

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
 Data File : BF120607.D
 Acq On : 12 Jun 2020 8:26
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 12 10:48:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	163320	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	609375	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	315981	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	595852	20.00	ng	0.00
76) Chrysene-d12	13.96	240	481034	20.00	ng	0.00
86) Perylene-d12	15.39	264	524405	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	752546	79.00	ng	0.00
7) Phenol-d6	6.43	99	986580	83.15	ng	0.00
23) Nitrobenzene-d5	7.36	82	861401	79.01	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	292703	79.67	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1591177	77.05	ng	0.00
79) Terphenyl-d14	12.90	244	1737030	79.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	167656	37.134	ng	99
3) Pyridine	3.21	79	463301	36.503	ng	99
4) n-Nitrosodimethylamine	3.16	42	207441	39.383	ng	94
6) Aniline	6.46	93	636881	41.944	ng	98
8) 2-Chlorophenol	6.59	128	429971	39.942	ng	99
9) Benzaldehyde	6.35	77	301871	40.225	ng	96
10) Phenol	6.45	94	536615	42.390	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	423542	40.168	ng	100
12) 1,3-Dichlorobenzene	6.74	146	463219	40.477	ng	98
13) 1,4-Dichlorobenzene	6.82	146	468491	41.491	ng	98
14) 1,2-Dichlorobenzene	6.97	146	443216	40.296	ng	98
15) Benzyl Alcohol	6.94	79	353075	41.963	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	652680	42.990	ng	99
17) 2-Methylphenol	7.06	107	369976	40.297	ng	99
18) Hexachloroethane	7.31	117	172801	41.533	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	282179	41.001	ng	98
20) 3+4-Methylphenols	7.21	107	447603	39.014	ng	93
22) Acetophenone	7.21	105	535908	39.337	ng	# 97
24) Nitrobenzene	7.38	77	451349	39.563	ng	96
25) Isophorone	7.62	82	816682	38.457	ng	97
26) 2-Nitrophenol	7.70	139	226863	37.588	ng	99
27) 2,4-Dimethylphenol	7.74	122	340514	38.318	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	505594	41.072	ng	99
29) 2,4-Dichlorophenol	7.94	162	352094	38.978	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	403506	40.308	ng	99
31) Naphthalene	8.10	128	1227753	41.031	ng	99
32) Benzoic acid	7.86	122	256719	37.652	ng	100
33) 4-Chloroaniline	8.15	127	539467	39.279	ng	98
34) Hexachlorobutadiene	8.22	225	242681	41.589	ng	98
35) Caprolactam	8.52	113	108387	37.516	ng	88
36) 4-Chloro-3-methylphenol	8.63	107	362073	40.120	ng	99
37) 2-Methylnaphthalene	8.79	142	815880	41.768	ng	99
38) 1-Methylnaphthalene	8.89	142	771090	41.951	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	392024	41.550	ng	99

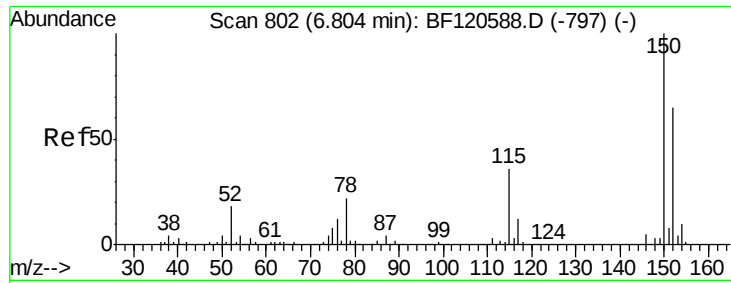
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
 Data File : BF120607.D
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 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	214223	40.518	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	264380	39.502	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	303336	39.949	nq	96
46) 1,1'-Biphenyl	9.26	154	973744	41.270	nq	98
47) 2-Chloronaphthalene	9.28	162	781173	40.488	nq	98
48) 2-Nitroaniline	9.38	65	245354	40.489	nq	96
49) Acenaphthylene	9.70	152	1201900	40.364	nq	99
50) Dimethylphthalate	9.56	163	885763	38.923	nq	99
51) 2,6-Dinitrotoluene	9.62	165	198331	38.456	nq	98
52) Acenaphthene	9.87	154	728606	41.027	nq	100
53) 3-Nitroaniline	9.79	138	237739	38.379	nq	94
54) 2,4-Dinitrophenol	9.89	184	92954	32.609	nq	# 87
55) Dibenzofuran	10.04	168	1101619	40.456	nq	98
56) 4-Nitrophenol	9.95	139	170543	36.555	nq	93
57) 2,4-Dinitrotoluene	10.02	165	262671	38.382	nq	90
58) Fluorene	10.39	166	826213	39.359	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	231738	38.793	nq	98
60) Diethylphthalate	10.26	149	898768	40.100	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	428706	39.547	nq	98
62) 4-Nitroaniline	10.40	138	234095	38.066	nq	96
63) Azobenzene	10.53	77	848205	41.691	nq	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	136615	38.210	nq	89
66) n-Nitrosodiphenylamine	10.49	169	761304	41.606	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	280912	41.540	nq	96
68) Hexachlorobenzene	10.93	284	299609	41.208	nq	93
69) Atrazine	11.02	200	223447	39.462	nq	99
70) Pentachlorophenol	11.12	266	160984	39.826	nq	99
71) Phenanthrene	11.35	178	1212860	40.948	nq	99
72) Anthracene	11.39	178	1236999	41.432	nq	100
73) Carbazole	11.55	167	1184704	40.086	nq	100
74) Di-n-butylphthalate	11.88	149	1398472	42.089	nq	100
75) Fluoranthene	12.53	202	1341712	39.619	nq	100
77) Benzidine	12.65	184	533143	32.772	nq	99
78) Pyrene	12.76	202	1372989	40.290	nq	99
80) Butylbenzylphthalate	13.38	149	600498	39.685	nq	94
81) Benzo(a)anthracene	13.94	228	1177468	40.743	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	447085	40.501	nq	98
83) Chrysene	13.99	228	1203509	40.598	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	781909	42.341	nq	99
85) Di-n-octyl phthalate	14.55	149	1426556	40.477	nq	99
87) Indeno(1,2,3-cd)pyrene	16.82	276	1428407	44.780	nq	100
88) Benzo(b)fluoranthene	14.98	252	1193658	38.212	nq	100
89) Benzo(k)fluoranthene	15.01	252	1200956	43.448	nq	100
90) Benzo(a)pyrene	15.33	252	1140156	40.783	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	1164084	45.508	nq	98
92) Benzo(g,h,i)perylene	17.24	276	1169645	45.365	nq	99

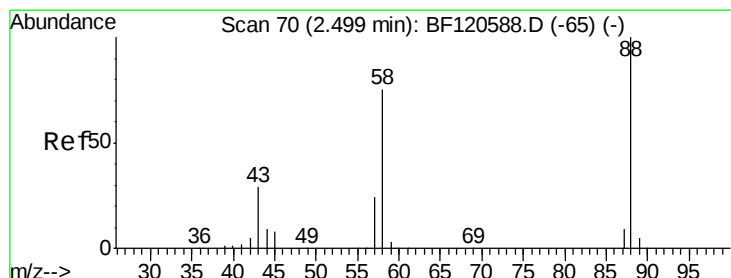
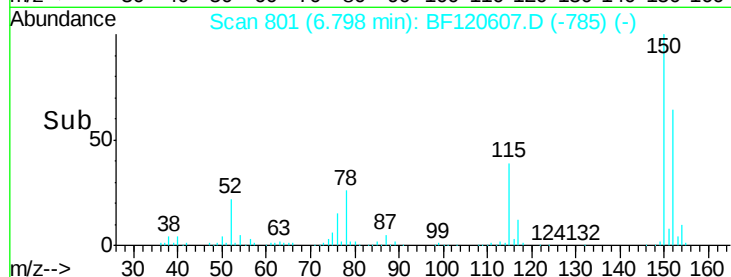
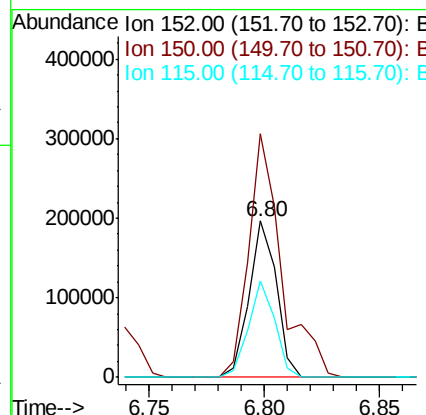
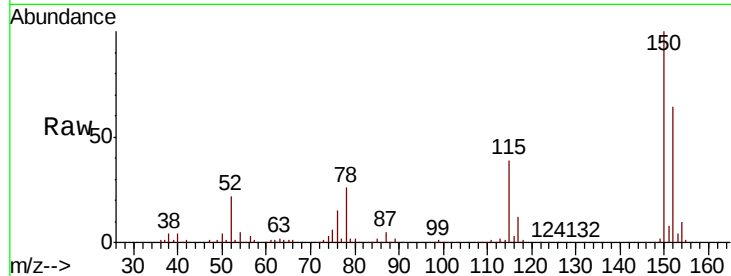
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

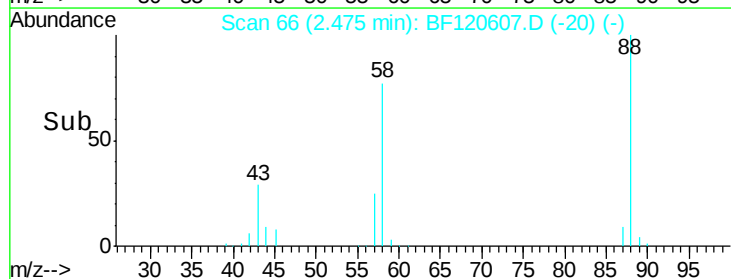
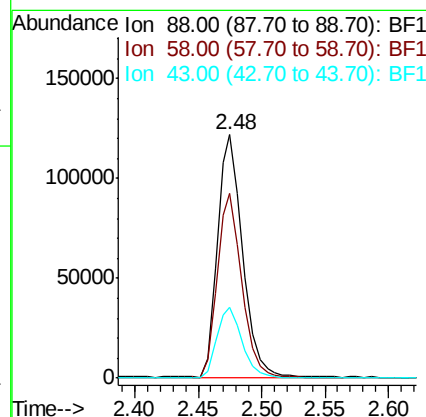
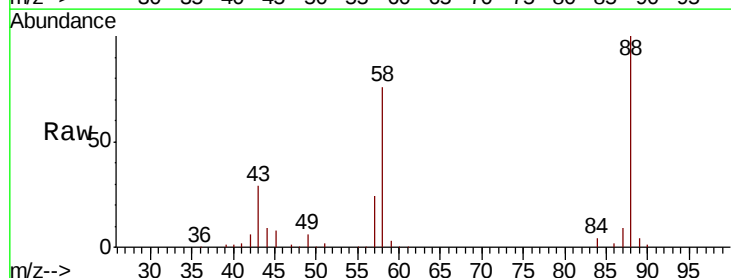
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

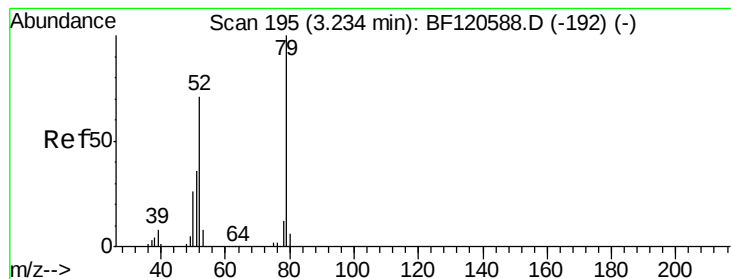
Tot Ion:152 Resp: 163320
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.2 184.8
 115 61.5 43.9 65.9



#2
 1,4-Dioxane
 Concen: 37.134 ng
 RT: 2.48 min Scan# 66
 Delta R.T. -0.03 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Tgt Ion: 88 Resp: 167656
 Ion Ratio Lower Upper
 88 100
 58 75.0 59.6 89.4
 43 29.6 23.1 34.7





#3

Pvridine

Concen: 36.503 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.03 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

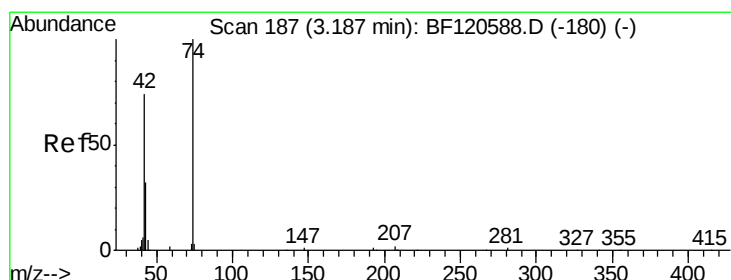
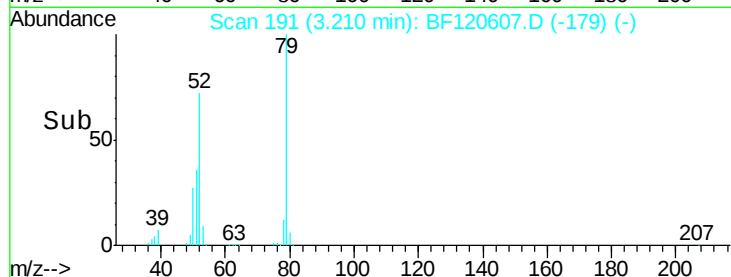
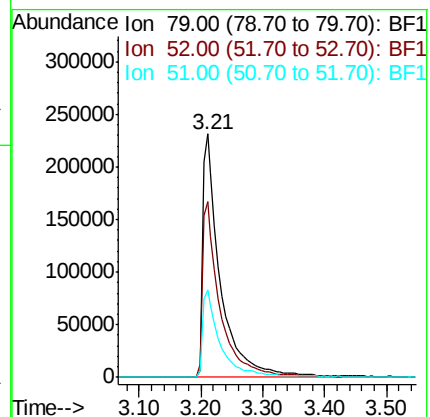
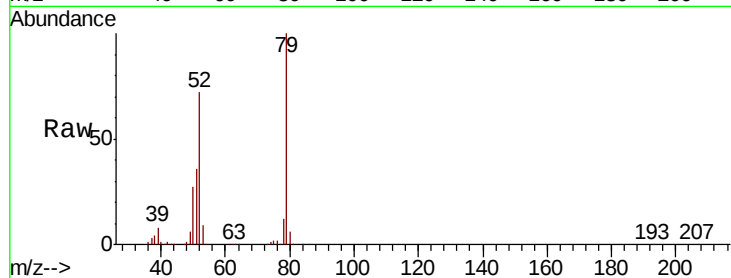
Tot Ion: 79 Resp: 463301

Ion Ratio Lower Upper

79 100

52 72.2 57.0 85.6

51 35.8 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 39.383 ng

RT: 3.16 min Scan# 182

Delta R.T. -0.04 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

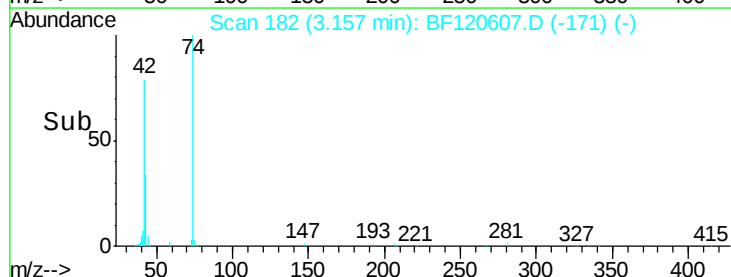
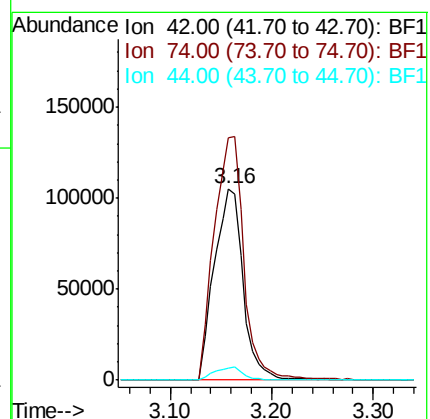
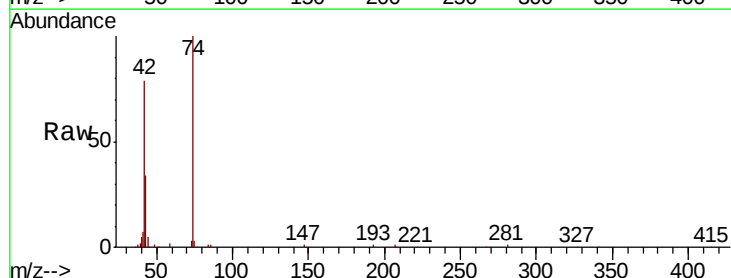
Tgt Ion: 42 Resp: 207441

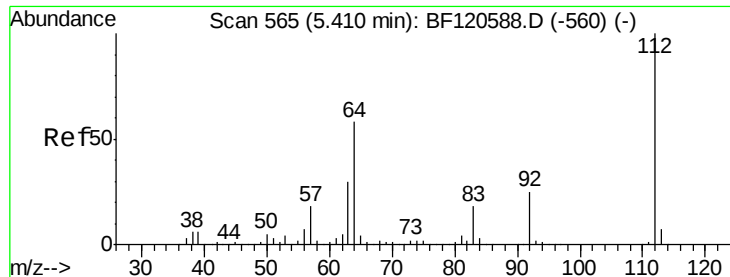
Ion Ratio Lower Upper

42 100

74 126.7 107.8 161.6

44 6.5 5.1 7.7

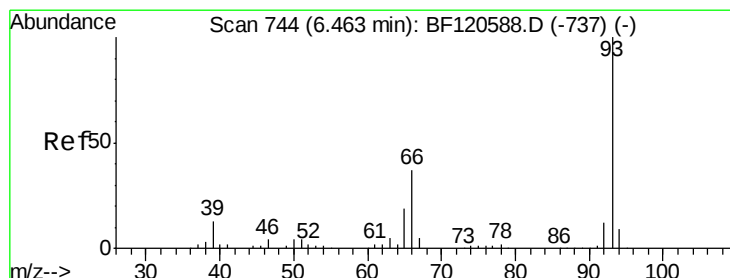
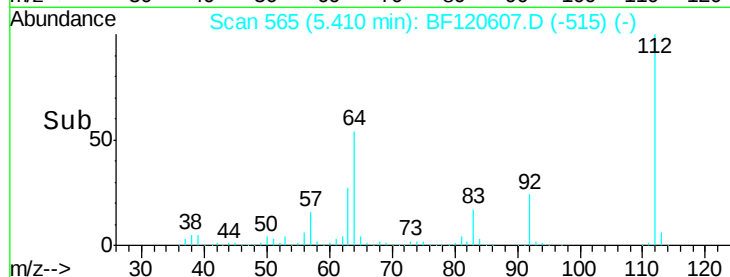
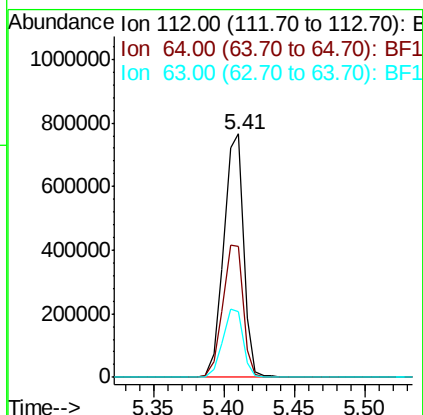
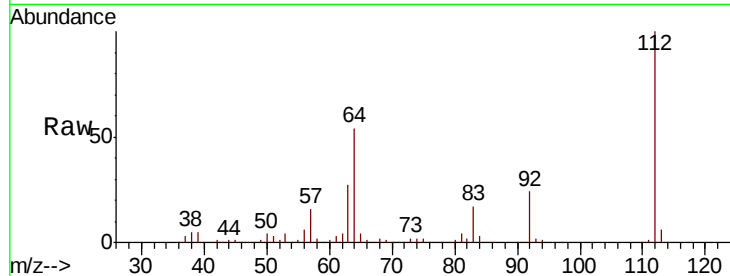




#5
 2-Fluorophenol
 Concen: 78.999 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

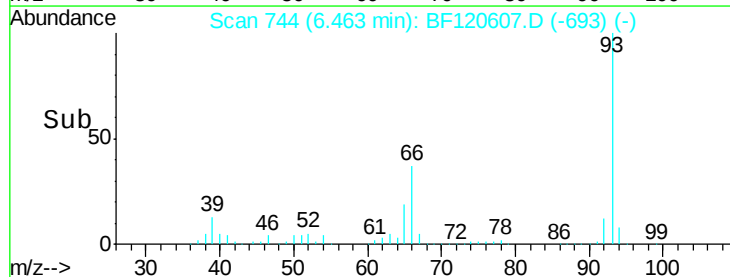
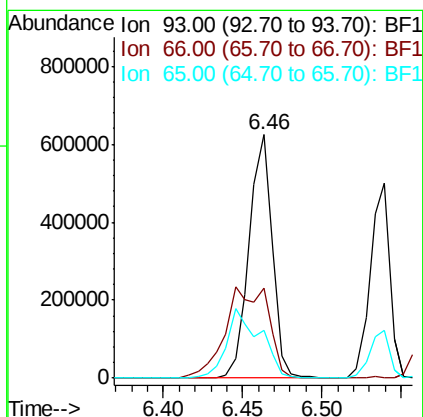
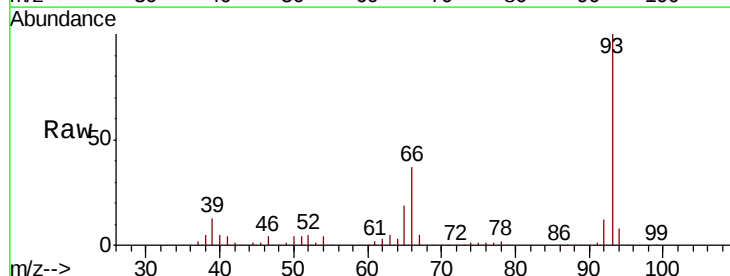
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

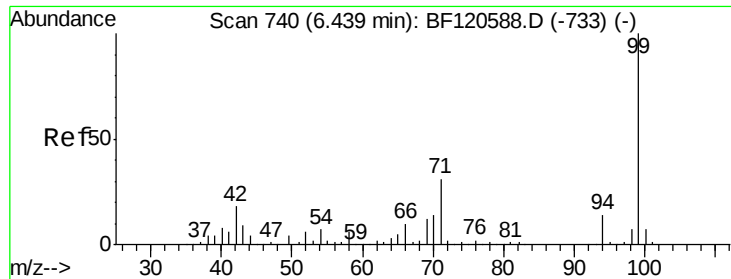
Tot Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.1	69.1
63	26.9	23.7	35.5



#6
 Aniline
 Concen: 41.944 ng
 RT: 6.46 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Tgt Ion	Ratio	Lower	Upper
93	100		
66	36.8	30.9	46.3
65	19.5	15.9	23.9





