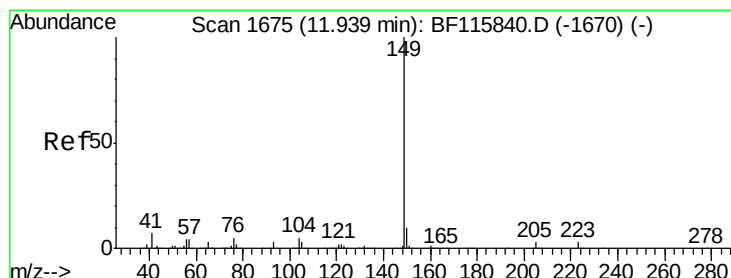
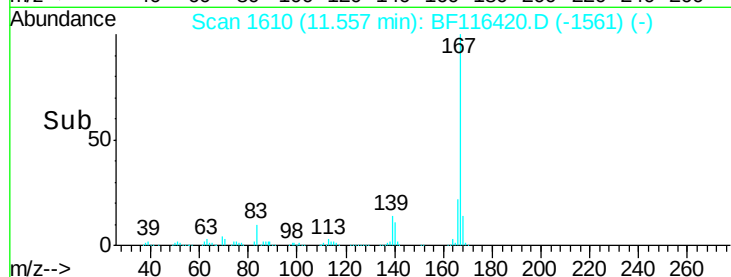
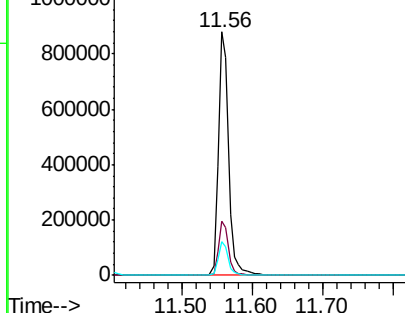
#73
 Carbazole
 Concen: 43.075 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 881764
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.9 11.4 17.0

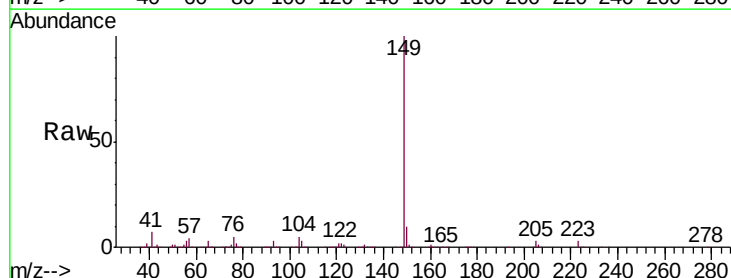


Abundance Ion 167.00 (166.70 to 167.70): E
 1200000
 Ion 166.00 (165.70 to 166.70): E
 1000000
 Ion 139.00 (138.70 to 139.70): E
 800000
 600000
 400000
 200000
 0

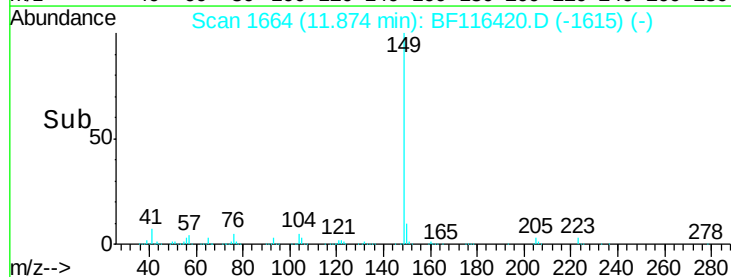
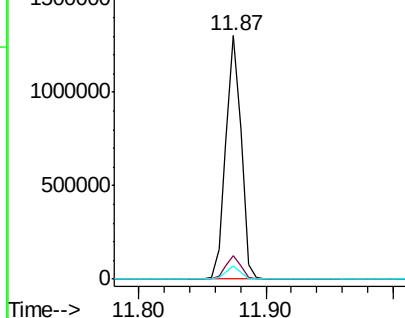


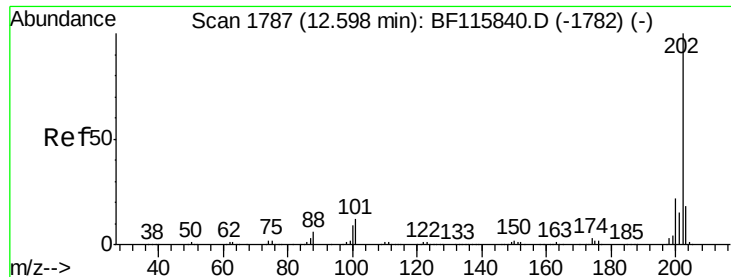
#74
 Di-n-butylphthalate
 Concen: 45.799 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion:149 Resp: 1093643
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.0 12.0
 104 5.3 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000
 Ion 150.00 (149.70 to 150.70): E
 1000000
 Ion 104.00 (103.70 to 104.70): E
 500000
 0

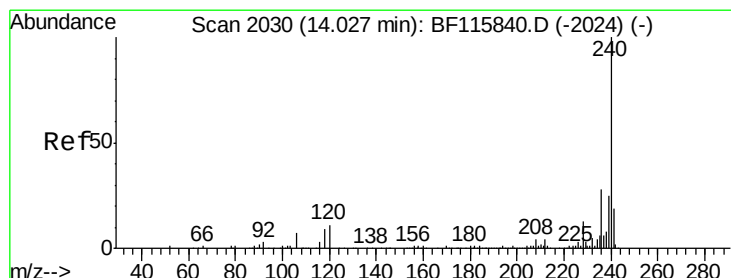
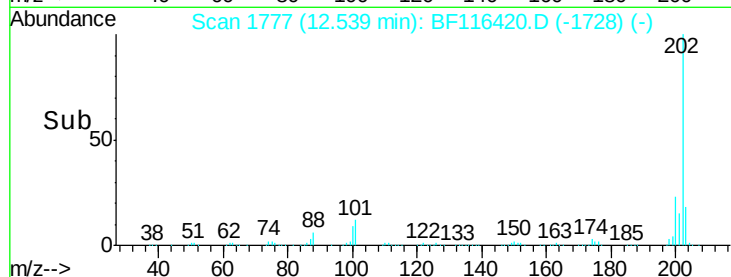
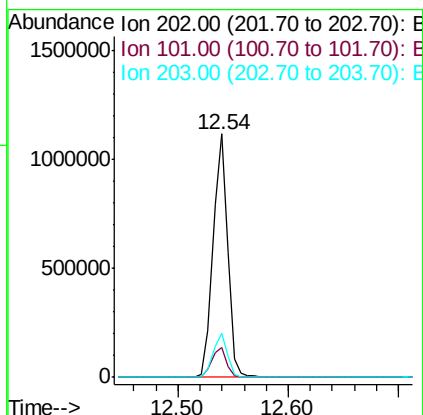
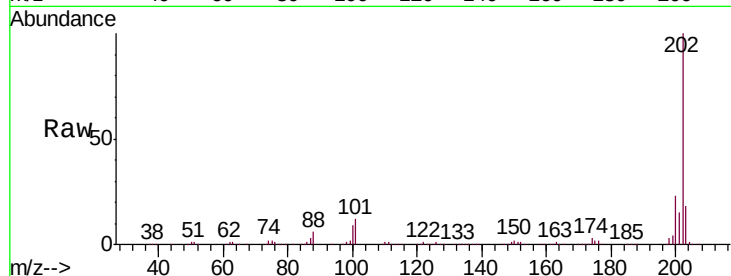