#7

Phenol-d6

Concen: 83.153 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

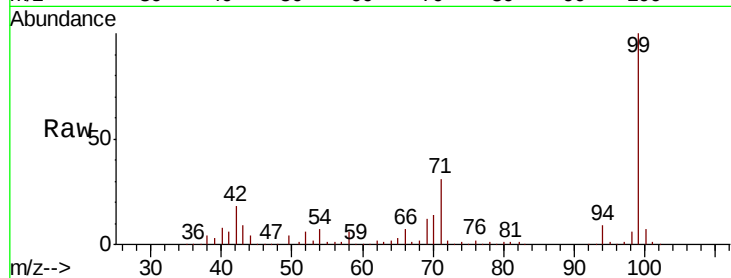
Tot Ion: 99 Resp: 986580

Ion Ratio Lower Upper

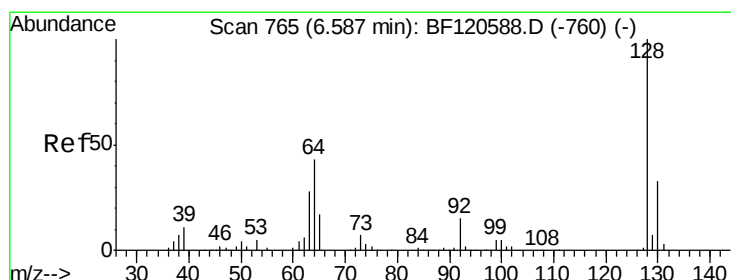
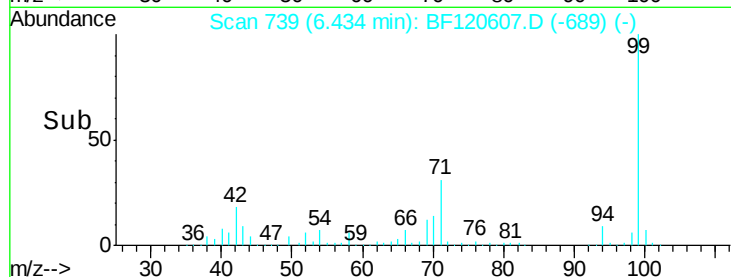
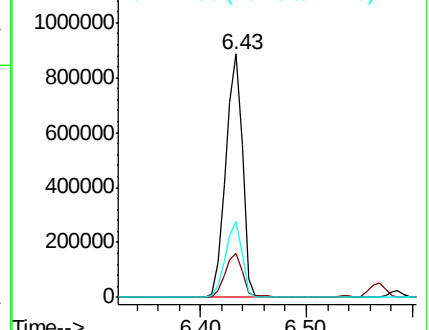
99 100

42 17.9 14.0 21.0

71 31.4 24.9 37.3



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: 39.942 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

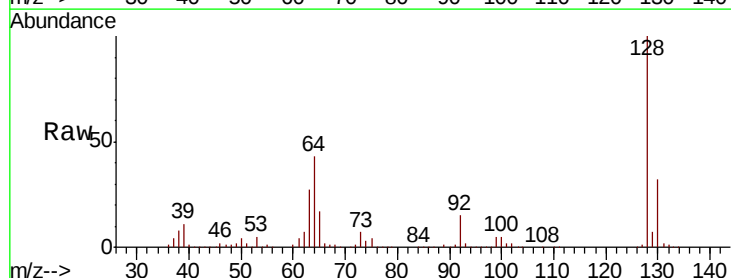
Tgt Ion: 128 Resp: 429971

Ion Ratio Lower Upper

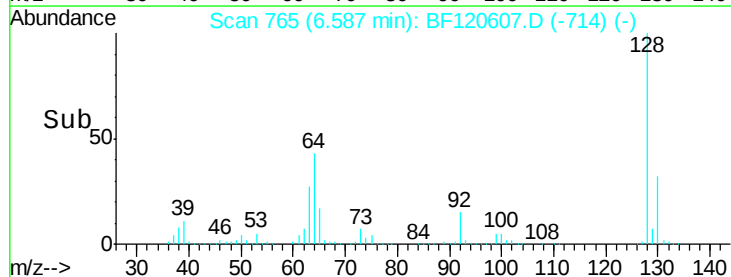
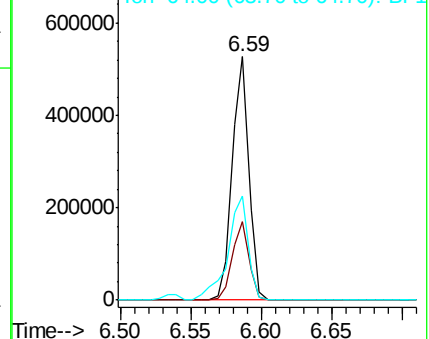
128 100

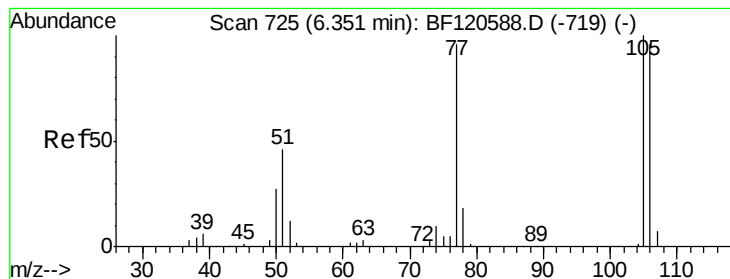
130 32.5 12.6 52.6

64 43.0 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: 40.225 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

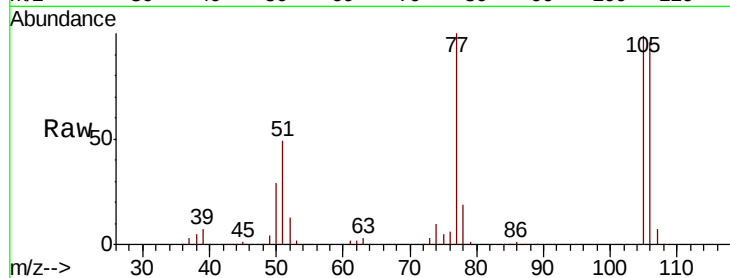
Tot Ion: 77 Resp: 301871

Ion Ratio Lower Upper

77 100

105 98.9 83.8 123.8

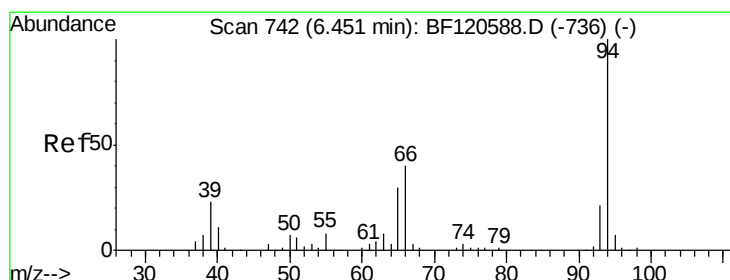
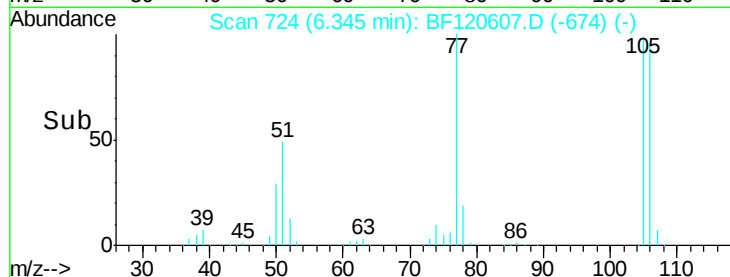
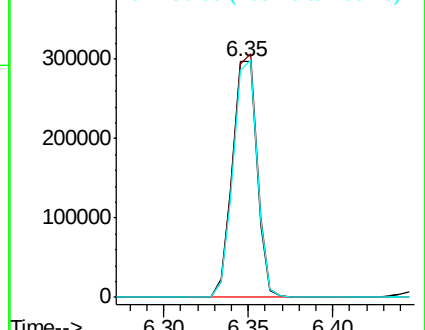
106 96.5 79.3 119.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.390 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

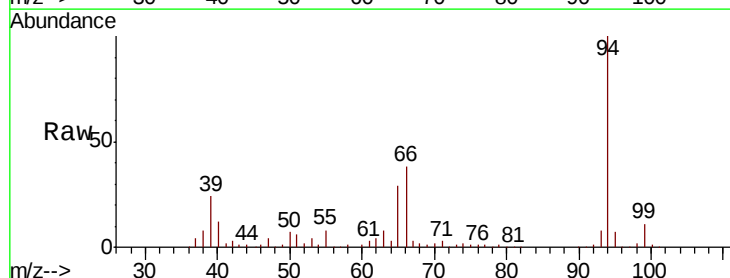
Tgt Ion: 94 Resp: 536615

Ion Ratio Lower Upper

94 100

65 28.8 9.9 49.9

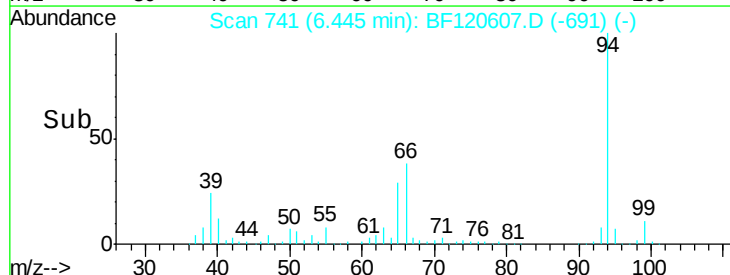
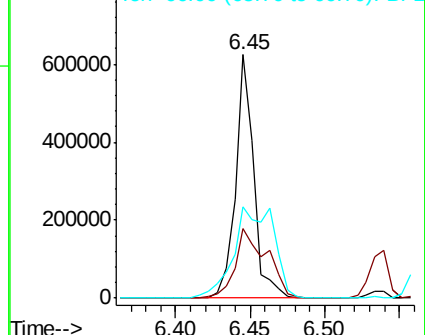
66 37.6 20.1 60.1

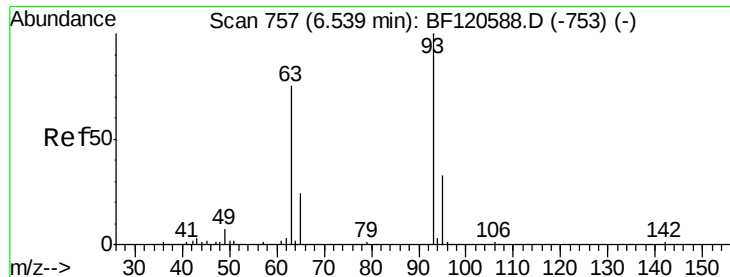


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

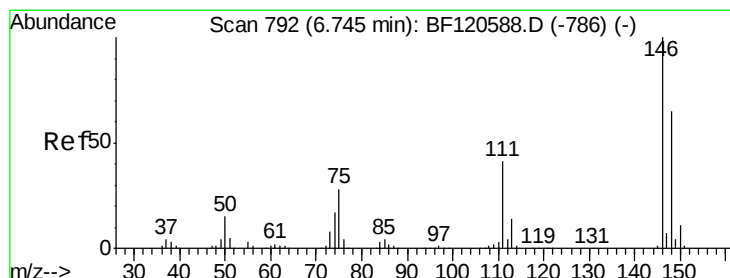
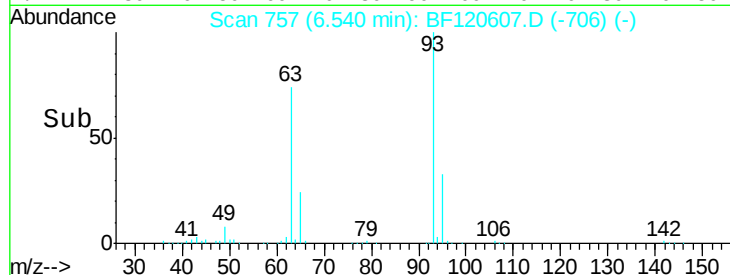
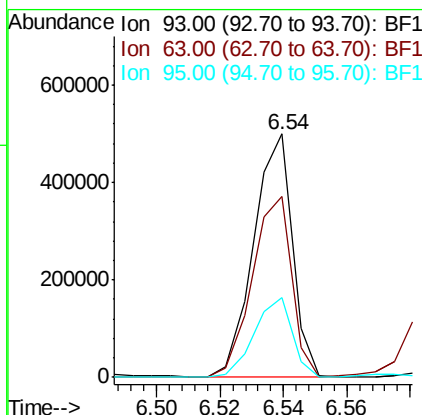
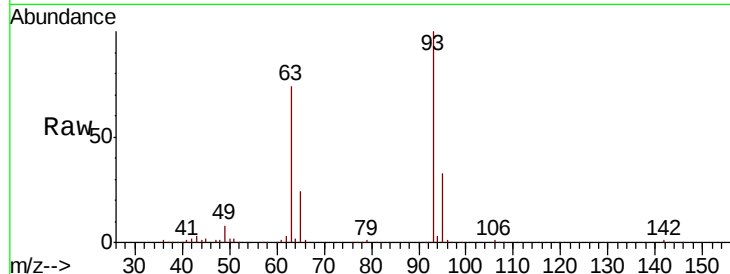




#11
 bis(2-Chloroethyl)ether
 Concen: 40.168 ng
 RT: 6.54 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

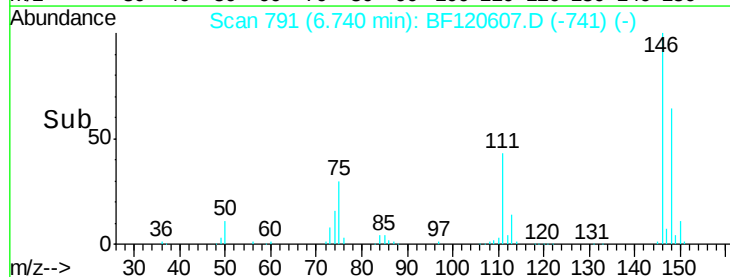
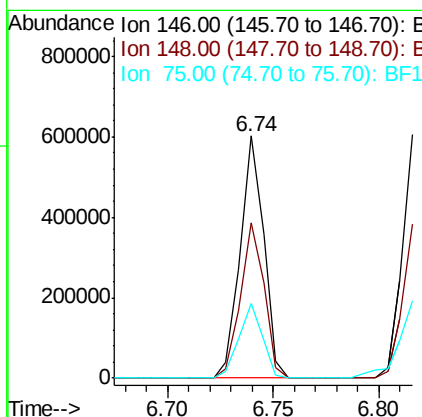
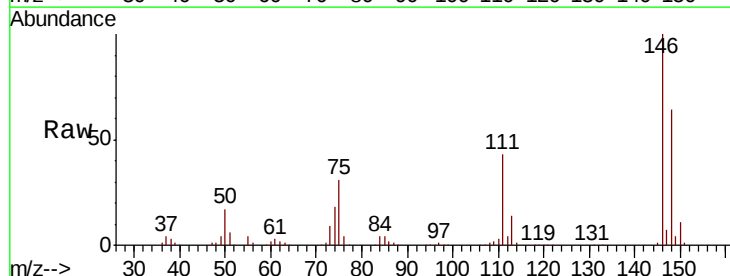
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

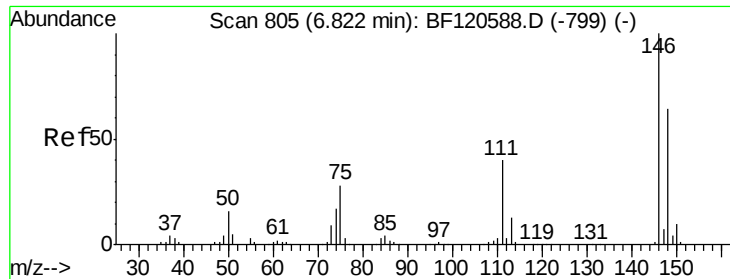
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	54.4	94.4
95	32.8	12.9	52.9



#12
 1,3-Dichlorobenzene
 Concen: 40.477 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
75	31.1	22.2	33.4

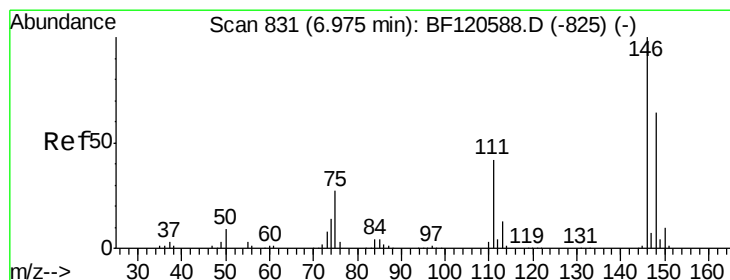
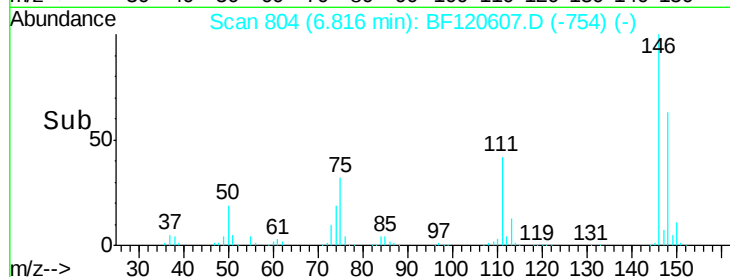
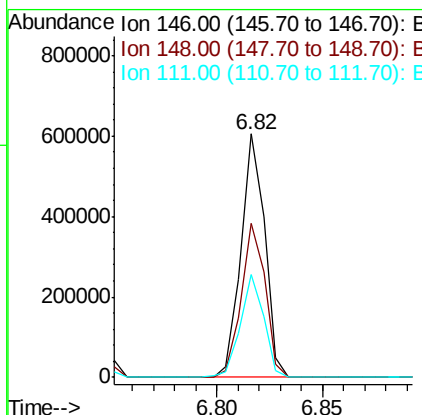
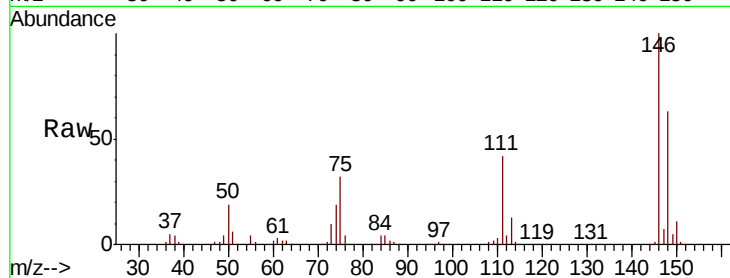




#13
 1,4-Dichlorobenzene
 Concen: 41.491 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

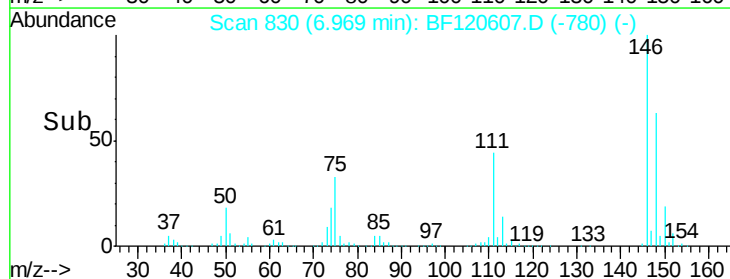
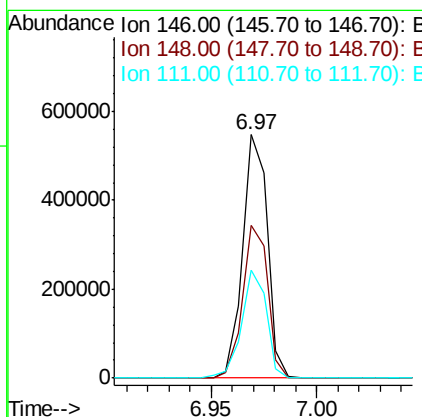
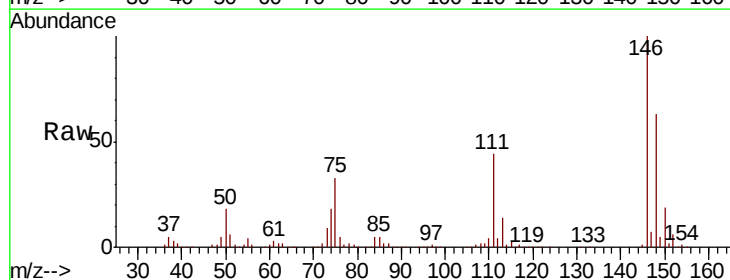
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

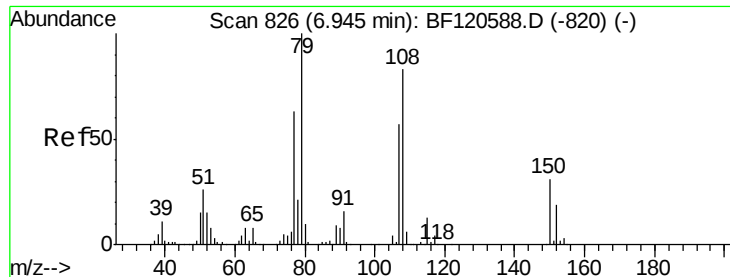
Tot Ion:146 Resp: 468491
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.5 77.3
 111 42.1 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 40.296 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Tgt Ion:146 Resp: 443216
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.8 76.2
 111 44.1 33.6 50.4





#15

Benzyl Alcohol

Concen: 41.963 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

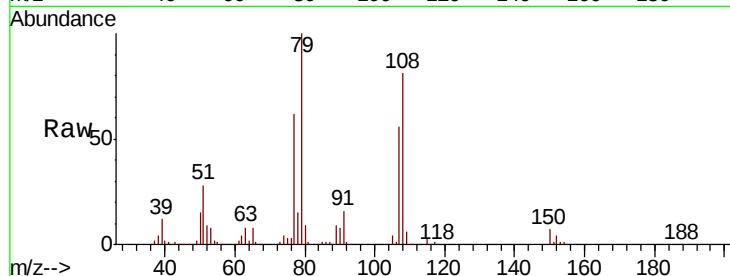
Tot Ion: 79 Resp: 353075

Ion Ratio Lower Upper

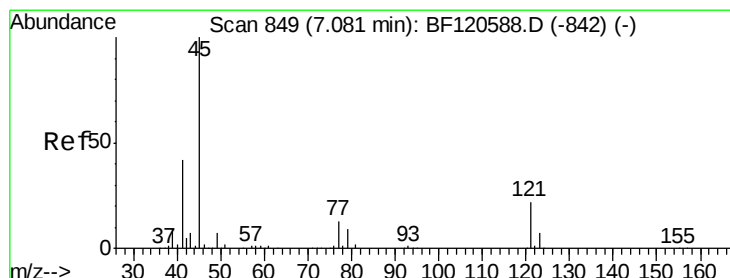
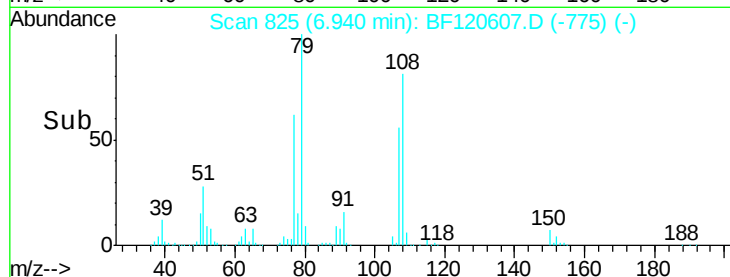
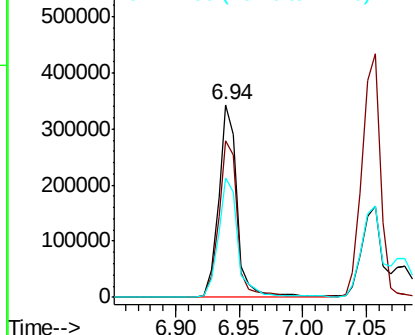
79 100