#75
 Fluoranthene
 Concen: 42.891 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

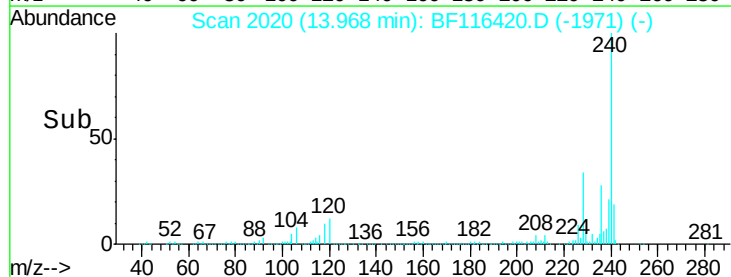
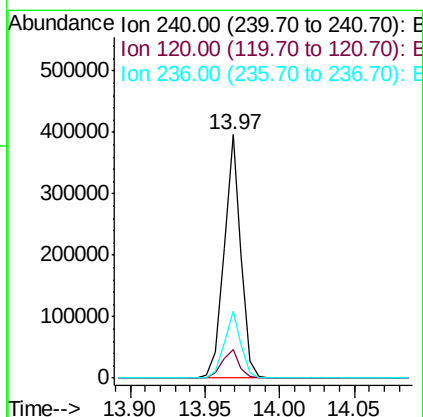
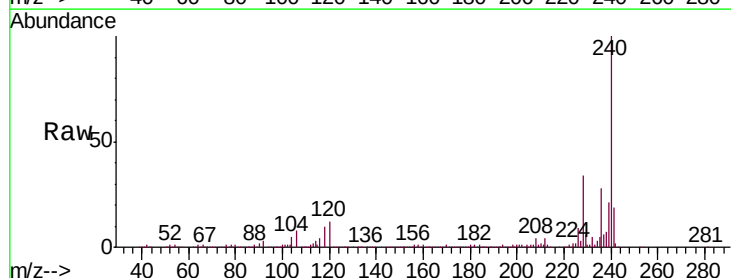
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

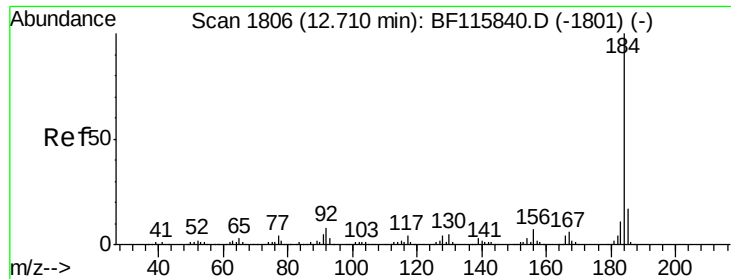
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.2
203	18.3	0.0	37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.7	16.1
236	27.7	22.2	33.2





#77

Benzidine

Concen: 41.046 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

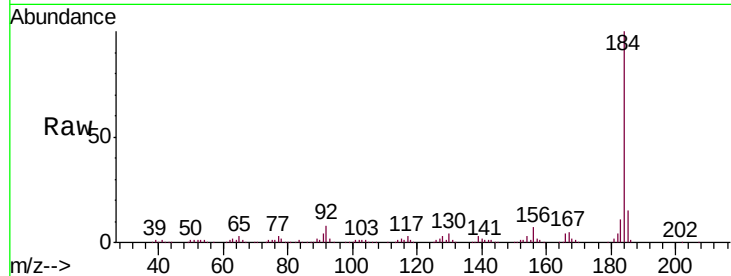
Tgt Ion:184 Resp: 436119

Ion Ratio Lower Upper

184 100

185 15.0 12.8 19.2

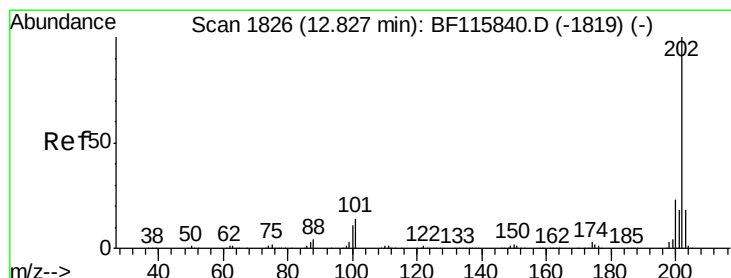
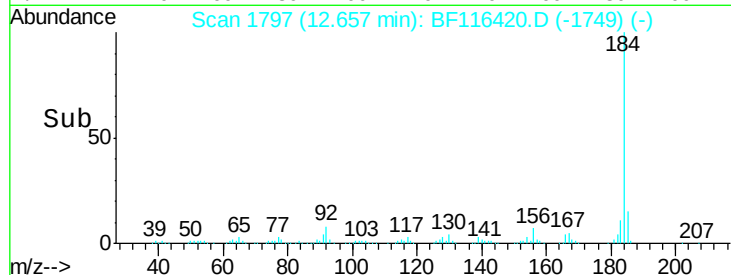
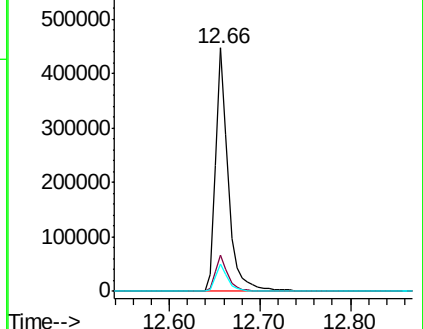
183 11.4 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.911 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

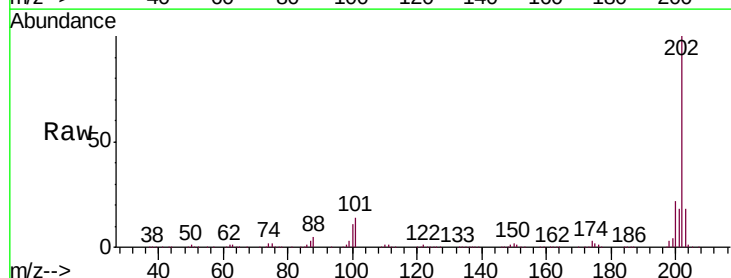
Tgt Ion:202 Resp: 1017310

Ion Ratio Lower Upper

202 100

200 22.4 18.0 27.0

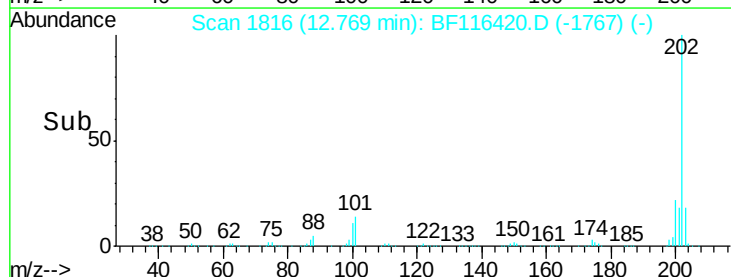
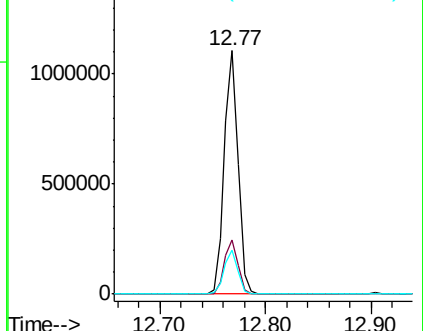
203 18.0 14.1 21.1

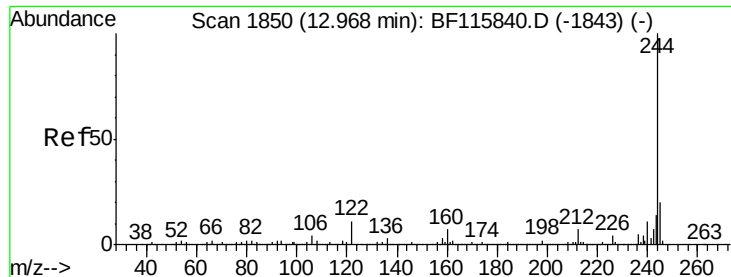


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.169 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

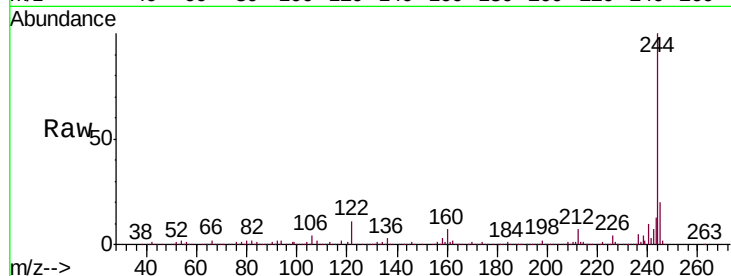
Tgt Ion:244 Resp: 1286094

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

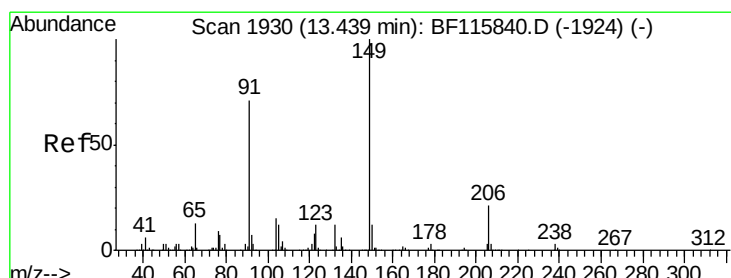
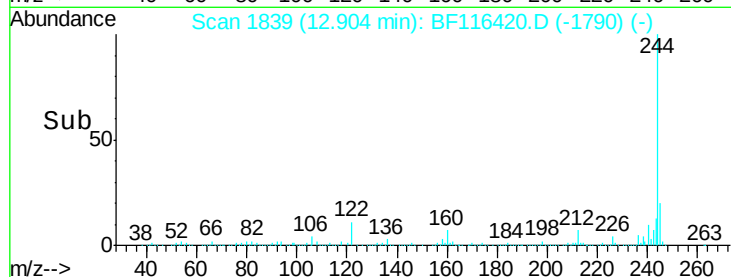
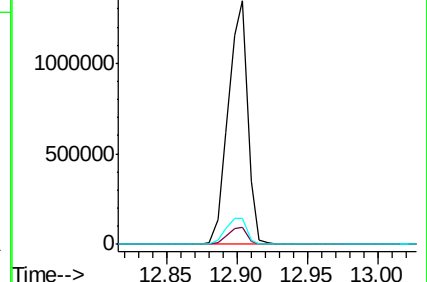
122 10.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.675 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