108 81.0 66.8 100.2

77 62.3 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.990 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

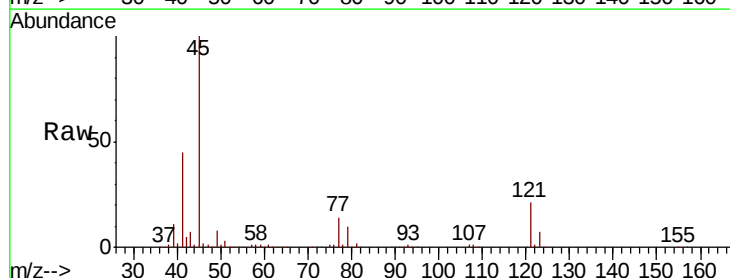
Tgt Ion: 45 Resp: 652680

Ion Ratio Lower Upper

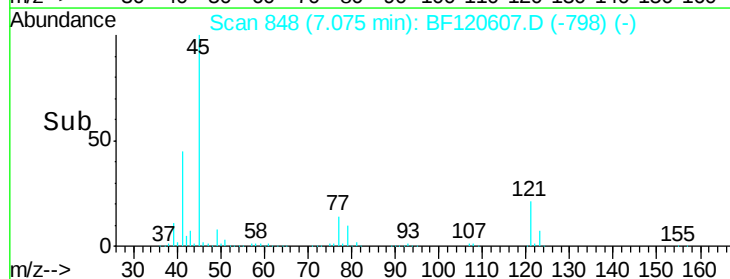
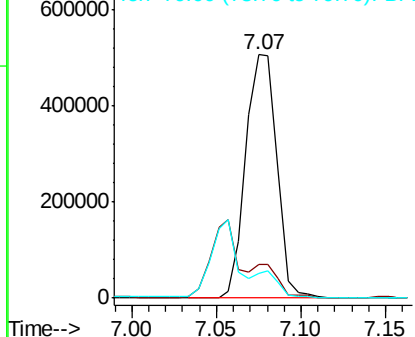
45 100

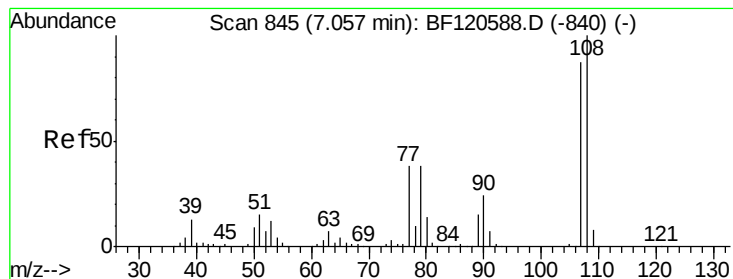
77 13.7 0.0 34.2

79 10.4 0.0 30.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.297 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 369976

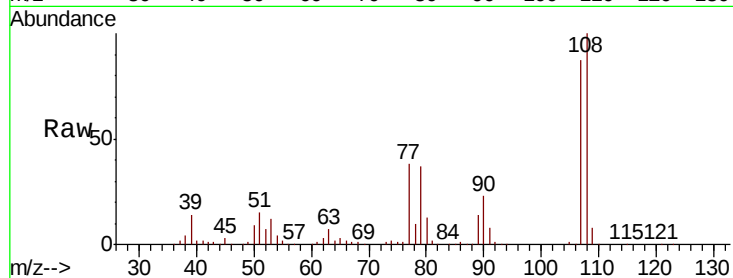
Ion Ratio Lower Upper

107 100

108 114.9 91.9 137.9

77 43.2 35.4 53.2

79 43.0 34.8 52.2

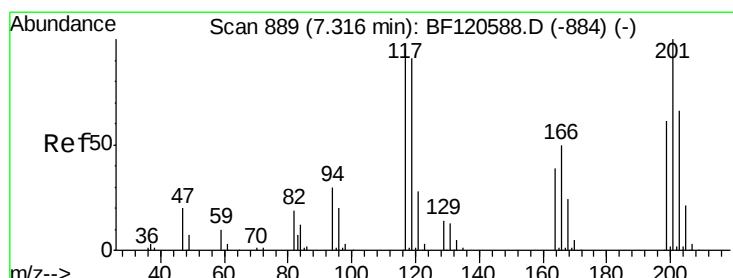
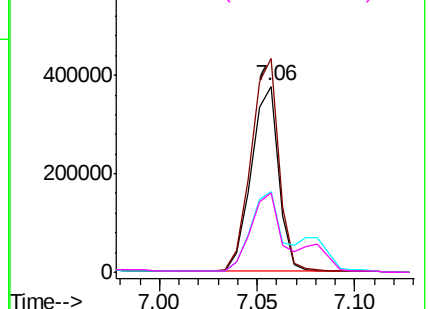
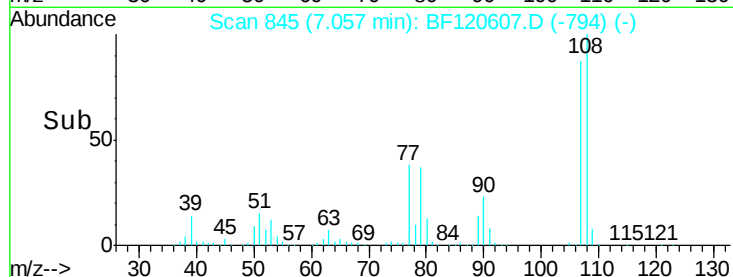


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.533 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

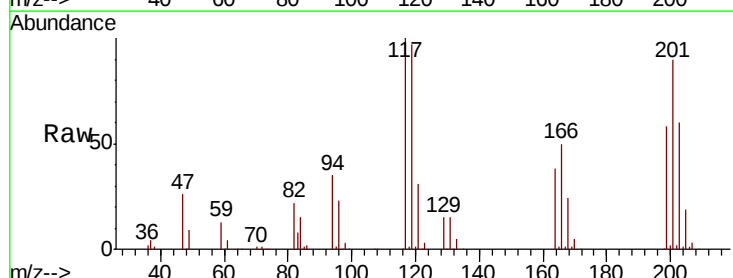
Tgt Ion:117 Resp: 172801

Ion Ratio Lower Upper

117 100

119 97.1 76.9 115.3

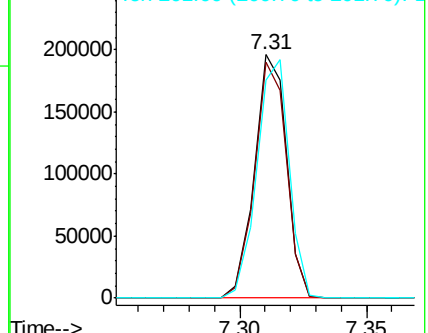
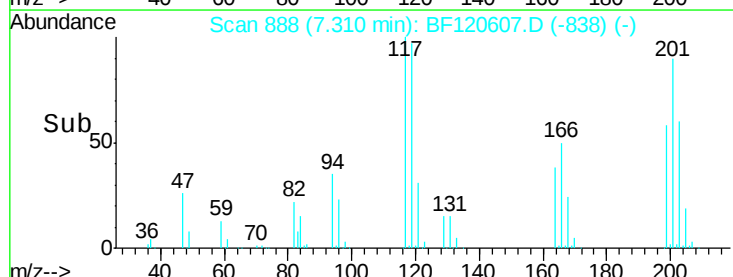
201 89.6 84.6 127.0

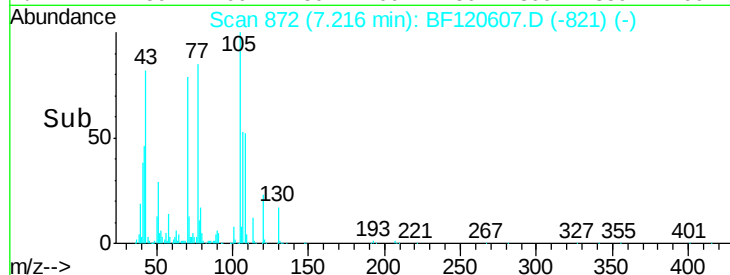
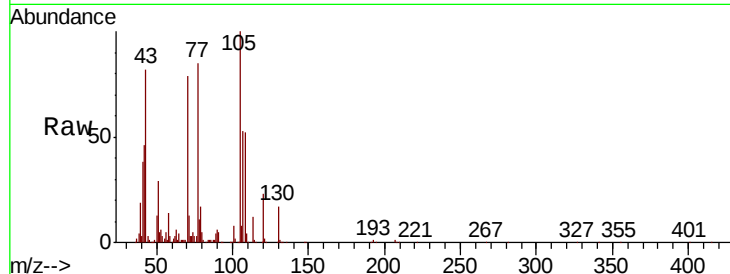
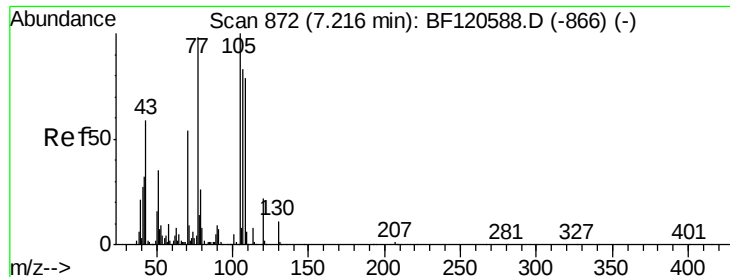


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

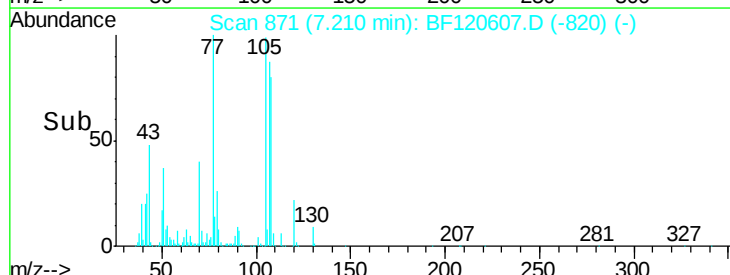
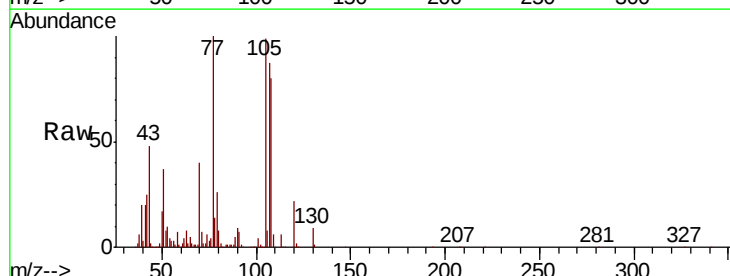
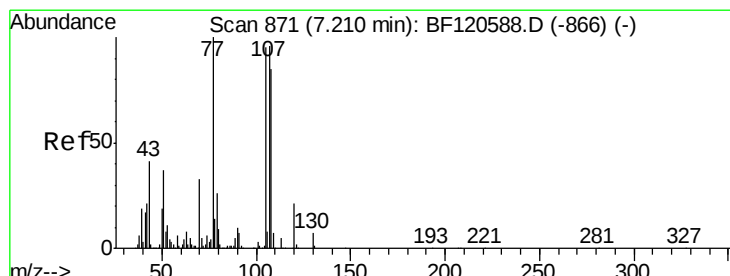
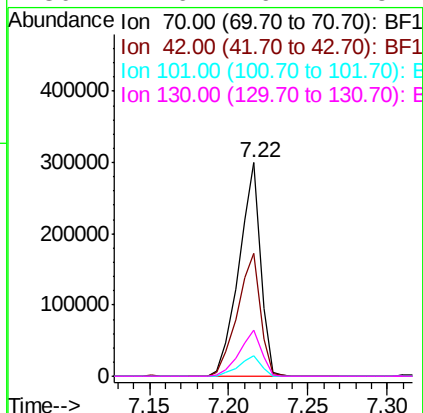




#19
n-Nitroso-di-n-propylamine
Concen: 41.001 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

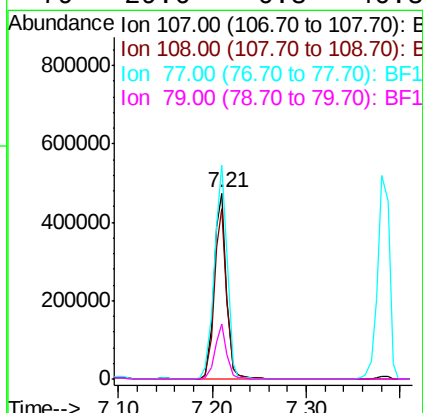
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

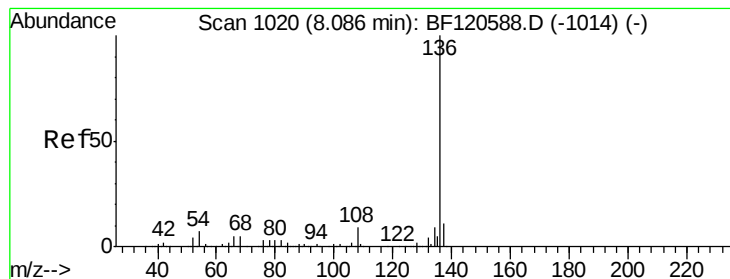
Tot Ion:	70	Resp:	282179
Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.7	71.5
101	9.5	7.6	11.4
130	21.6	16.7	25.1



#20
3+4-Methylphenols
Concen: 39.014 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion:	107	Resp:	447603
Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.7	108.7
77	114.7	84.2	124.2
79	29.6	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 609375

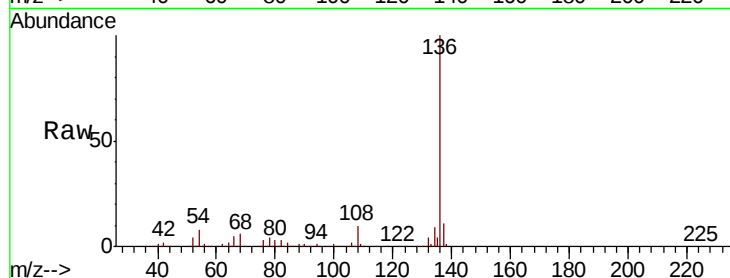
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 8.3 5.8 8.6

68 6.3 4.4 6.6

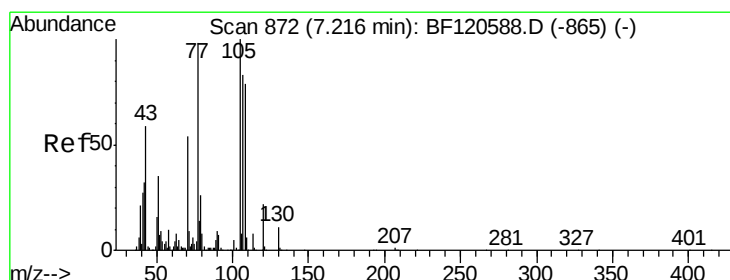
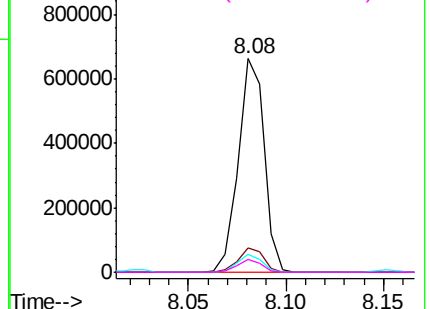
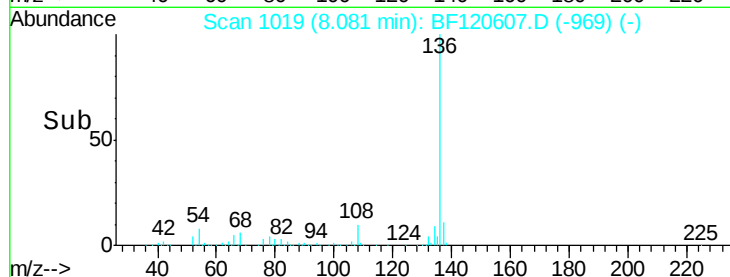


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.337 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Tgt Ion:105 Resp: 535908

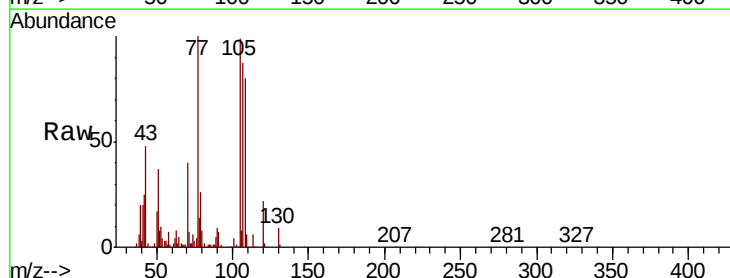
Ion Ratio Lower Upper

105 100

71 6.7 7.2 10.8#

51 37.2 27.8 41.8

120 22.3 18.0 27.0

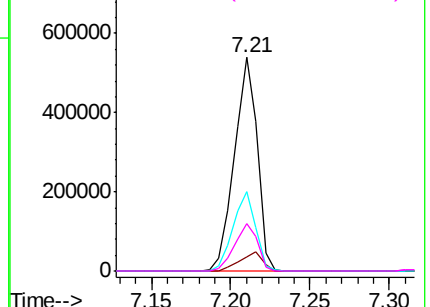
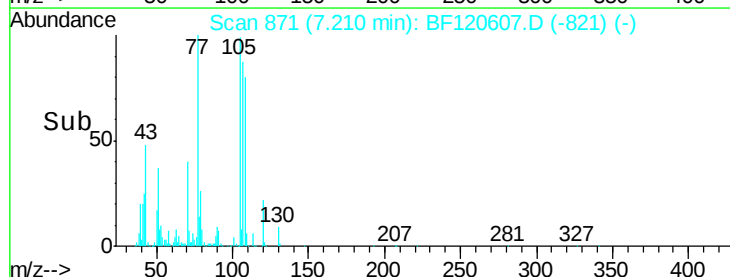


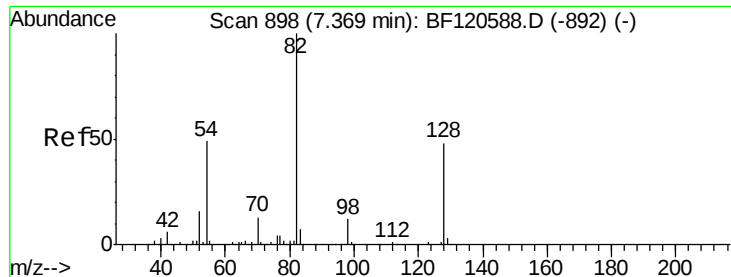
Abundance Ion 105.00 (104.70 to 105.70): E

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

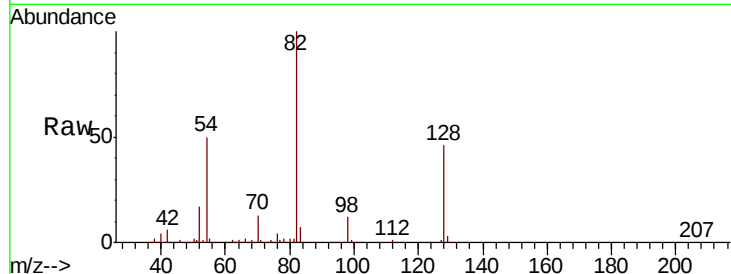




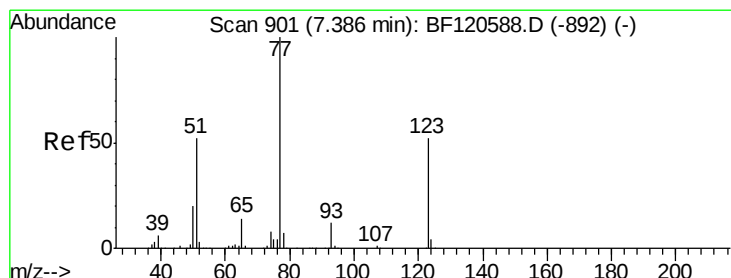
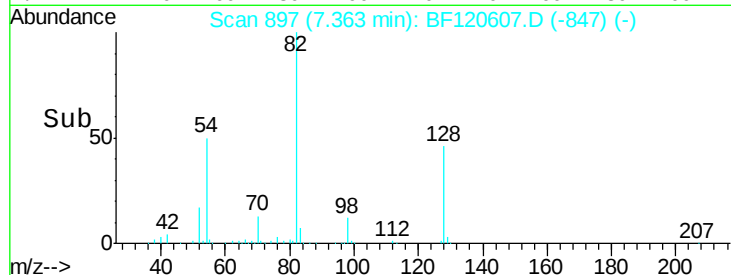
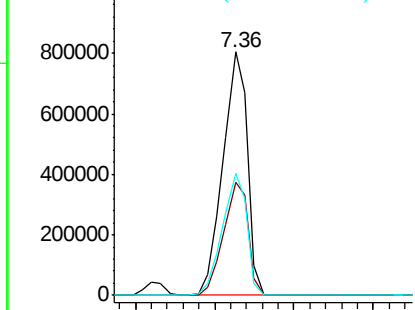
#23
Nitrobenzene-d5
Concen: 79.015 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	861401
Ion Ratio	Lower	Upper	
82	100		
128	46.3	38.0	57.0
54	50.2	38.8	58.2

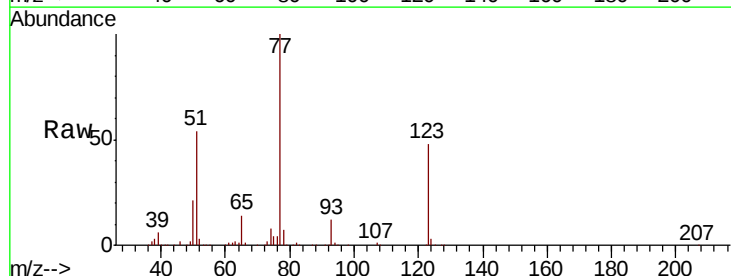


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

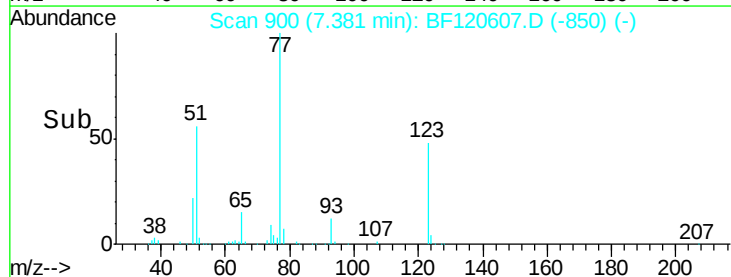
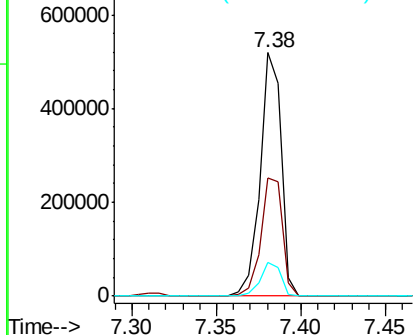


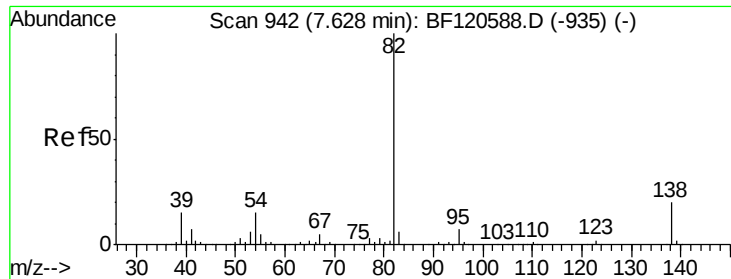
#24
Nitrobenzene
Concen: 39.563 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion	77	Resp	451349
Ion Ratio	Lower	Upper	
77	100		
123	48.3	41.4	62.0
65	14.0	11.0	16.4



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

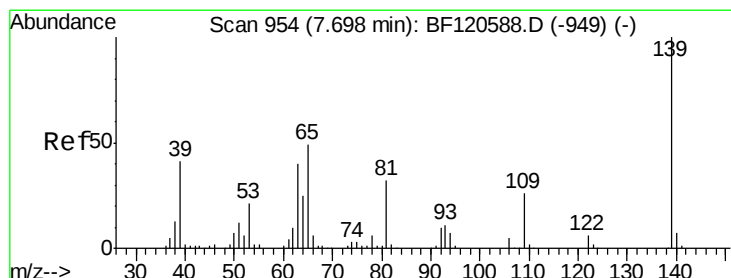
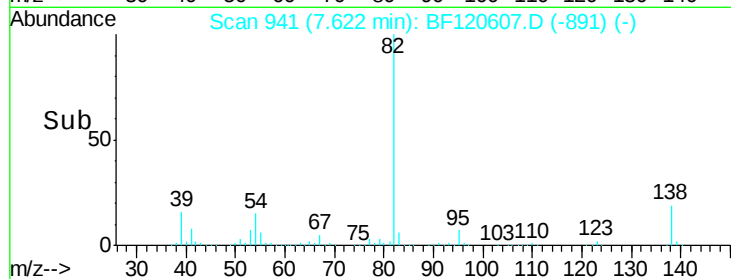
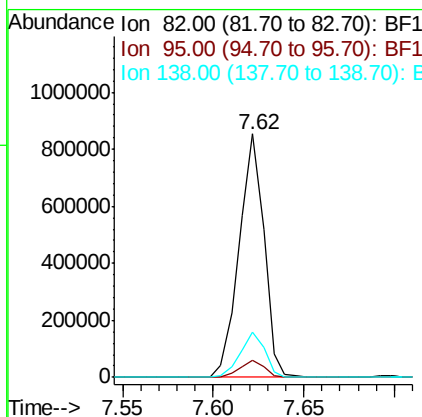
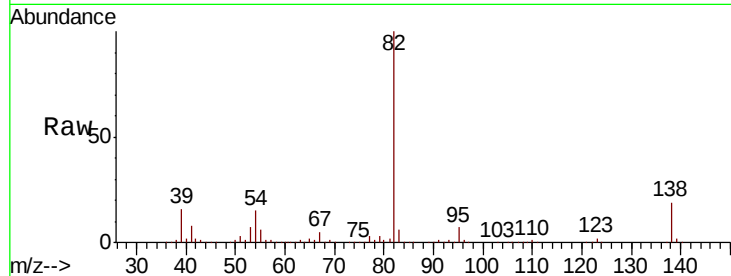




#25
Isophorone
Concen: 38.457 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

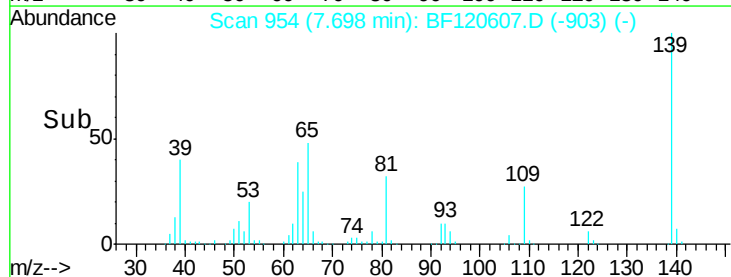
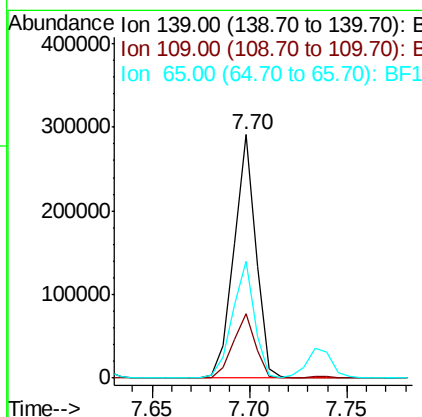
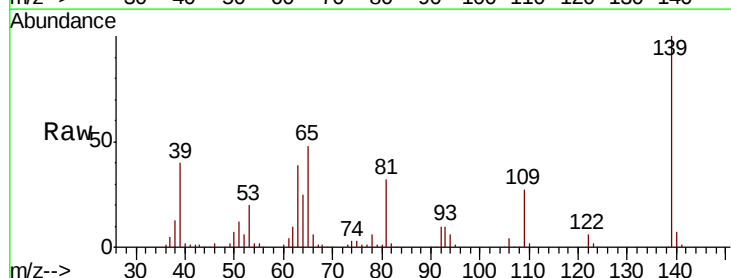
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

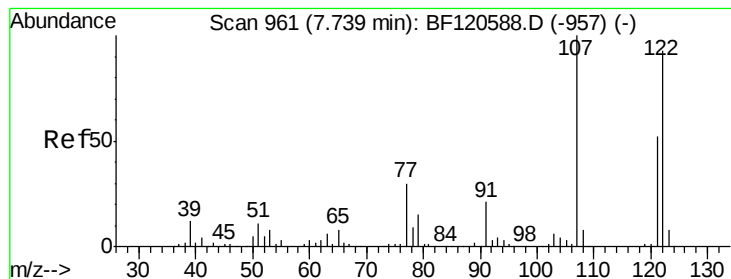
Tot Ion: 82 Resp: 816682
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 18.8 16.2 24.4



#26
2-Nitrophenol
Concen: 37.588 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion: 139 Resp: 226863
Ion Ratio Lower Upper
139 100
109 26.5 21.1 31.7
65 47.9 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 38.318 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

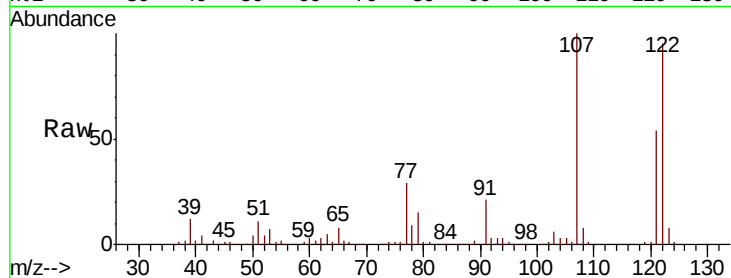
Tot Ion:122 Resp: 340514

Ion Ratio Lower Upper

122 100

107 104.8 86.4 129.6

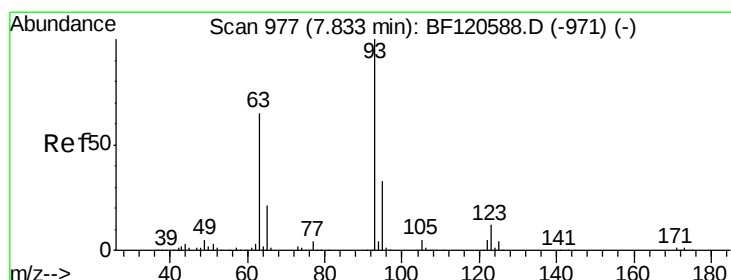
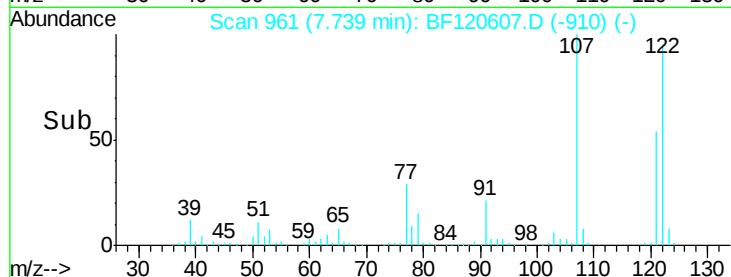
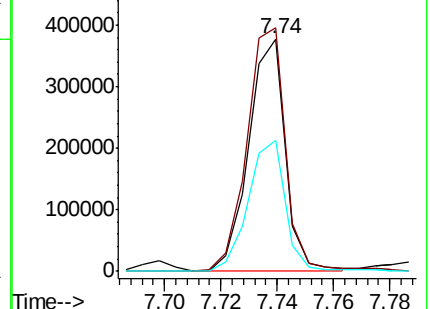
121 56.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.072 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

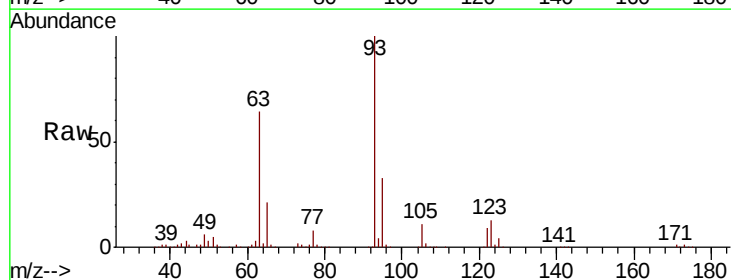
Tgt Ion: 93 Resp: 505594

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

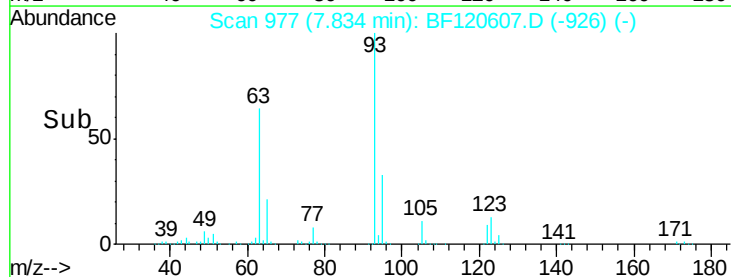
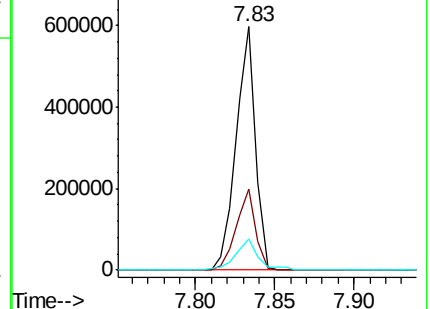
123 12.6 9.5 14.3

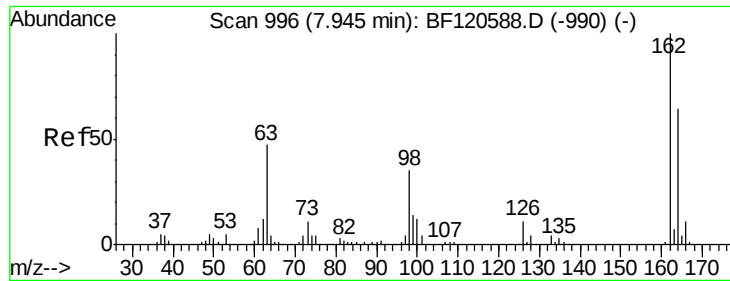


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

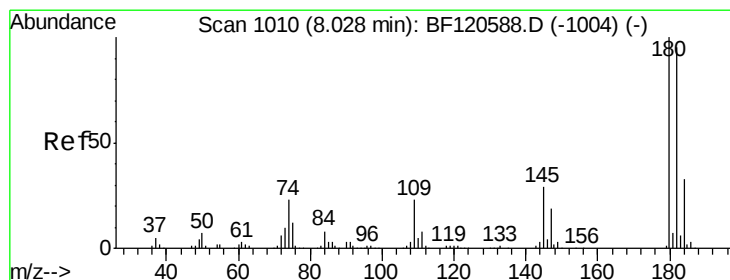
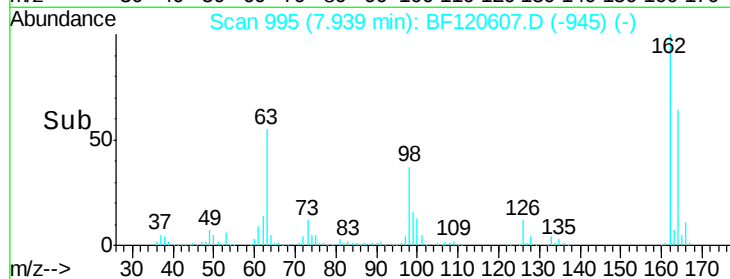
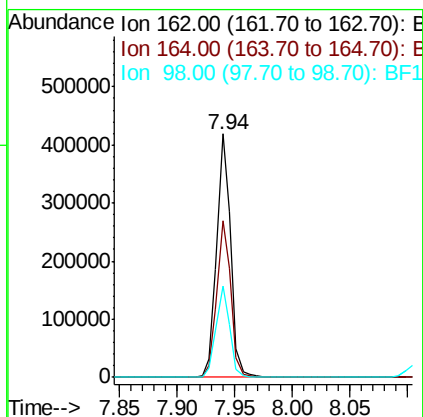
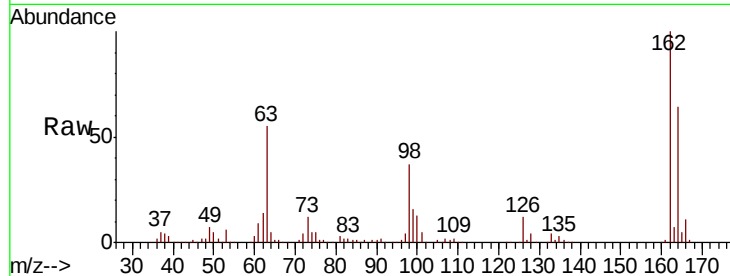




#29
 2,4-Dichlorophenol
 Concen: 38.978 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

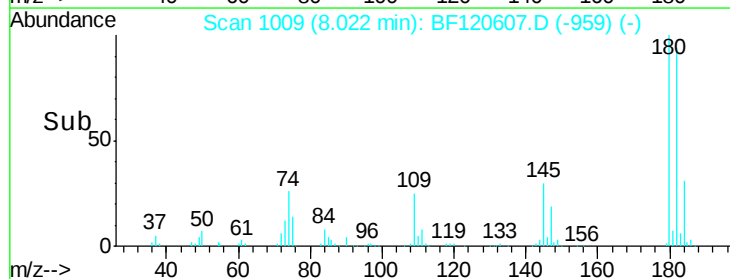
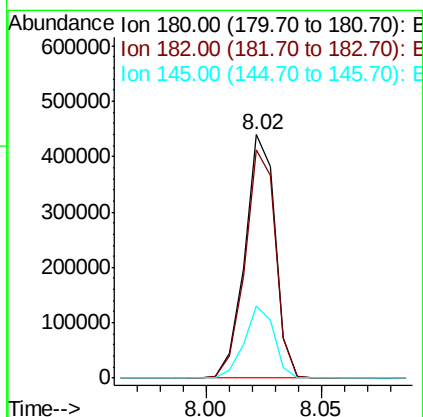
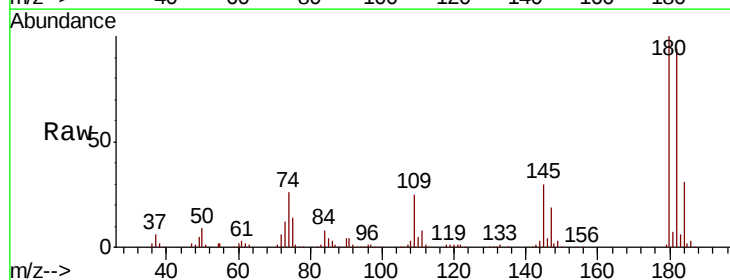
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

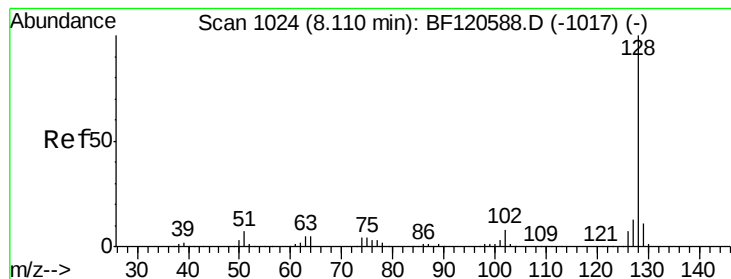
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.1	84.1
98	37.5	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 40.308 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	29.8	23.0	34.6





#31

Naphthalene

Concen: 41.031 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

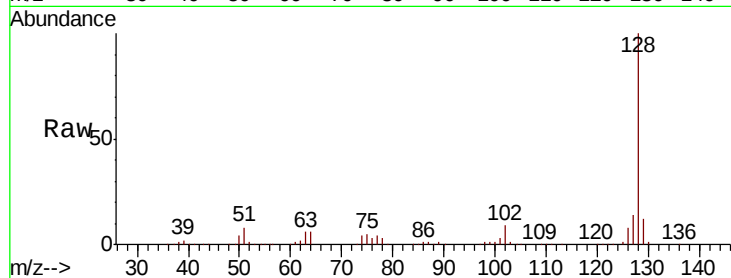
Tot Ion:128 Resp: 1227753

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

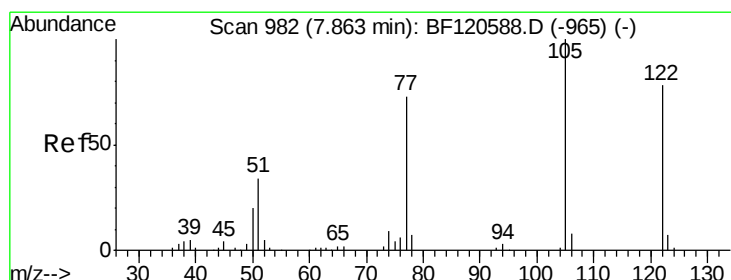
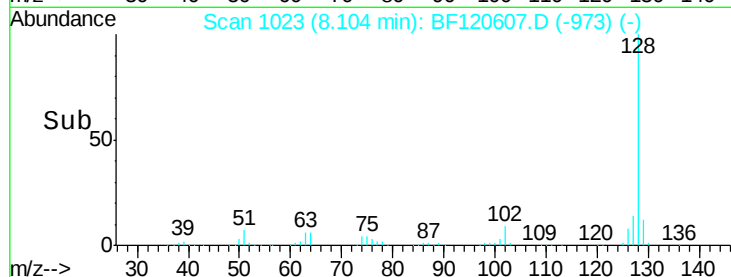
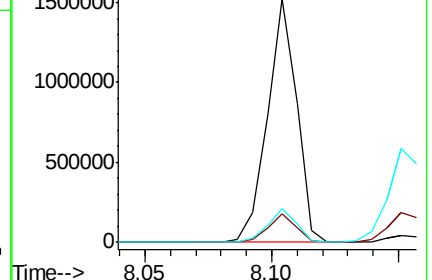
127 13.6 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.652 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

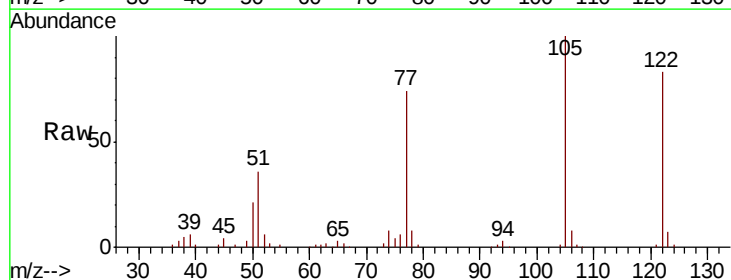
Tgt Ion:122 Resp: 256719

Ion Ratio Lower Upper

122 100

105 120.6 101.0 141.0

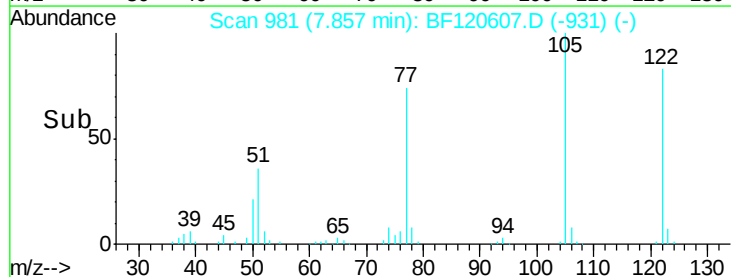
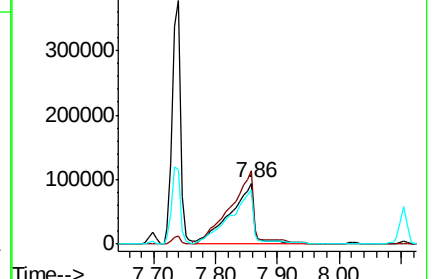
77 89.6 69.8 109.8