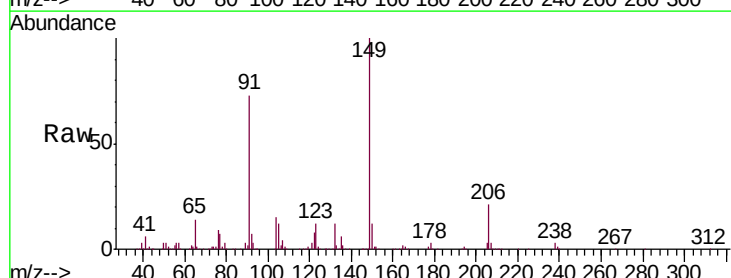
Tgt Ion:149 Resp: 458044

Ion Ratio Lower Upper

149 100

91 73.4 56.3 84.5

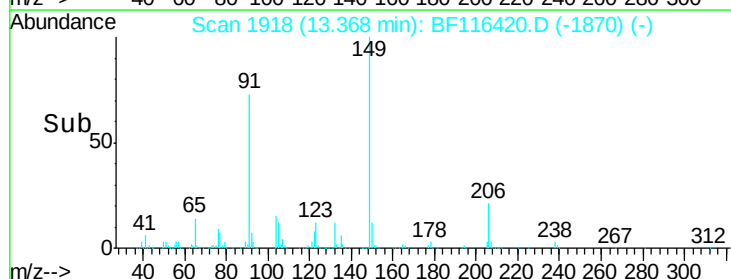
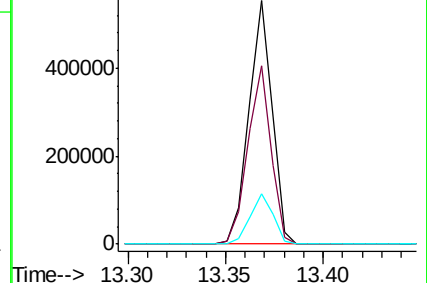
206 20.6 18.0 27.0

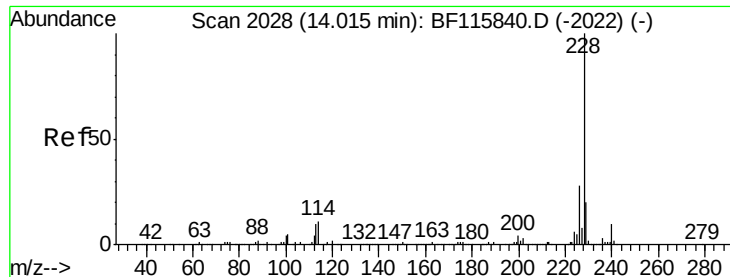


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.445 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

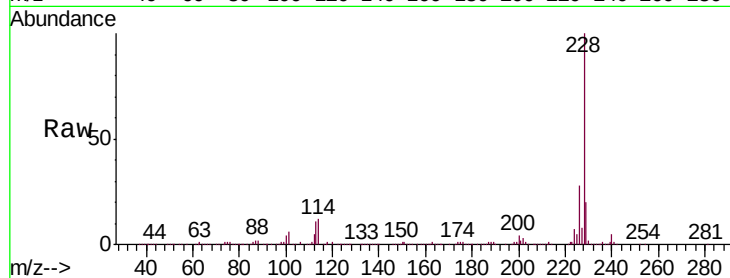
Tgt Ion: 228 Resp: 873326

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

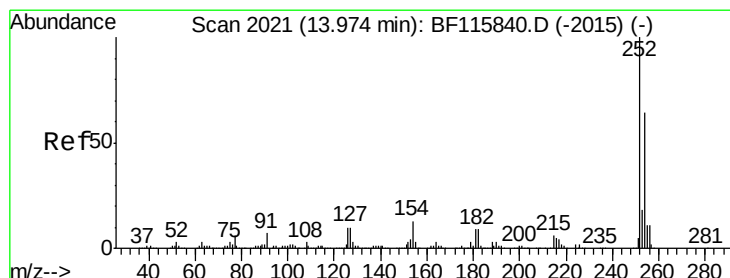
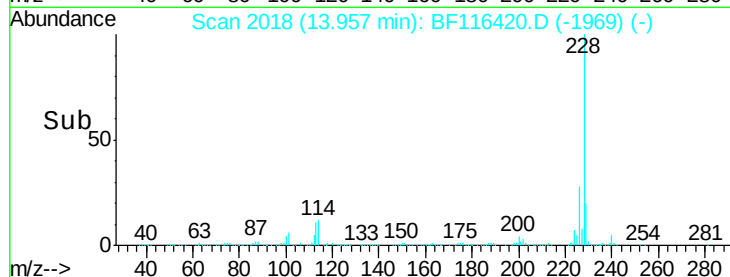
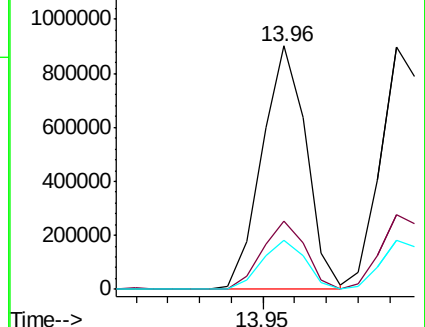
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.767 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

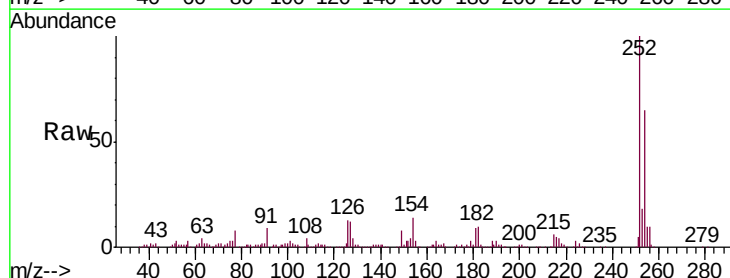
Tgt Ion: 252 Resp: 305654

Ion Ratio Lower Upper

252 100

254 64.7 50.9 76.3

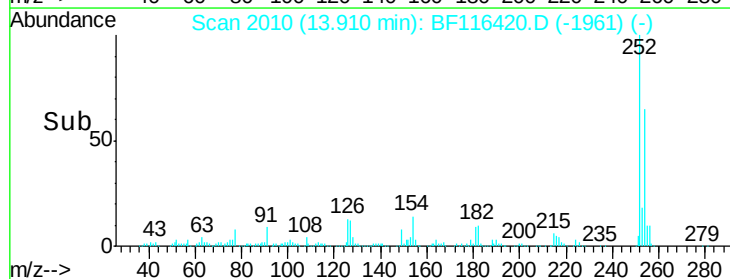
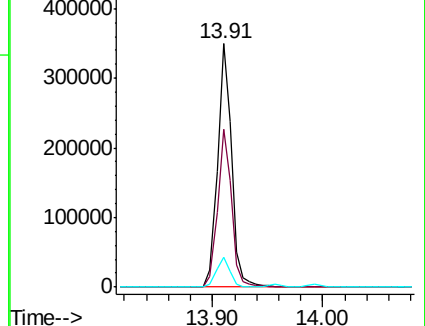
126 12.5 9.8 14.8