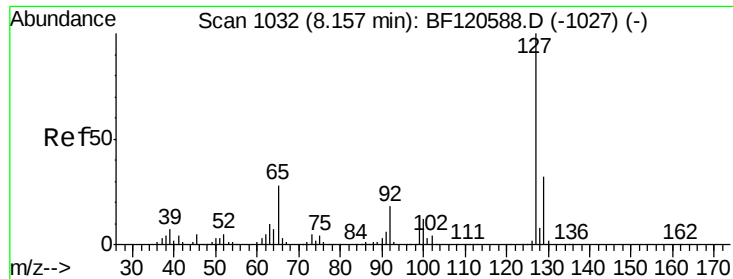


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

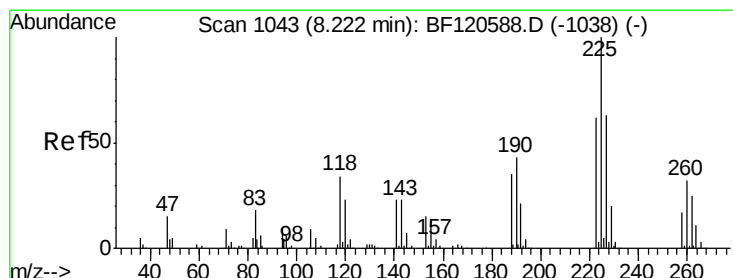
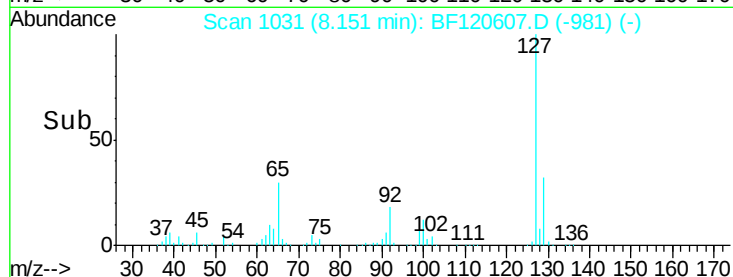
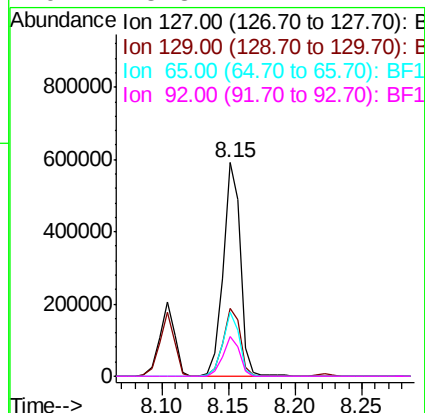
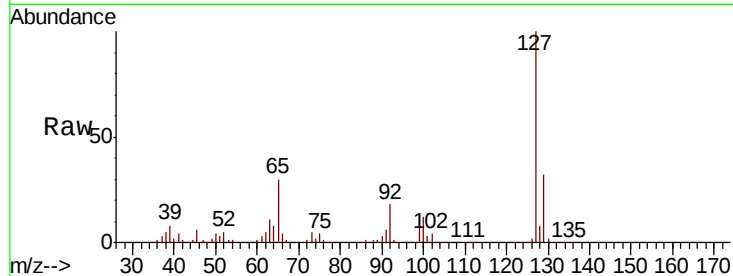




#33
4-Chloroaniline
Concen: 39.279 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

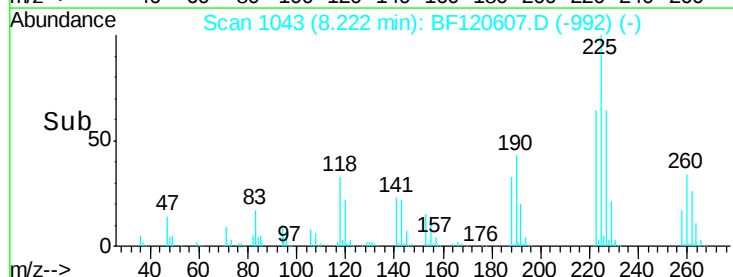
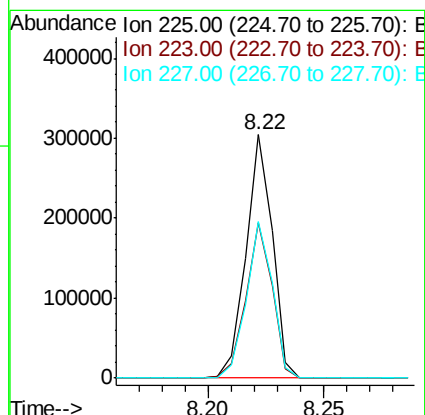
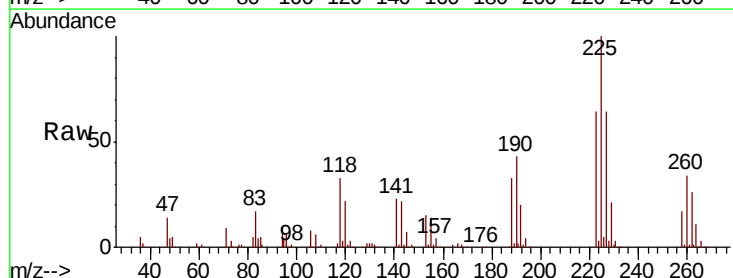
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

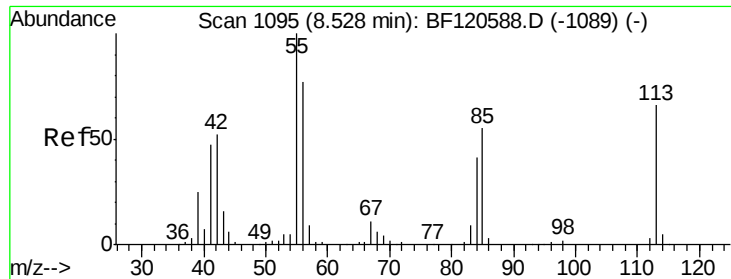
Tot Ion:	127	Resp:	539467
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	30.1	22.2	33.4
92	18.3	14.2	21.2



#34
Hexachlorobutadiene
Concen: 41.589 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion:	225	Resp:	242681
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.9	74.9
227	64.5	50.5	75.7

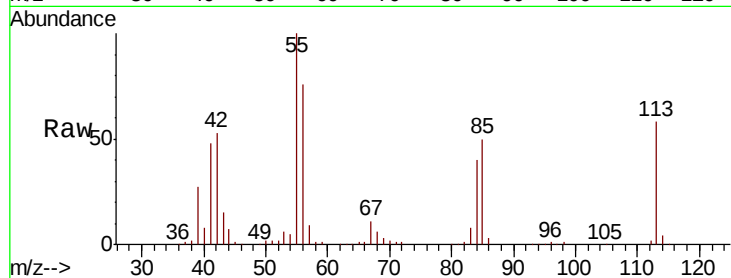




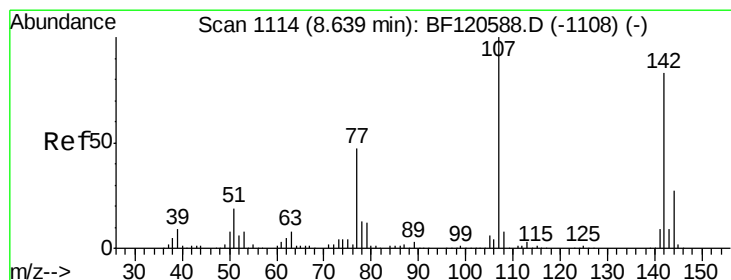
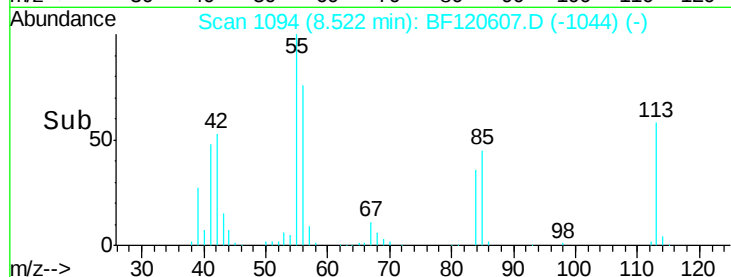
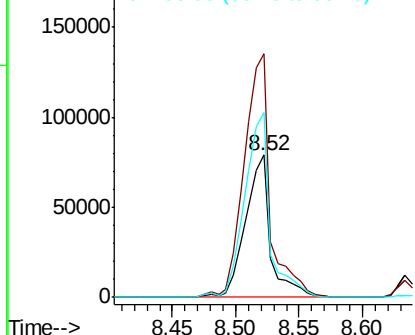
#35
Caprolactam
Concen: 37.516 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 108387
Ion Ratio Lower Upper
113 100
55 171.1 133.1 173.1
56 129.4 98.4 138.4

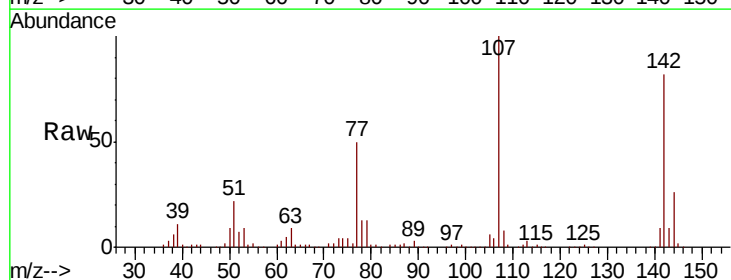


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

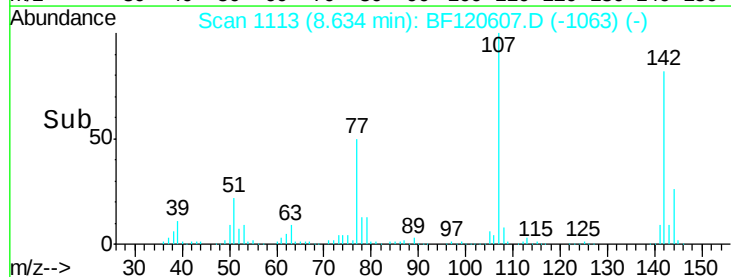
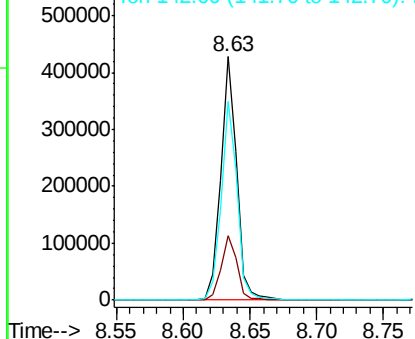


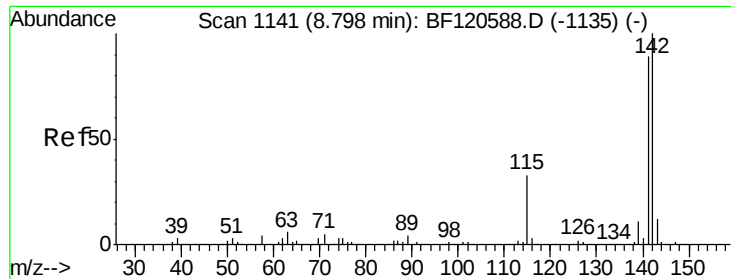
#36
4-Chloro-3-methylphenol
Concen: 40.120 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion:107 Resp: 362073
Ion Ratio Lower Upper
107 100
144 26.4 21.4 32.2
142 81.6 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

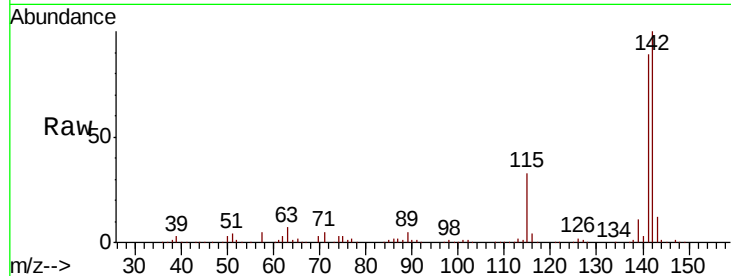




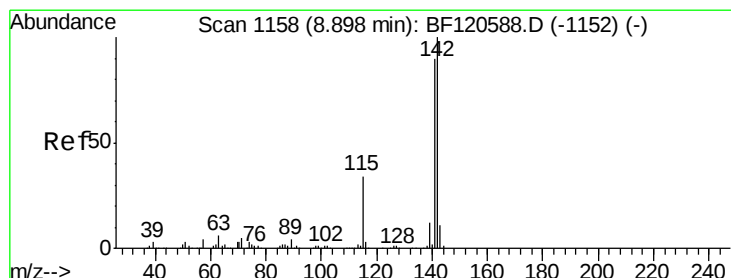
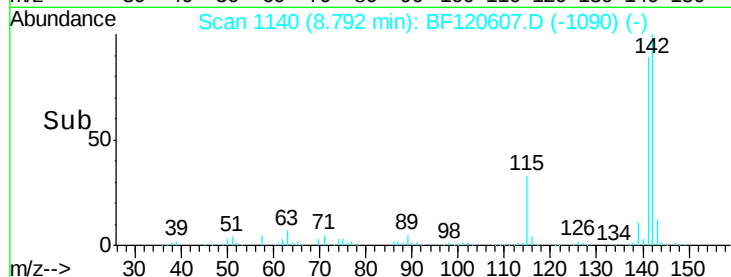
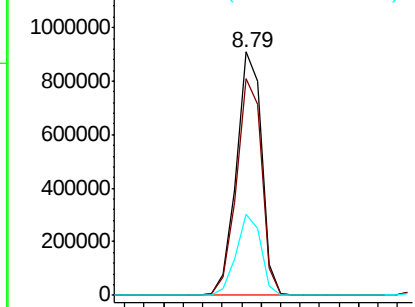
#37
2-Methylnaphthalene
Concen: 41.768 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 815880
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0
115 33.4 26.1 39.1

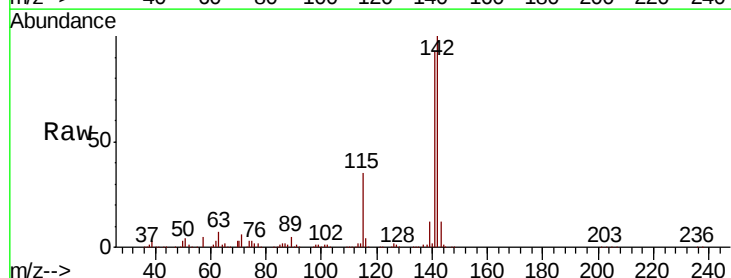


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

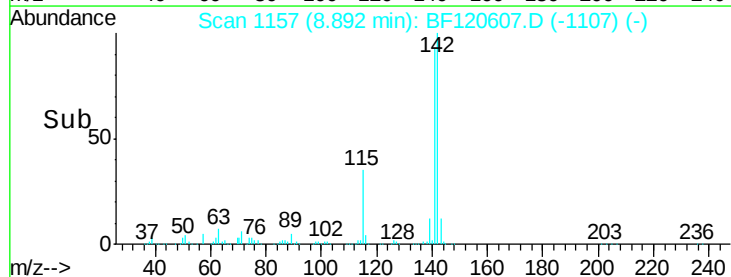
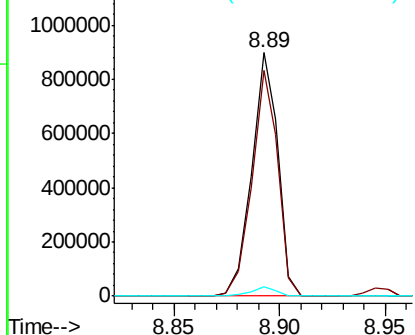


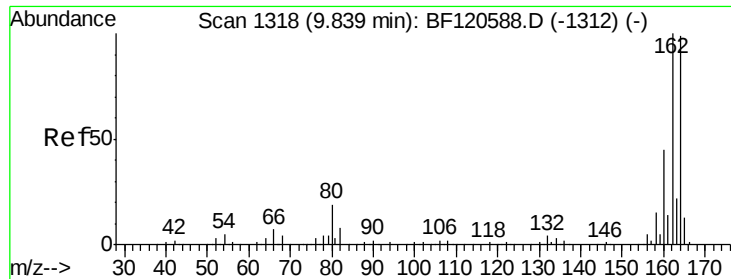
#38
1-Methylnaphthalene
Concen: 41.951 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion:142 Resp: 771090
Ion Ratio Lower Upper
142 100
141 92.6 72.1 108.1
116 3.7 2.7 4.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

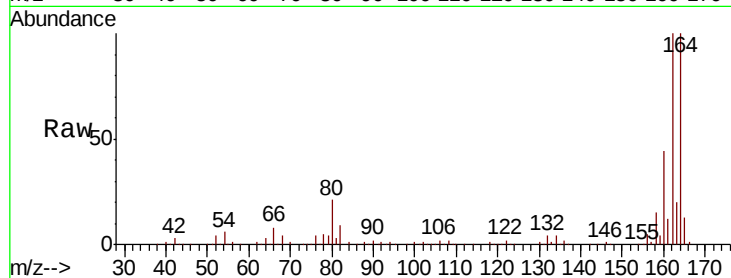




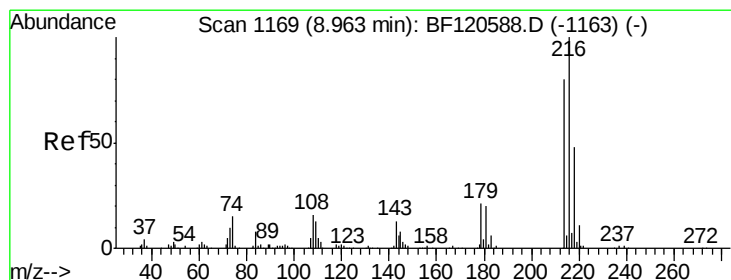
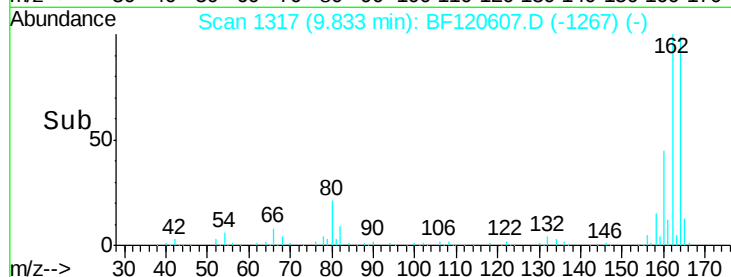
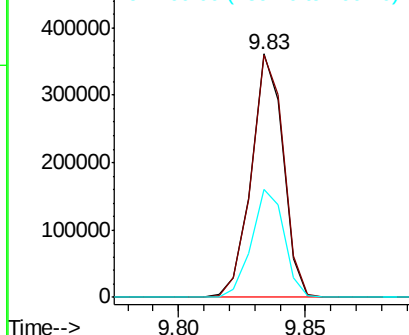
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 315981
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 44.3 36.2 54.2

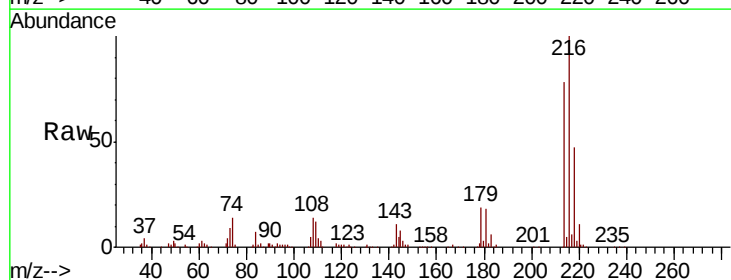


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

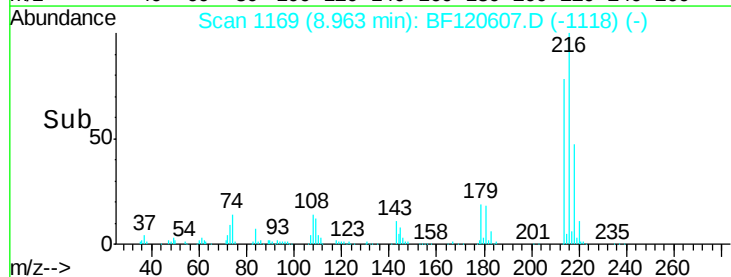
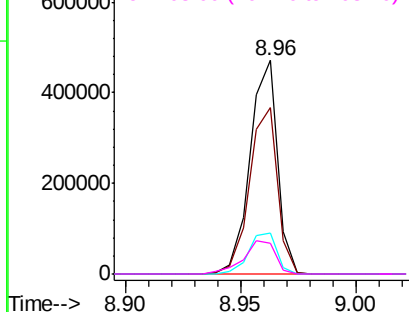


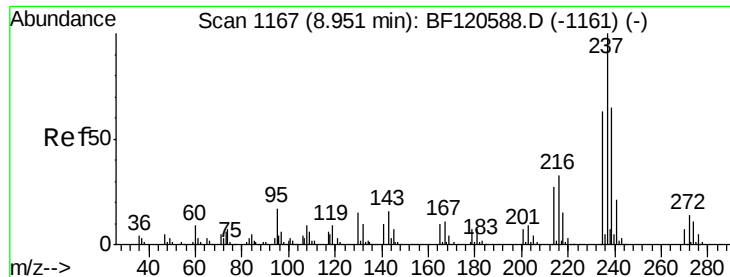
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.550 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion:216 Resp: 392024
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 20.2 16.4 24.6
108 18.0 13.8 20.8



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: 40.518 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

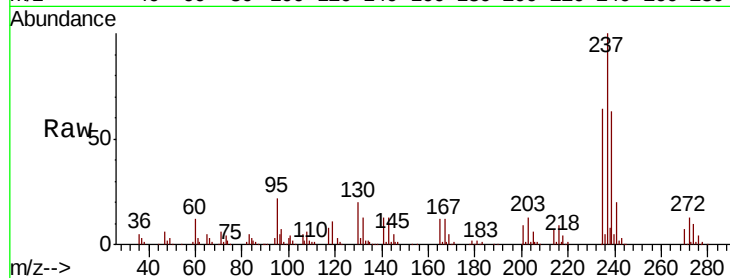
Tot Ion:237 Resp: 214223

Ion Ratio Lower Upper

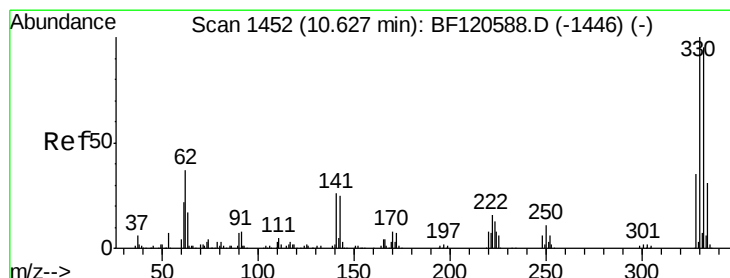
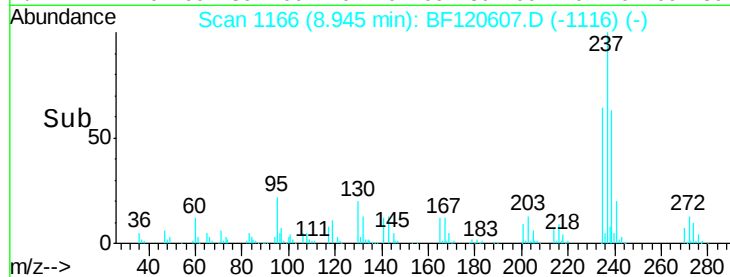
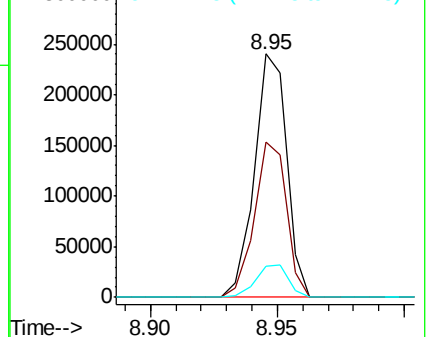
237 100

235 63.8 43.2 83.2

272 13.0 0.0 33.9



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: 79.675 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

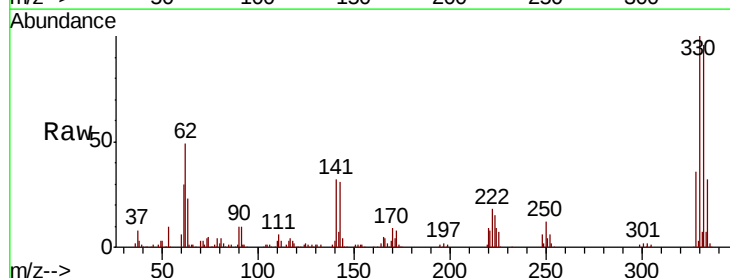
Tgt Ion:330 Resp: 292703

Ion Ratio Lower Upper

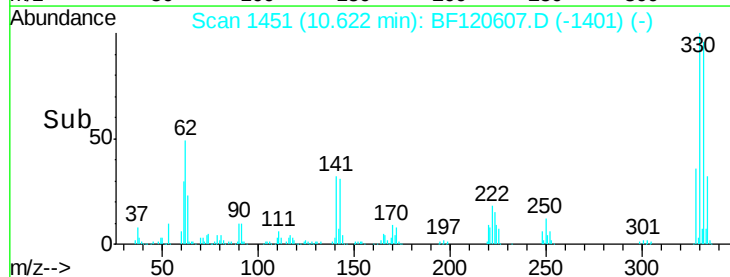
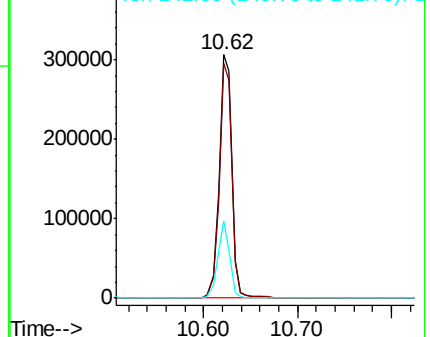
330 100

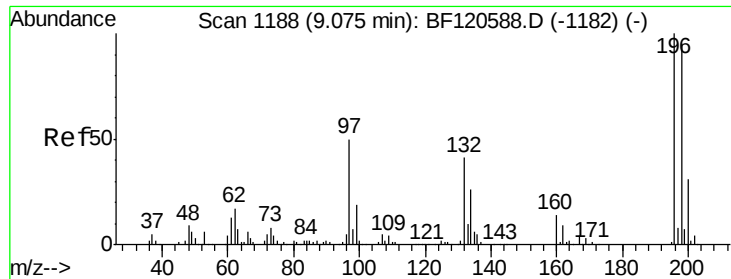
332 95.0 76.8 115.2

141 30.0 23.2 34.8



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

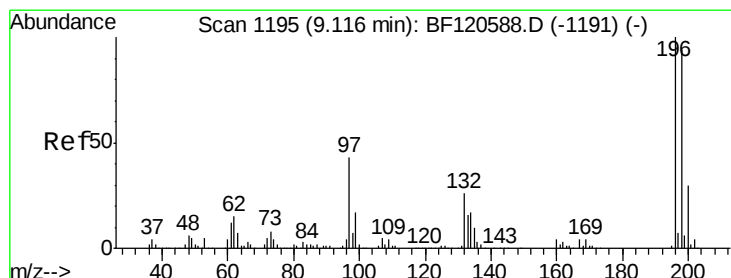
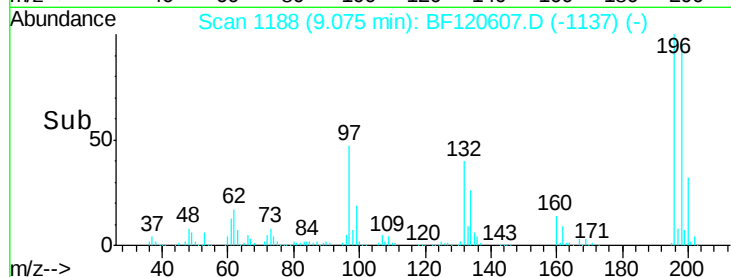
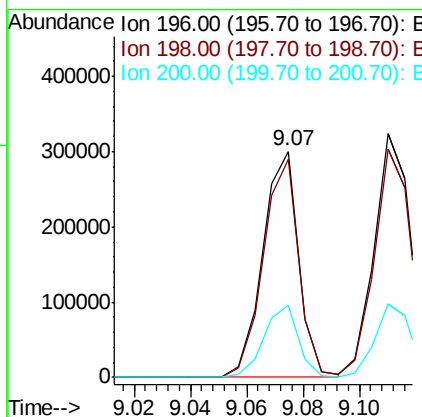
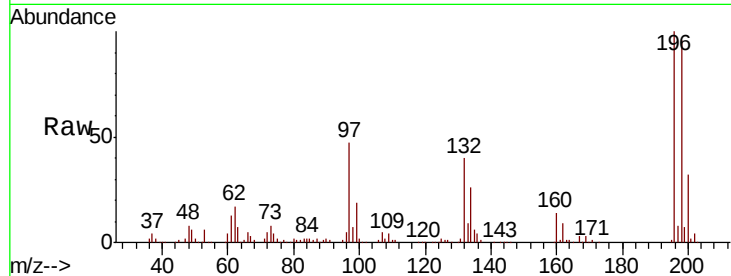




#43
 2,4,6-Trichlorophenol
 Concen: 39.502 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

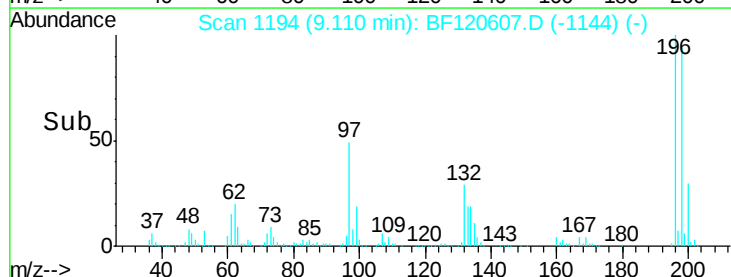
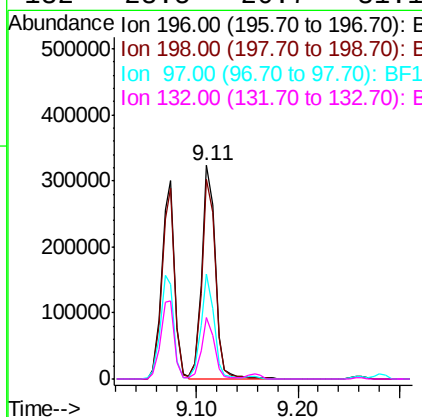
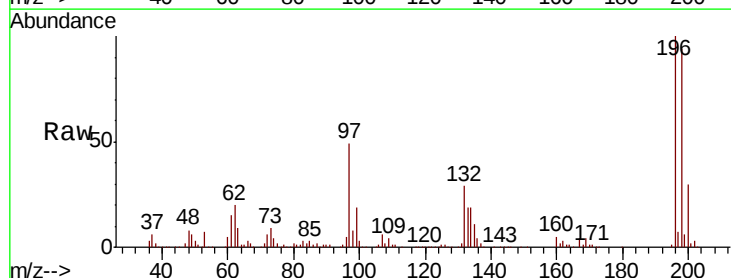
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

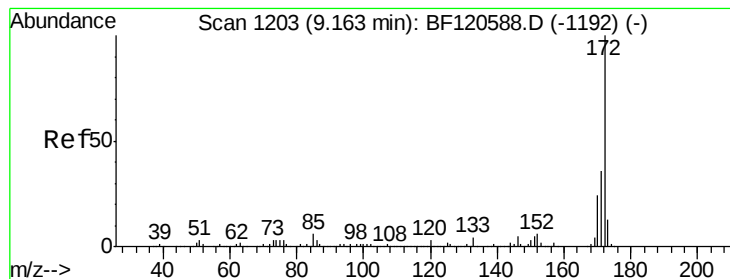
Tot Ion:196 Resp: 264380
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.2 114.2
 200 31.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.949 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Tgt Ion:196 Resp: 303336
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.5 113.3
 97 49.4 34.4 51.6
 132 28.5 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 77.045 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

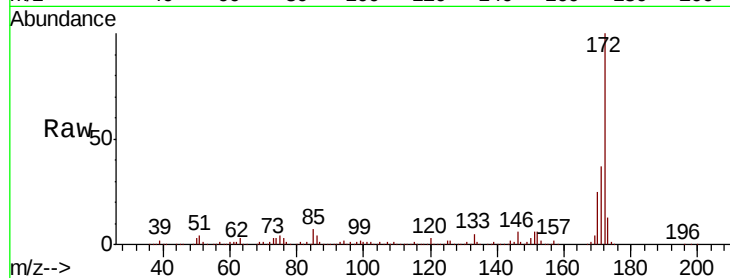
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 1591177

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.7	19.4	29.2

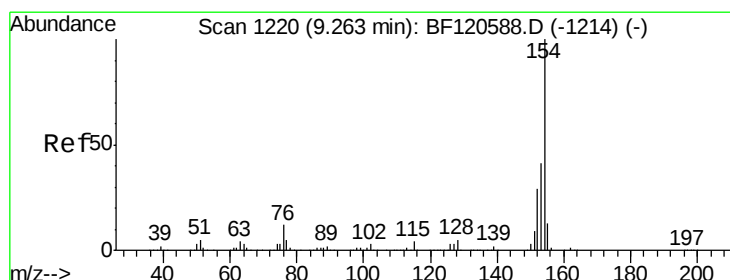
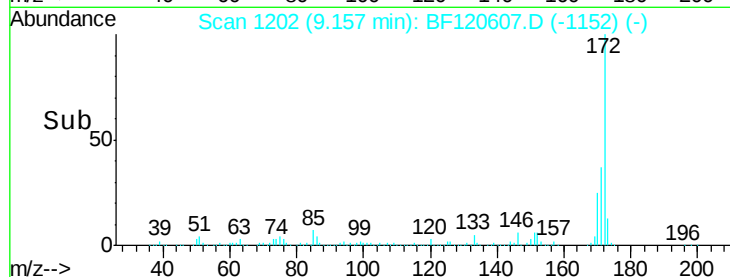
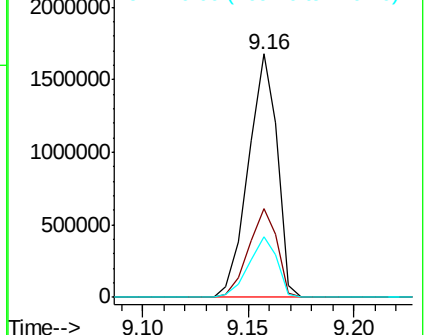


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.270 ng

RT: 9.26 min Scan# 1219

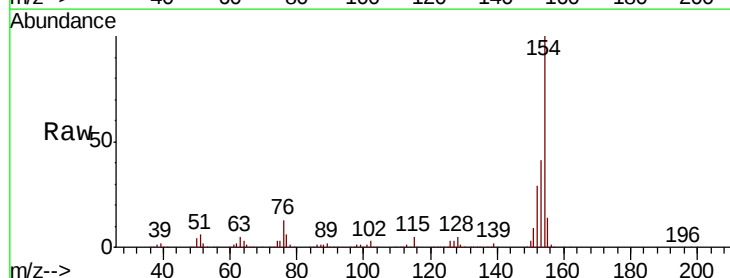
Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Tgt Ion:154 Resp: 973744

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.4	61.4
76	12.8	0.0	31.6

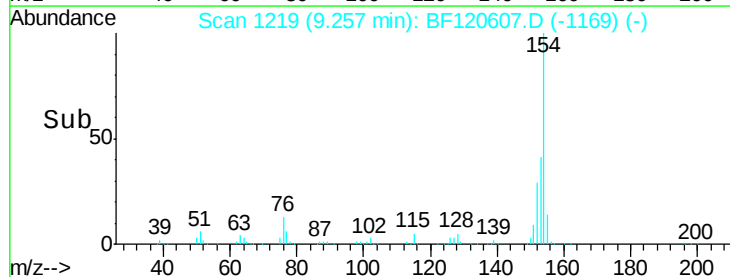
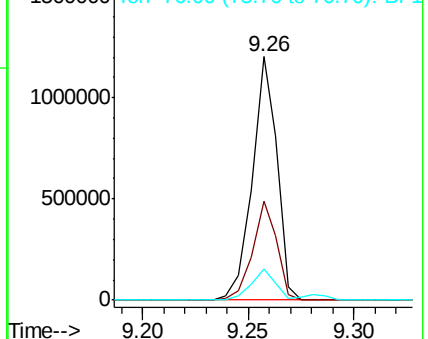


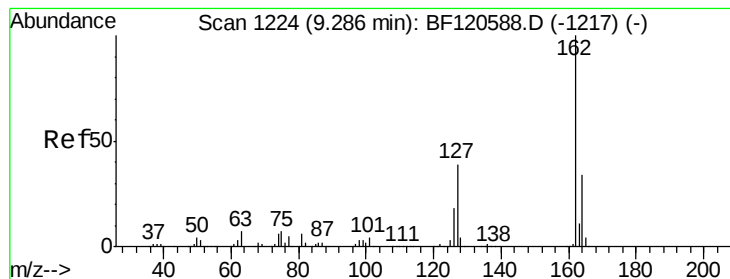
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.488 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

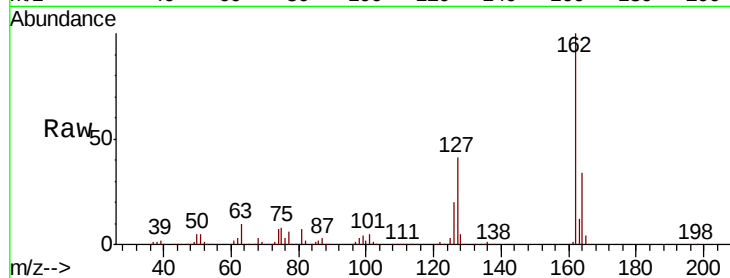
Tot Ion:162 Resp: 781173

Ion Ratio Lower Upper

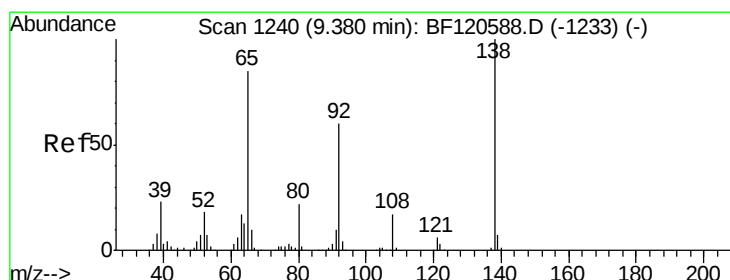
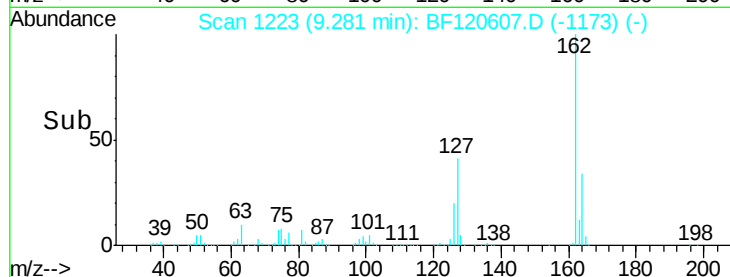
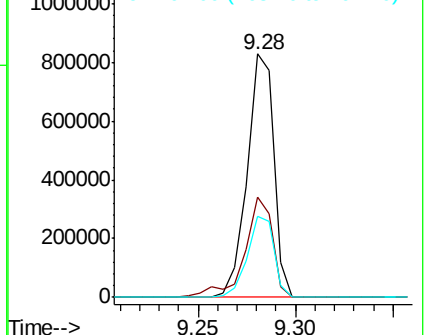
162 100

127 41.1 31.3 46.9

164 33.5 26.9 40.3



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



#48

2-Nitroaniline

Concen: 40.489 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

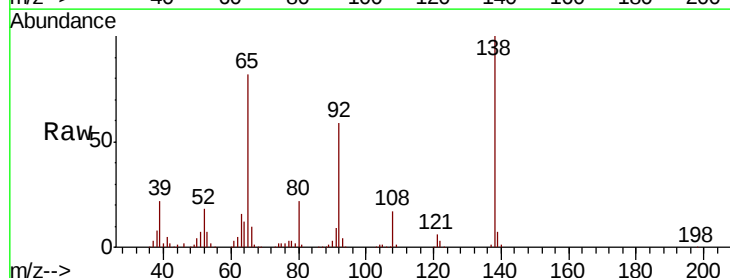
Tgt Ion: 65 Resp: 245354

Ion Ratio Lower Upper

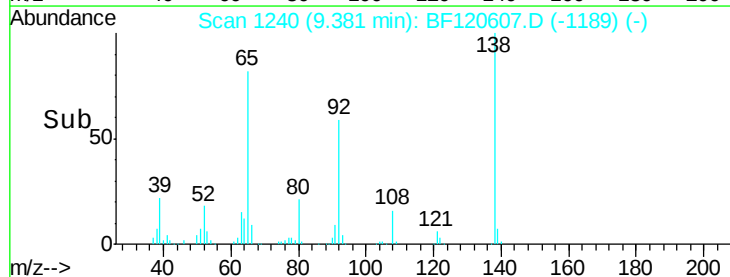
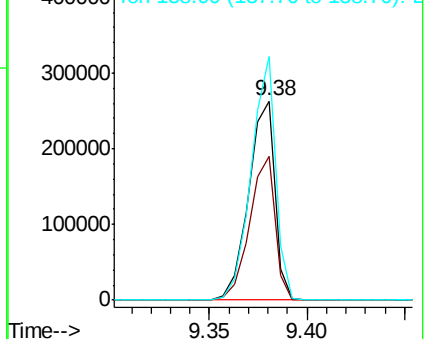
65 100

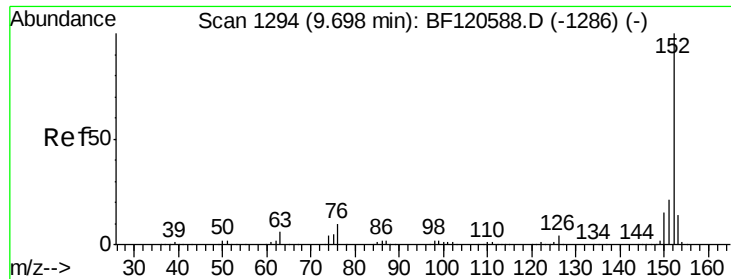
92 72.4 56.0 84.0

138 122.2 94.0 141.0



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





#49

Acenaphthylene

Concen: 40.364 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

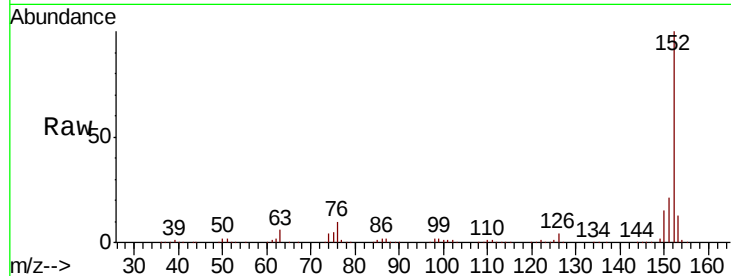
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1201900

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0
153	13.4	11.0	16.6

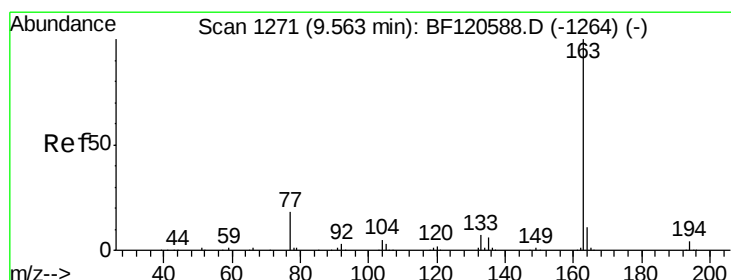
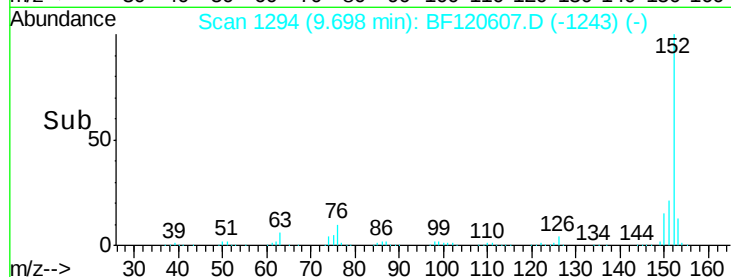
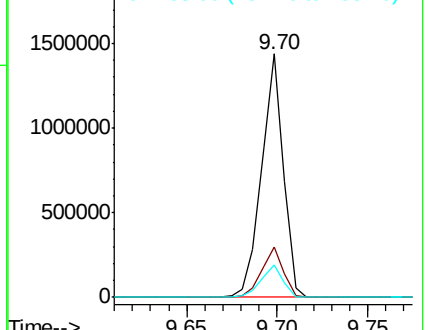


Abundance

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: 38.923 ng

RT: 9.56 min Scan# 1271

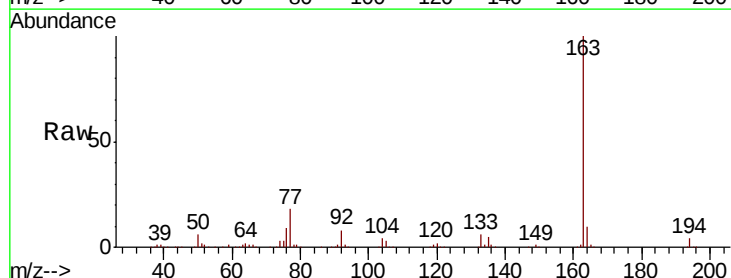
Delta R.T. 0.00 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Tgt Ion:163 Resp: 885763

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.9	8.5	12.7

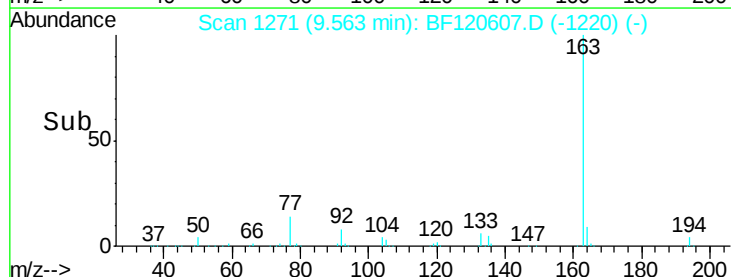
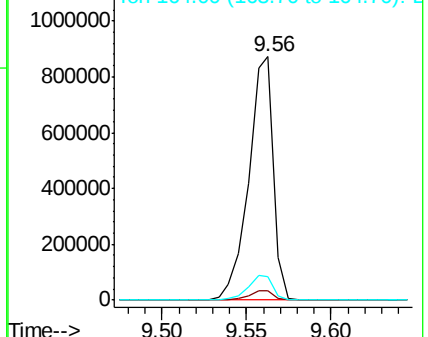