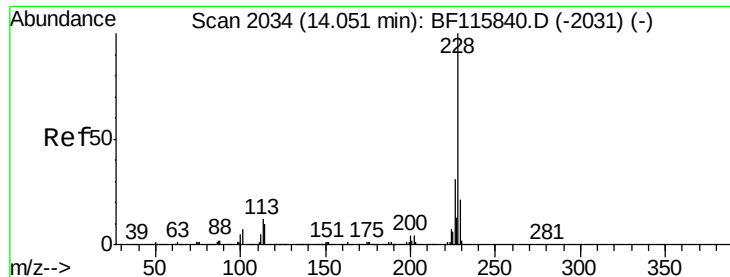


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.545 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

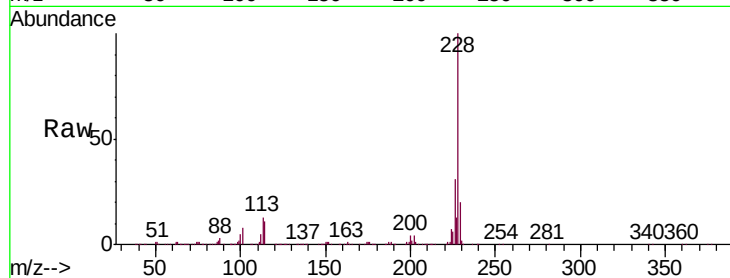
Tgt Ion:228 Resp: 830288

Ion Ratio Lower Upper

228 100

226 30.8 25.5 38.3

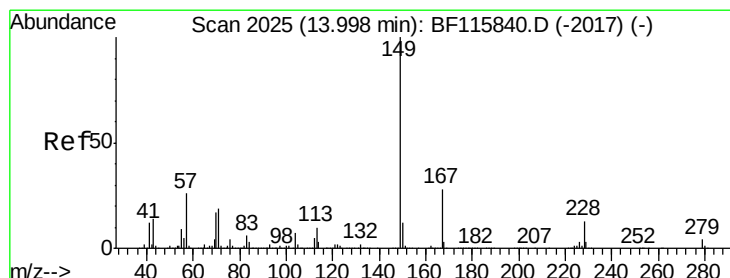
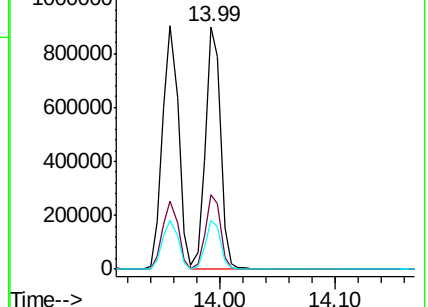
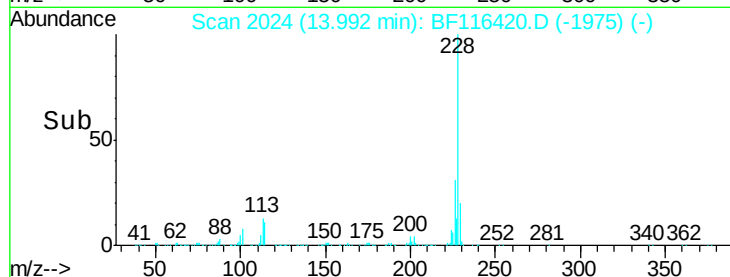
229 20.3 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.526 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

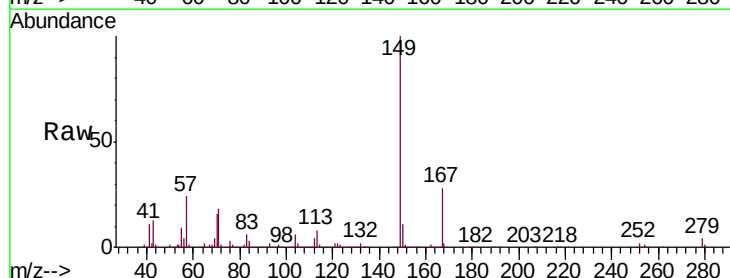
Tgt Ion:149 Resp: 632382

Ion Ratio Lower Upper

149 100

167 28.5 21.6 32.4

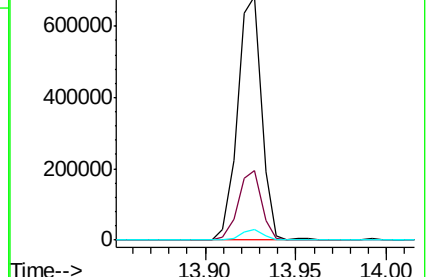
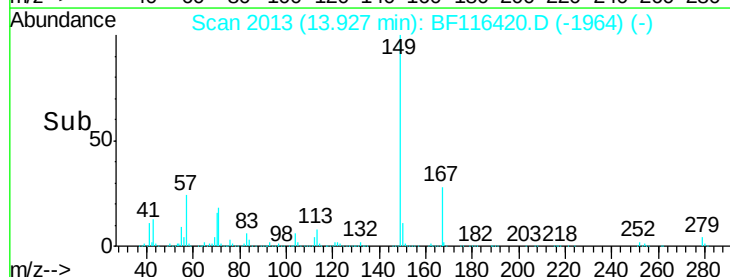
279 4.4 3.0 4.4