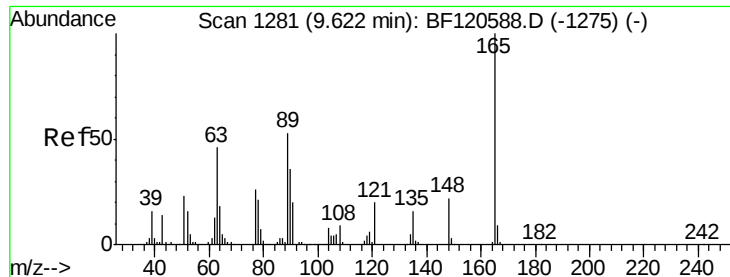
Abundance

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

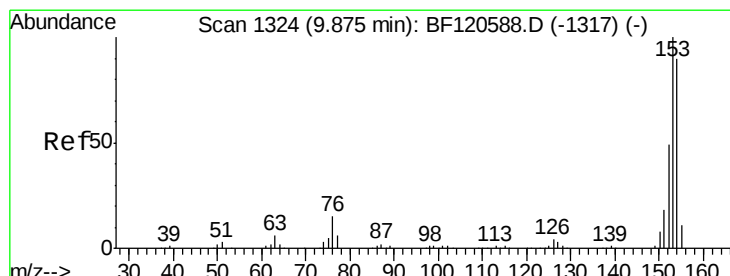
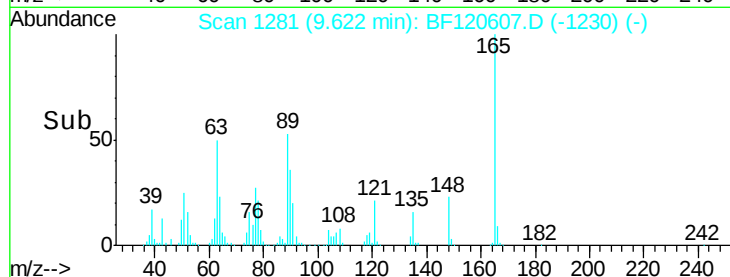
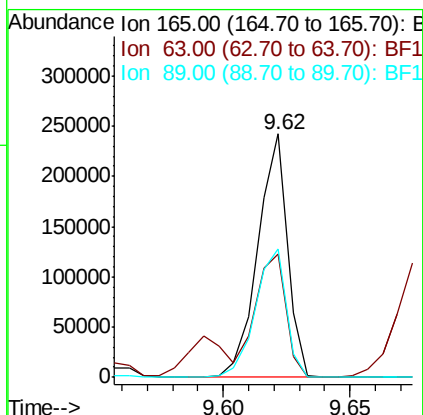
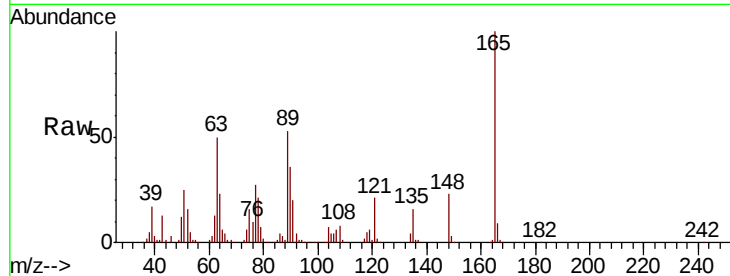




#51
 2,6-Dinitrotoluene
 Concen: 38.456 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

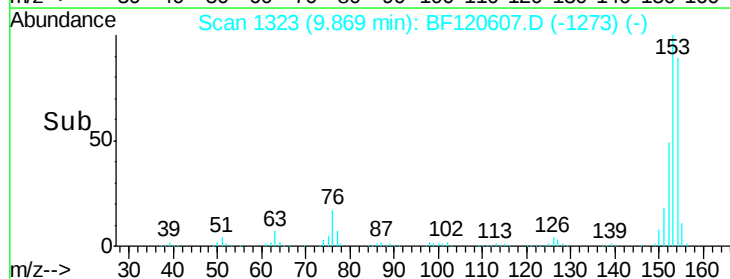
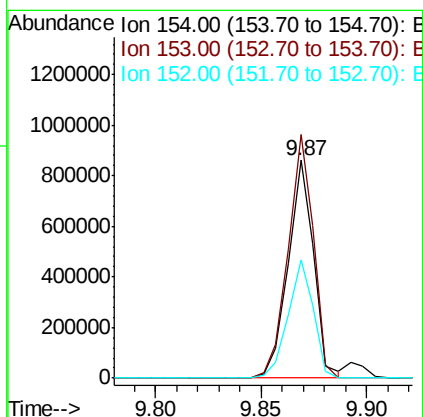
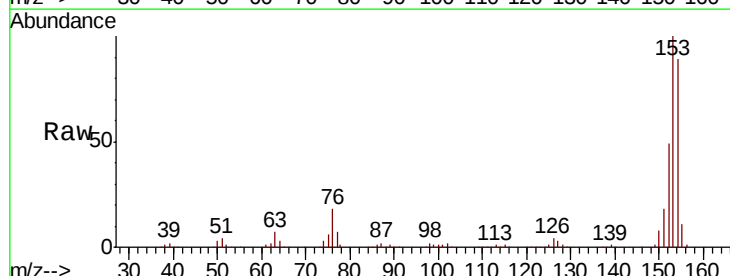
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

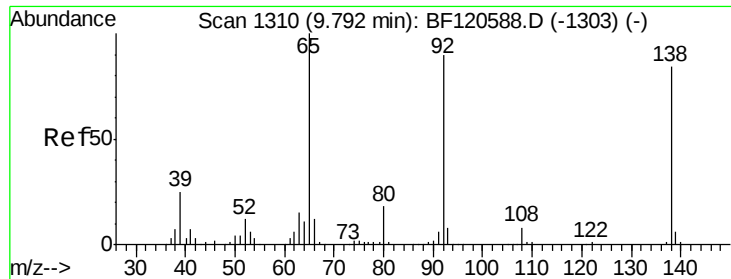
Tot Ion:165 Resp: 198331
 Ion Ratio Lower Upper
 165 100
 63 50.4 41.7 62.5
 89 52.7 42.6 64.0



#52
 Acenaphthene
 Concen: 41.027 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Tgt Ion:154 Resp: 728606
 Ion Ratio Lower Upper
 154 100
 153 111.9 89.1 133.7
 152 54.4 43.7 65.5

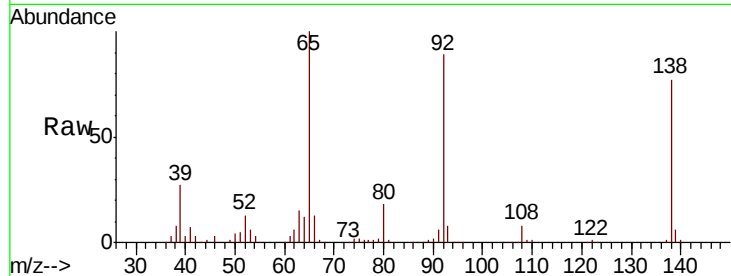




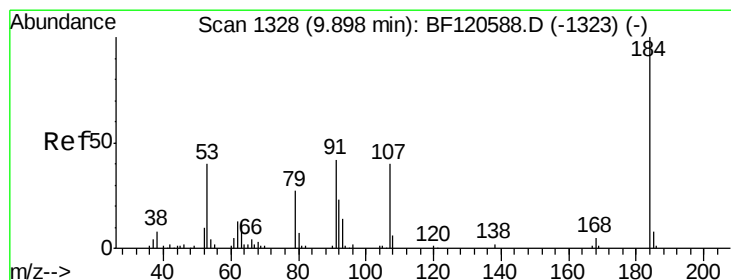
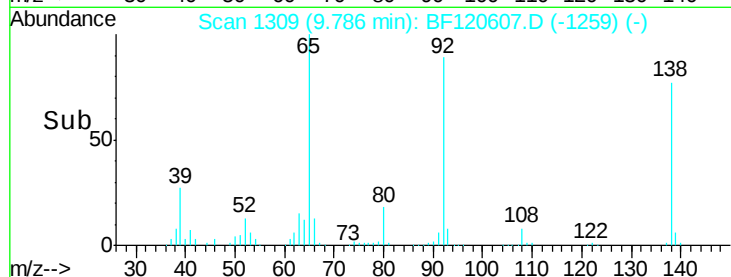
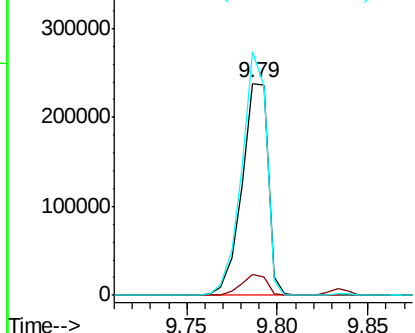
#53
3-Nitroaniline
Concen: 38.379 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 237739
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 114.8 86.0 129.0

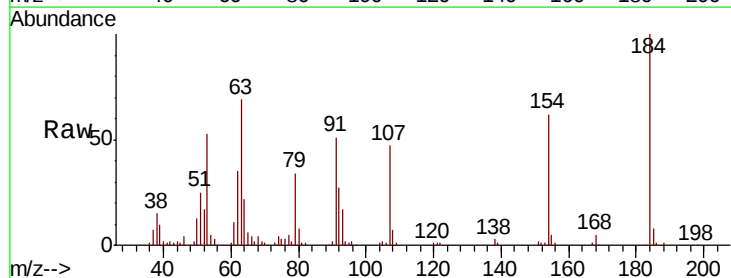


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

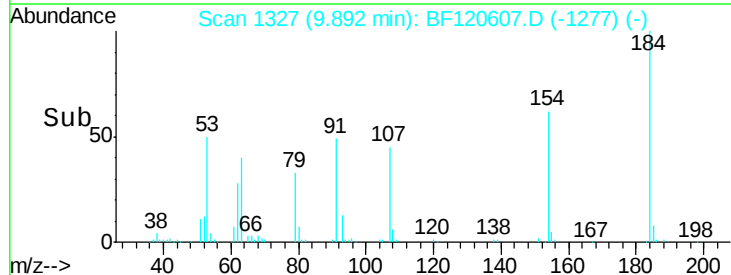
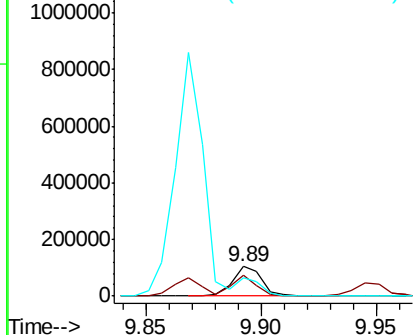


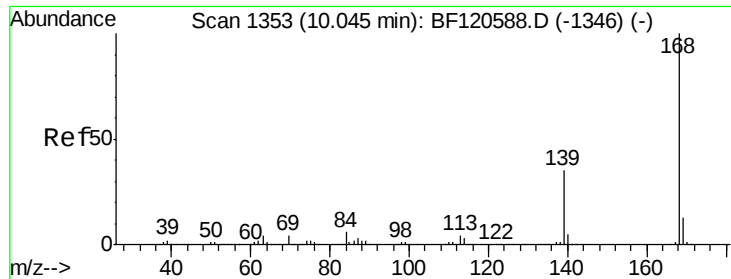
#54
2,4-Dinitrophenol
Concen: 32.609 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion:184 Resp: 92954
Ion Ratio Lower Upper
184 100
63 69.1 44.2 66.2#
154 61.9 45.9 68.9



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

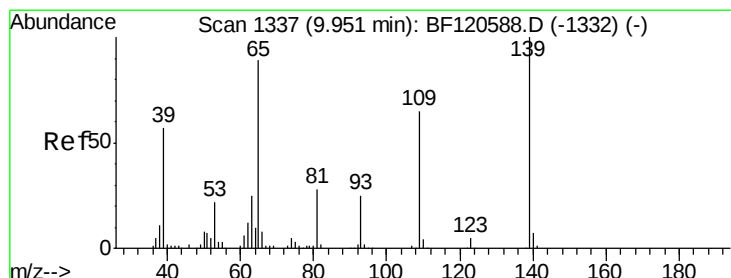
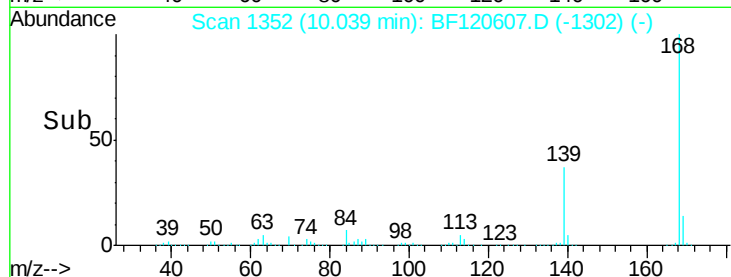
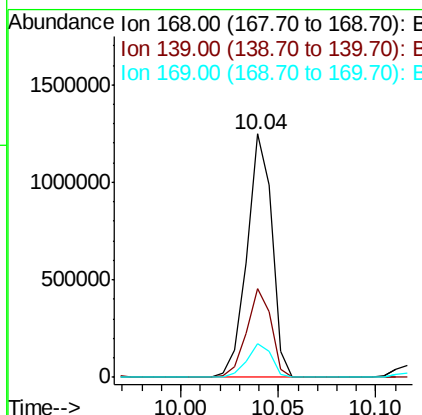
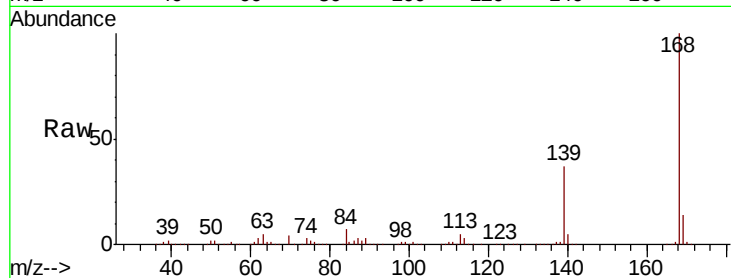




#55
Dibenzofuran
Concen: 40.456 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

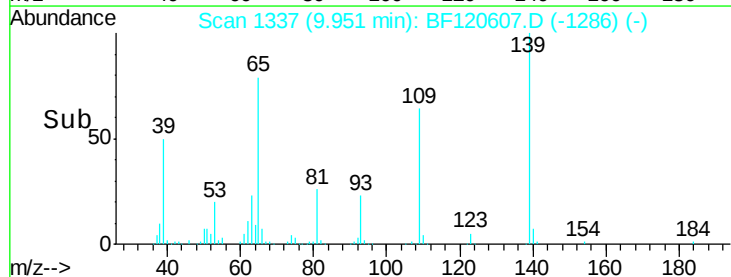
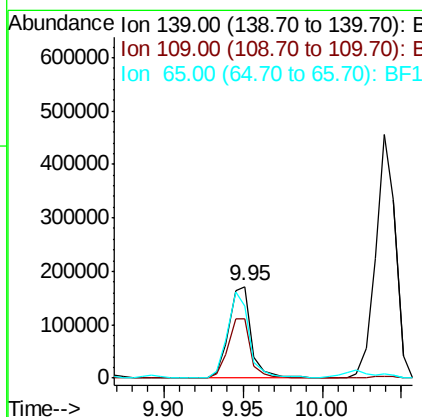
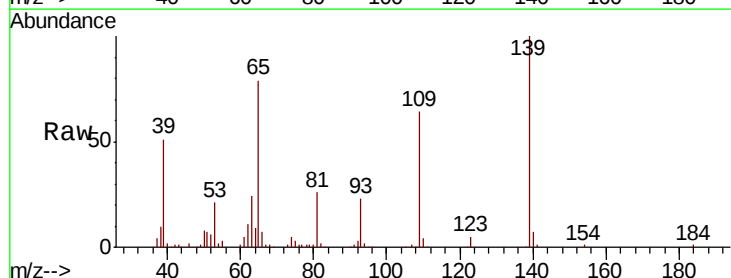
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

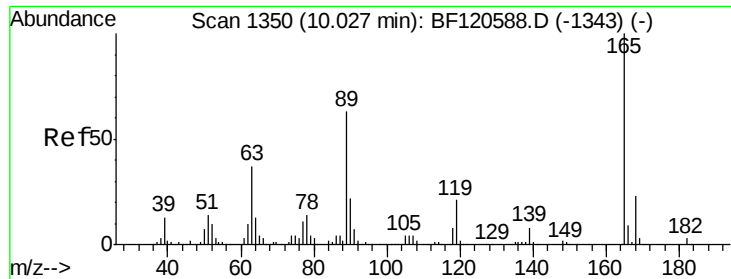
Tot Ion:168 Resp: 1101619
Ion Ratio Lower Upper
168 100
139 36.5 28.1 42.1
169 13.9 10.6 16.0



#56
4-Nitrophenol
Concen: 36.555 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion:139 Resp: 170543
Ion Ratio Lower Upper
139 100
109 63.9 44.6 84.6
65 79.1 69.2 109.2

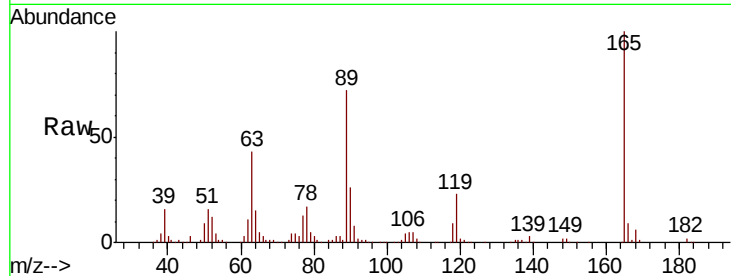




#57
2,4-Dinitrotoluene
Concen: 38.382 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.1	29.8	44.8
89	71.7	50.4	75.6
182	2.4	2.1	3.1

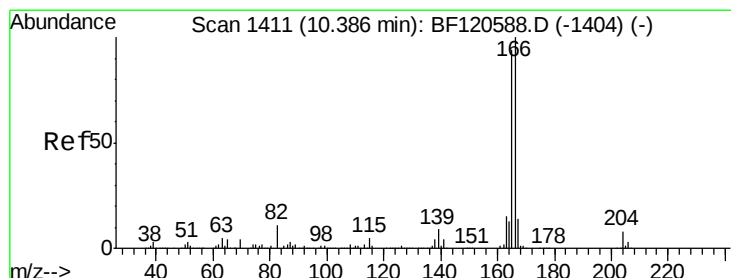
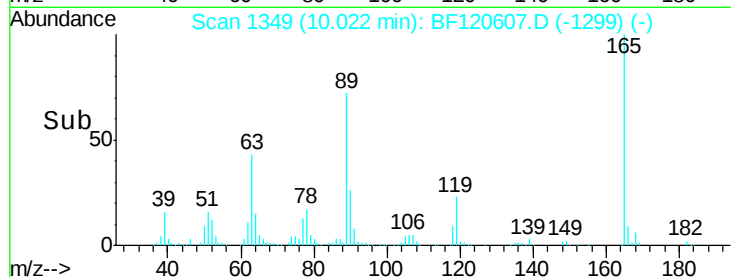
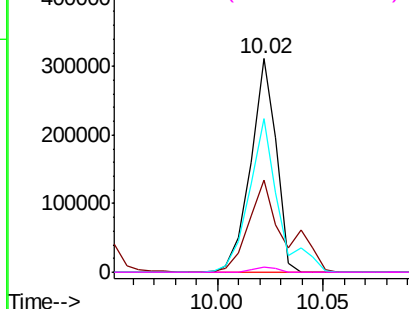


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

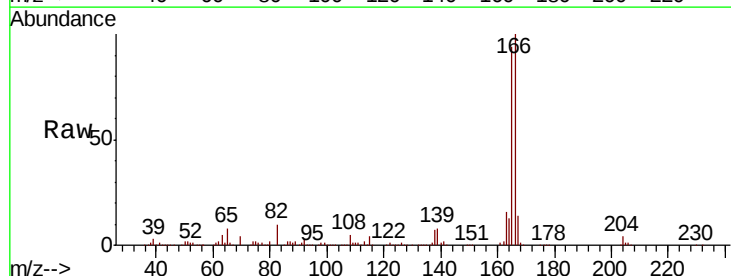
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.359 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

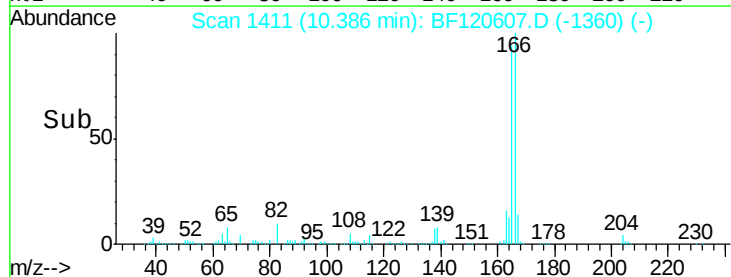
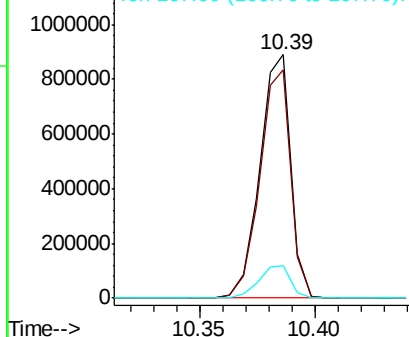
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	75.0	112.6
167	13.5	11.0	16.4