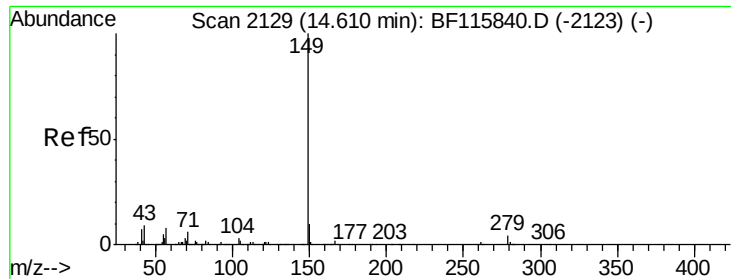


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

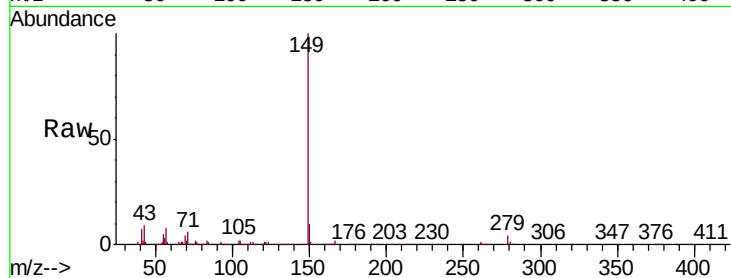




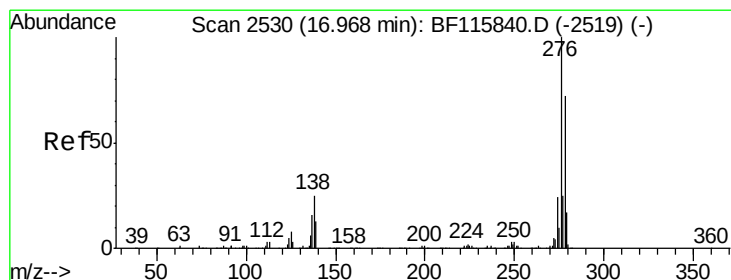
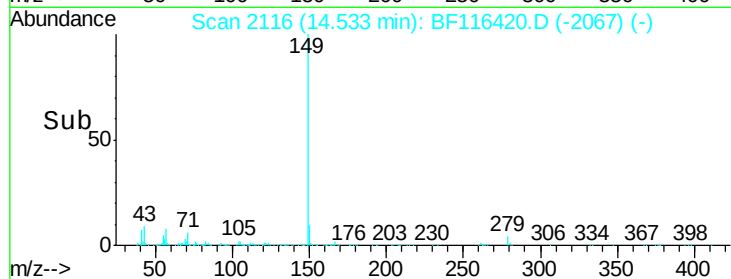
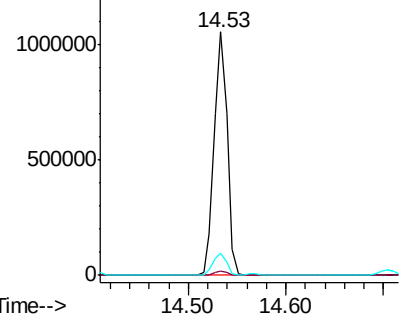
#85
Di-n-octyl phthalate
Concen: 47.591 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.2	7.5	11.3

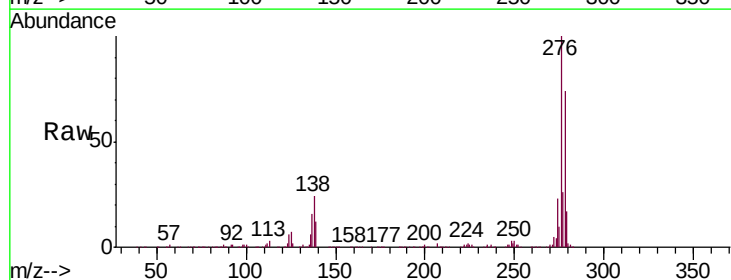


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

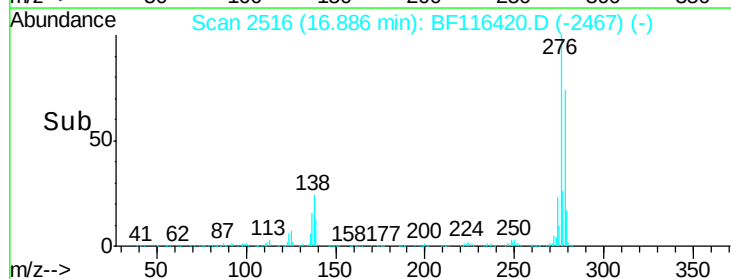
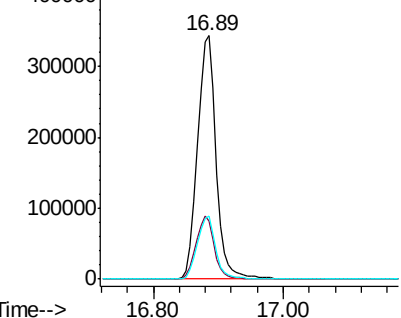


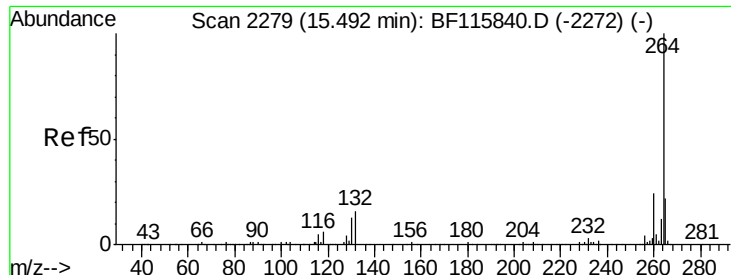
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.413 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.4	30.6
277	25.5	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



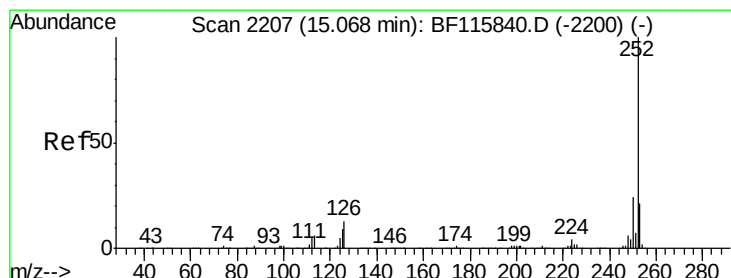
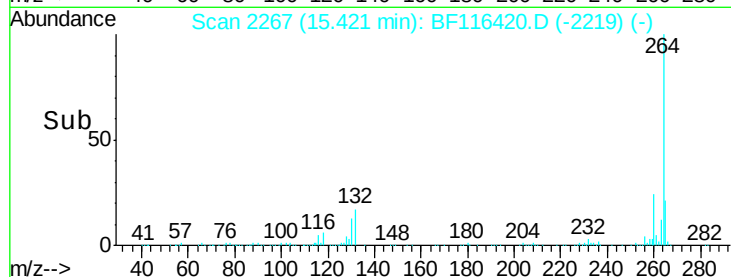
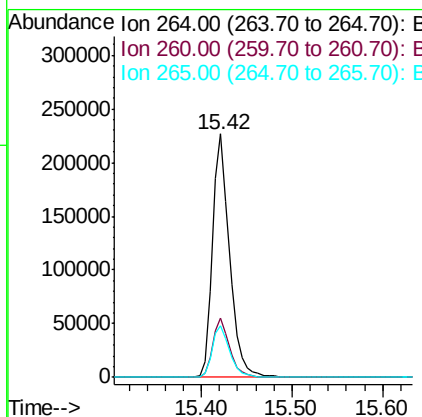
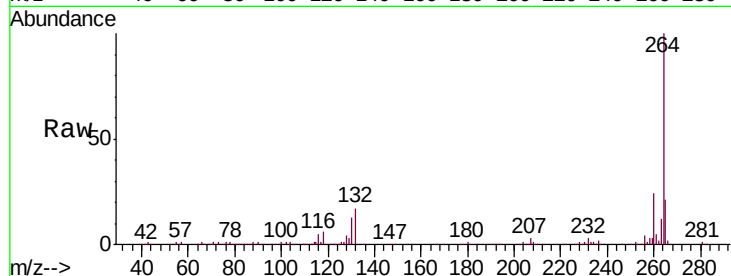


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 297898

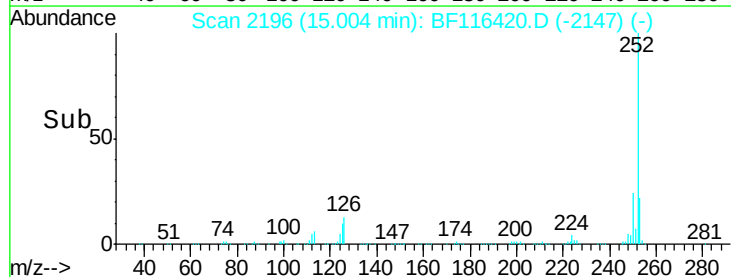
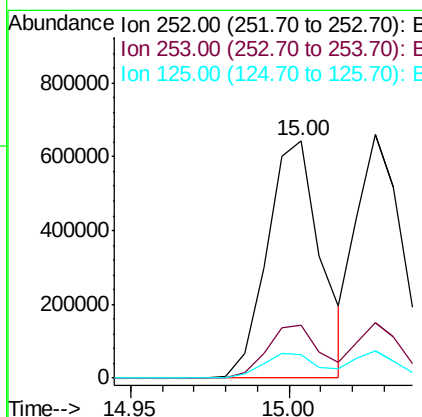
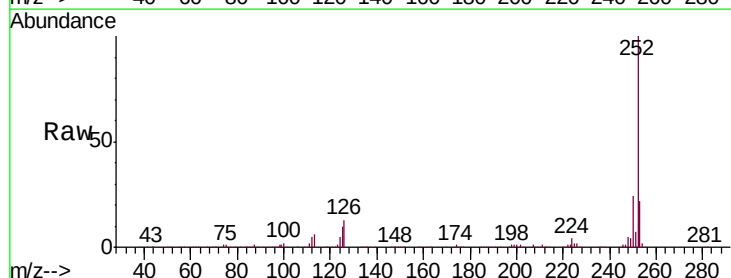
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.4	17.4	26.0

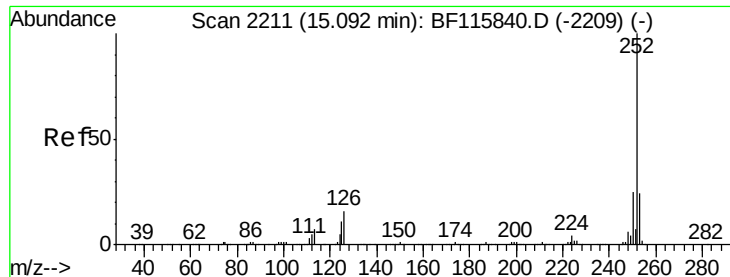


#88
Benzo(b)fluoranthene
Concen: 43.904 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion: 252 Resp: 756247

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.1	8.4	12.6

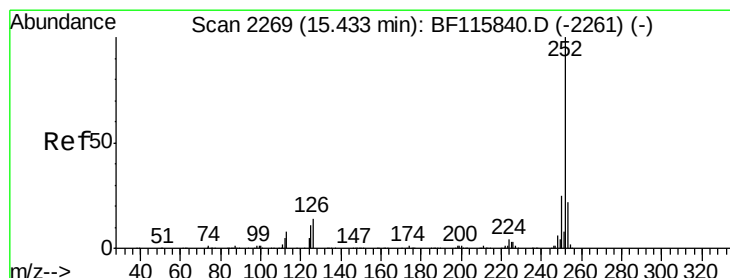
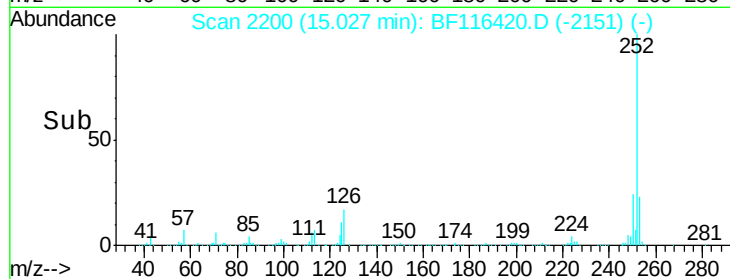
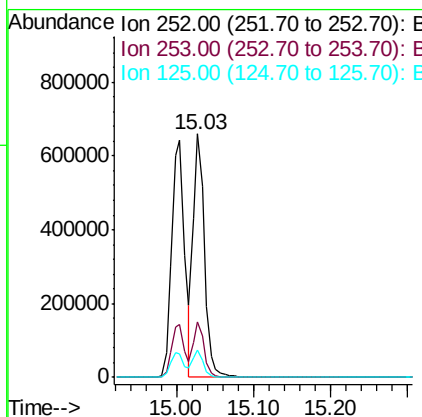
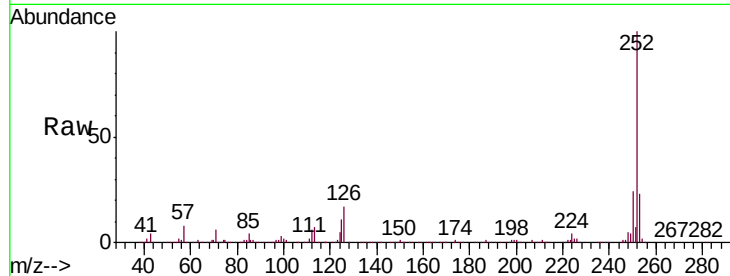




#89
Benzo(k)fluoranthene
Concen: 40.524 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

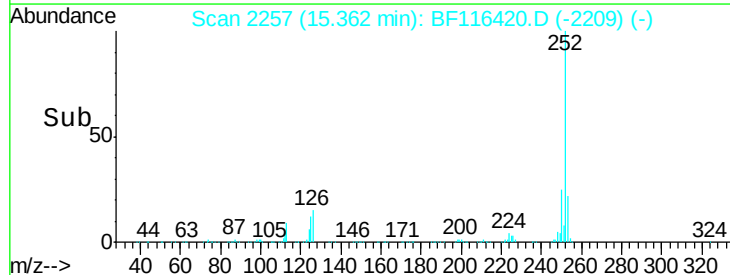
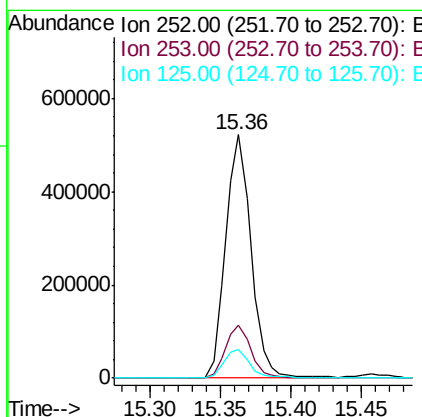
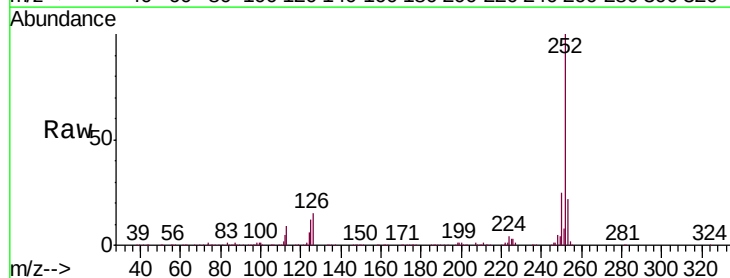
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

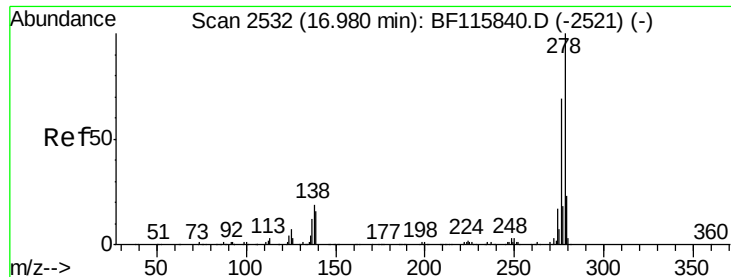
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.2	7.7	11.5



#90
Benzo(a)pyrene
Concen: 42.659 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	11.7	8.9	13.3

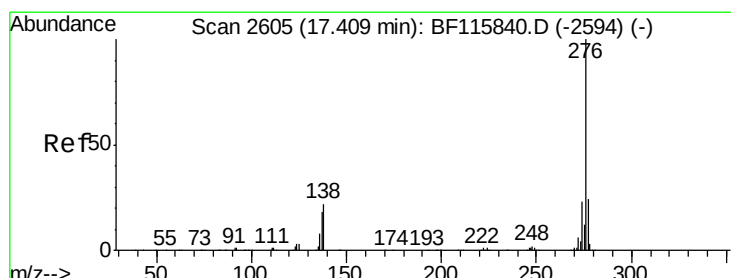
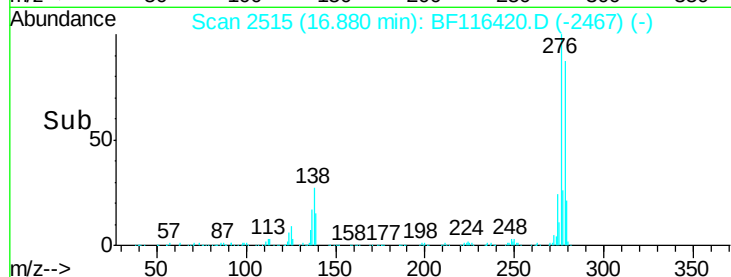
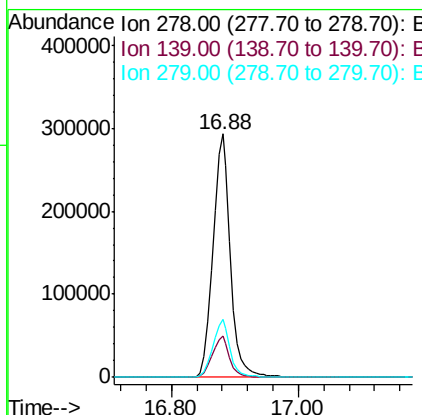
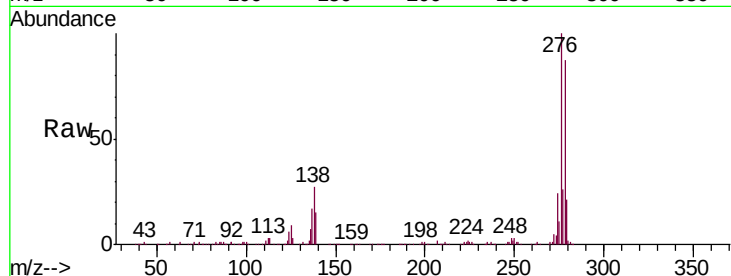




#91
Dibenzo(a,h)anthracene
Concen: 42.638 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	23.7	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 41.772 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	20.5	17.0	25.6