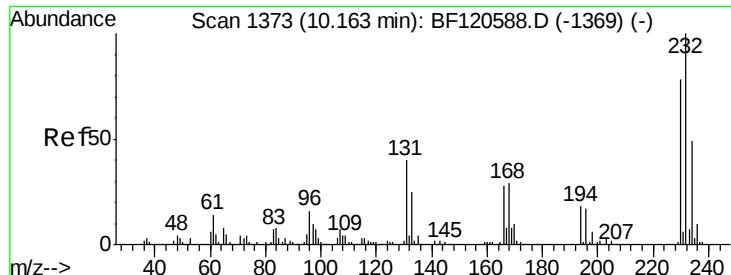


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

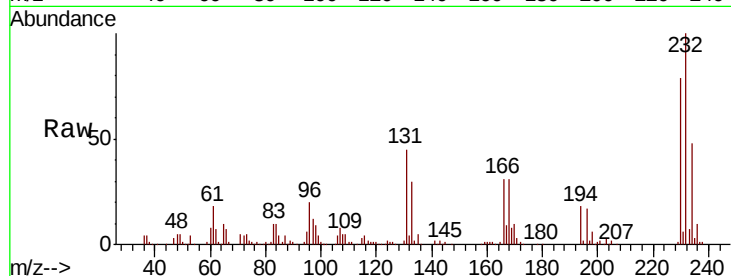




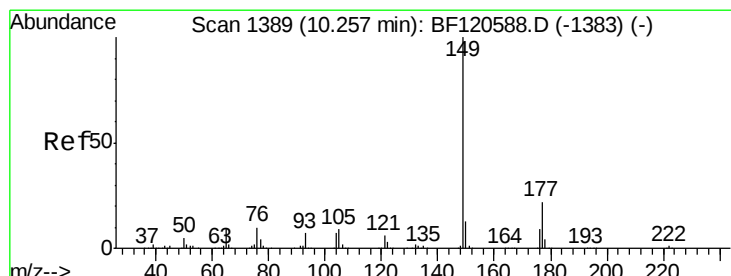
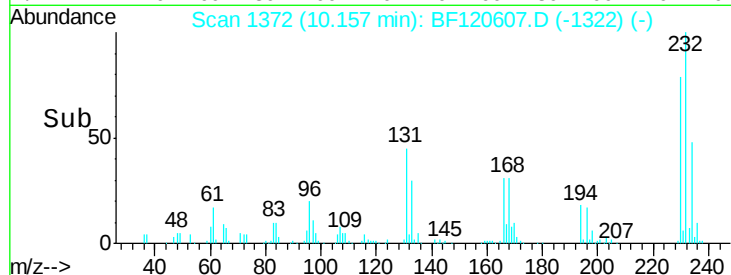
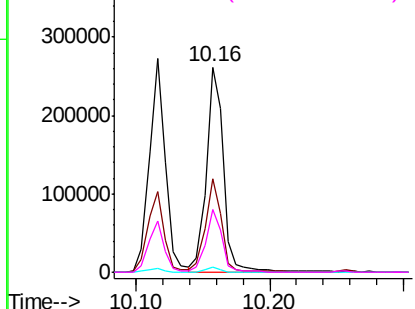
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.793 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	231738
Ion	Ratio	Lower	Upper
232	100		
131	44.2	33.5	50.3
130	2.2	1.5	2.3
166	29.0	23.4	35.0

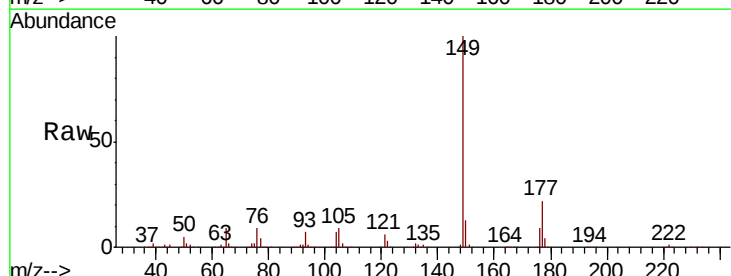


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

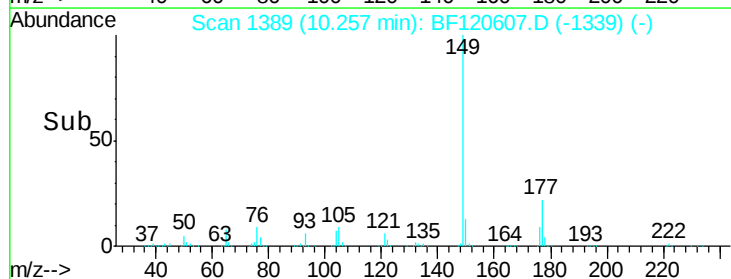
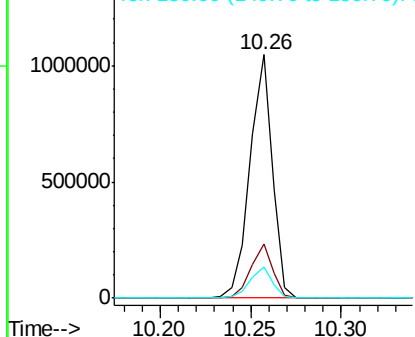


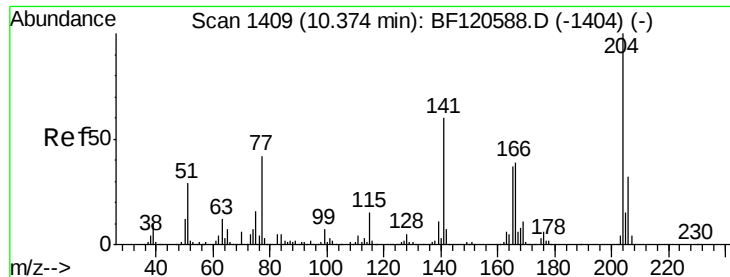
#60
 Diethylphthalate
 Concen: 40.100 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Tgt Ion:	149	Resp:	898768
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	12.6	10.3	15.5



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

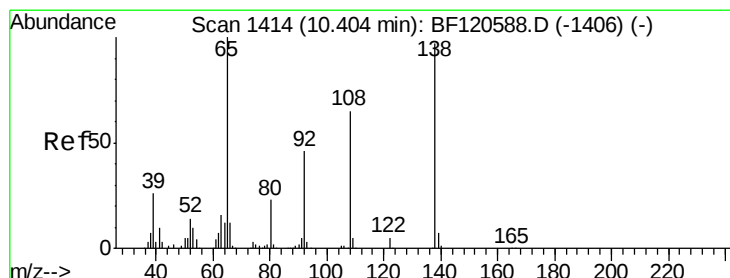
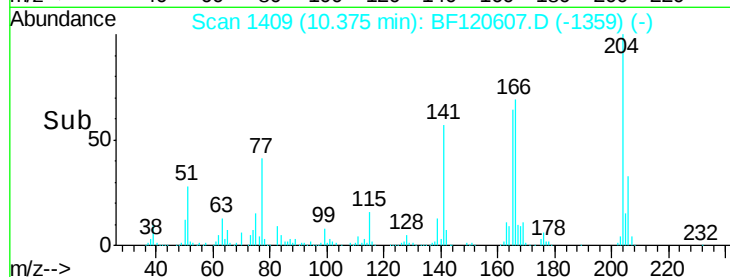
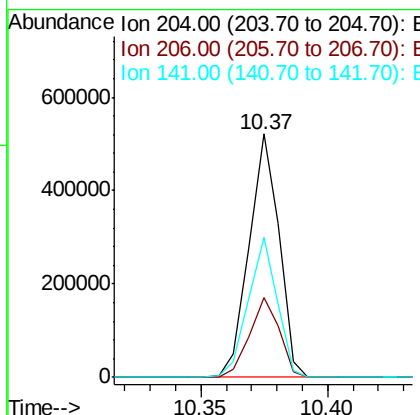
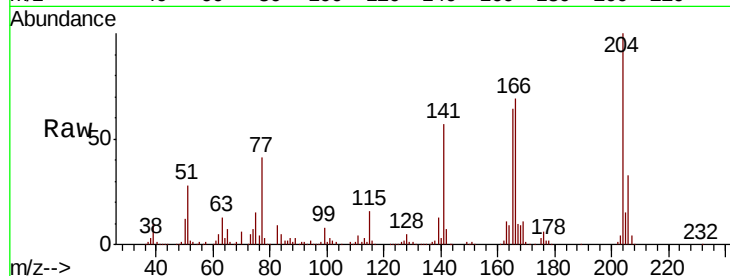




#61
4-Chlorophenyl-phenylether
Concen: 39.547 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

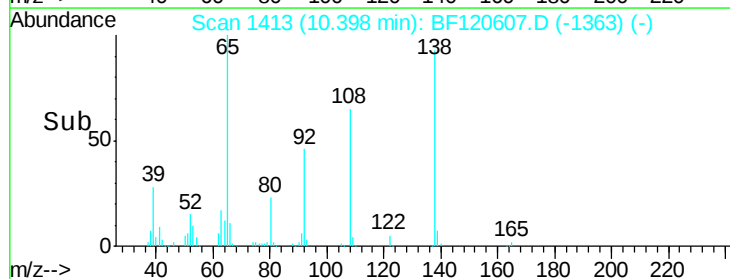
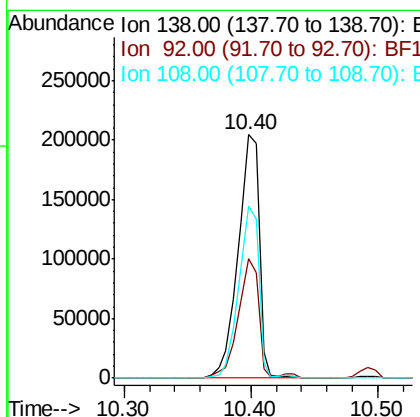
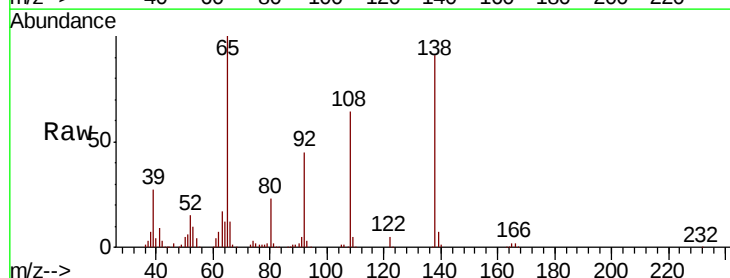
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

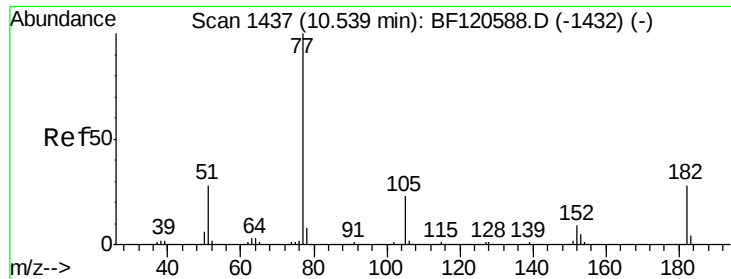
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.9	38.9
141	57.3	47.6	71.4



#62
4-Nitroaniline
Concen: 38.066 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	27.3	67.3
108	70.8	47.4	87.4





#63

Azobenzene

Concen: 41.691 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 848205

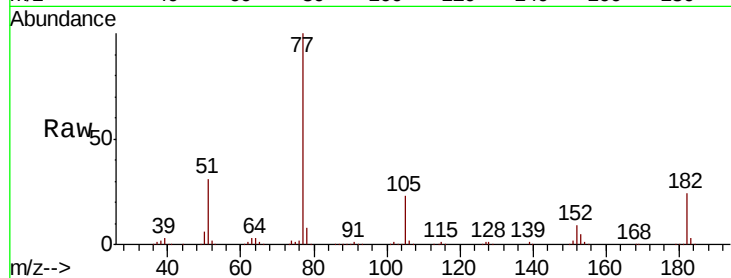
Ion Ratio Lower Upper

77 100

182 24.0 7.7 47.7

105 22.8 3.2 43.2

51 30.6 8.5 48.5

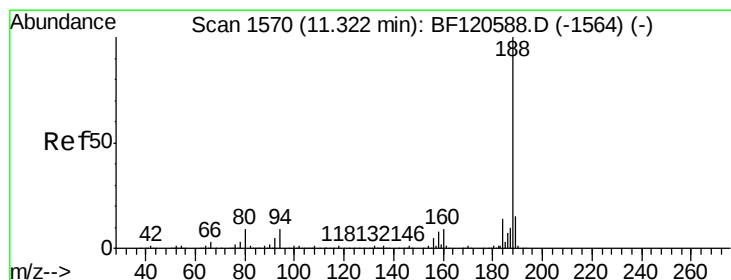
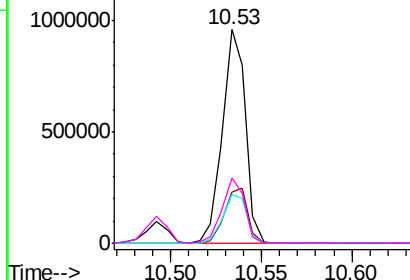
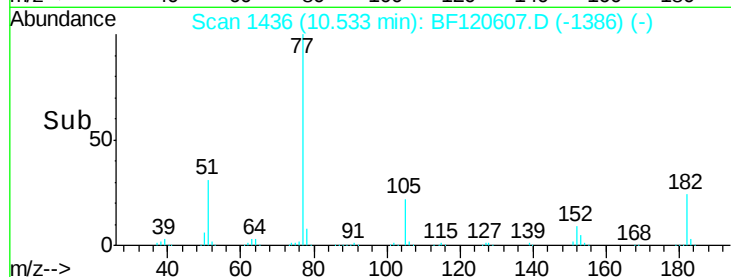


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

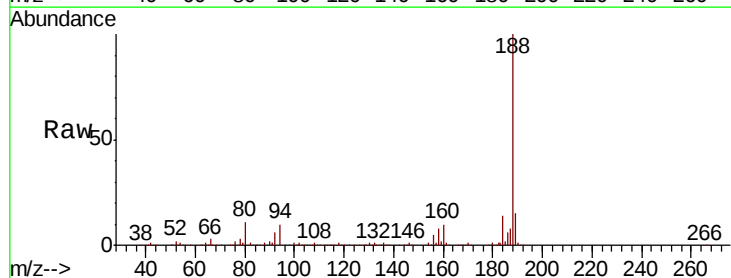
Tgt Ion: 188 Resp: 595852

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

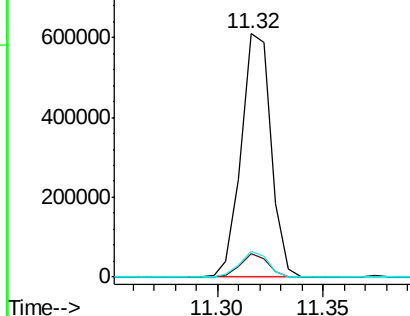
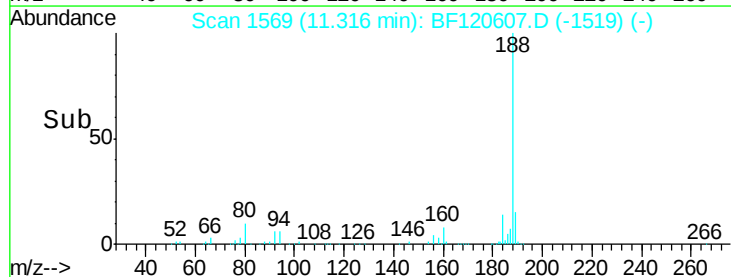
80 10.8 7.4 11.2

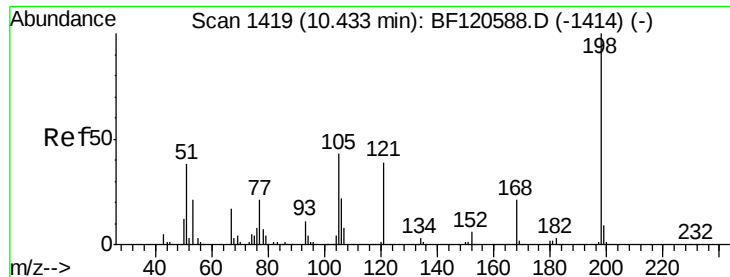


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

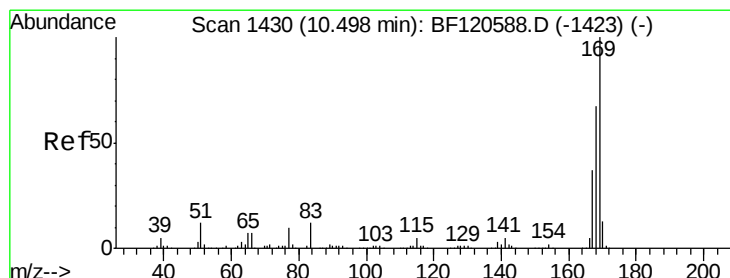
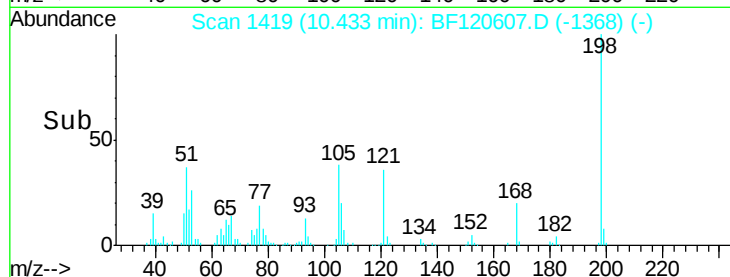
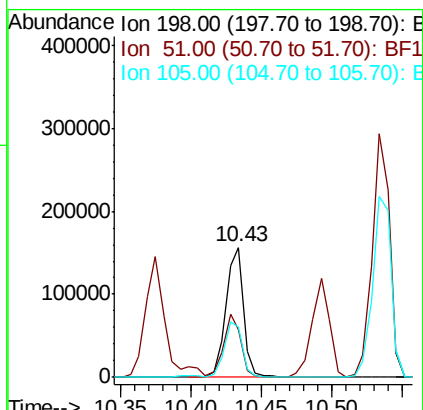
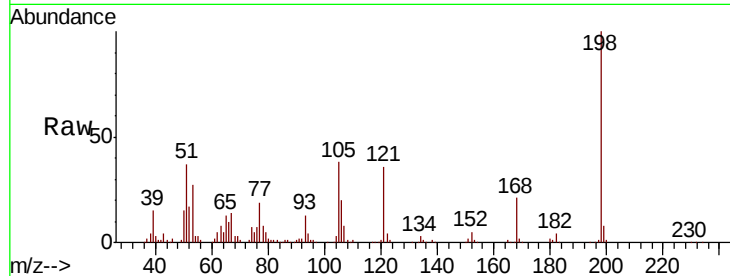




#65
4,6-Dinitro-2-methylphenol
Concen: 38.210 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

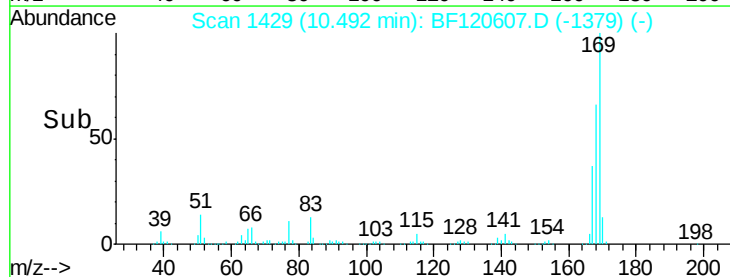
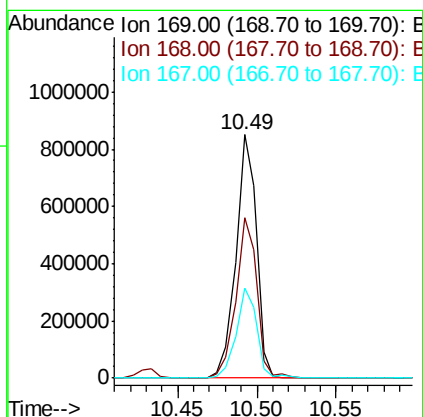
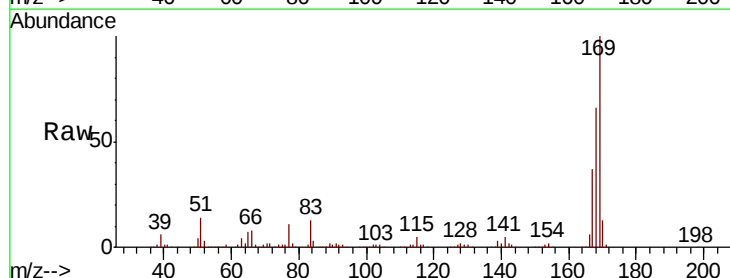
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

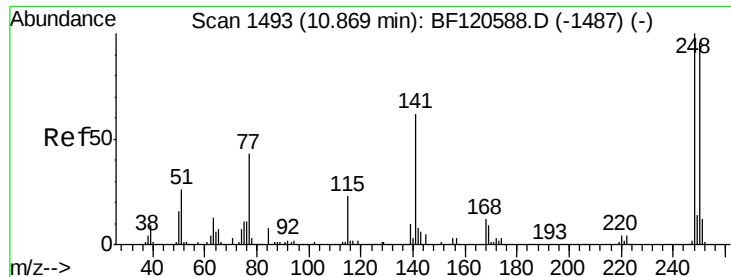
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.7	24.8	64.8
105	38.2	23.9	63.9



#66
n-Nitrosodiphenylamine
Concen: 41.606 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.7	80.5
167	36.8	29.9	44.9

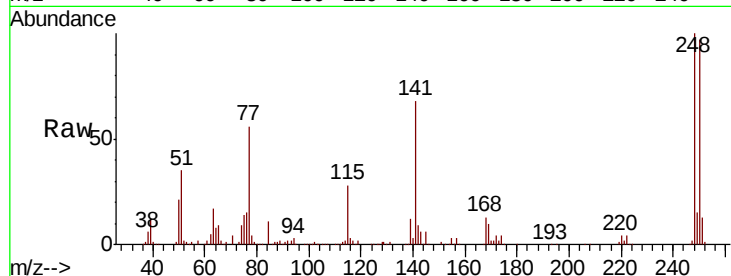




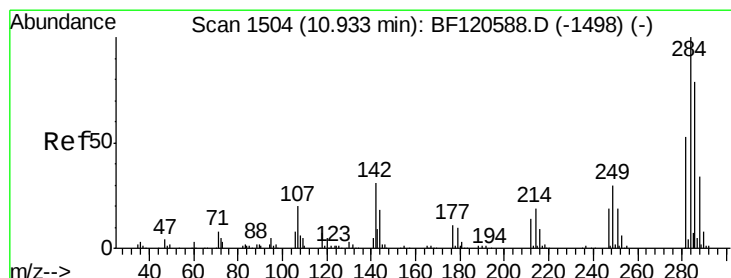
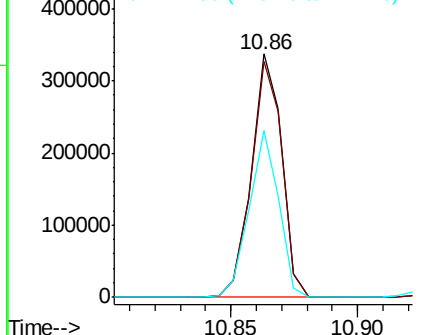
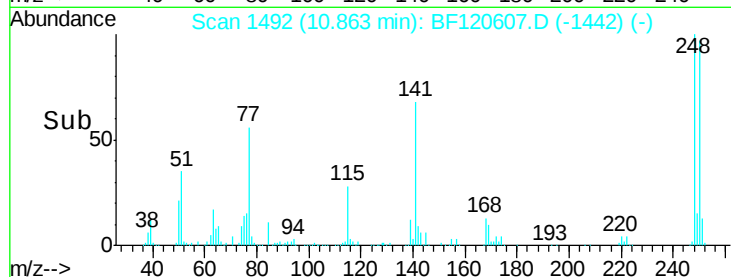
#67
4-Bromophenyl-phenylether
Concen: 41.540 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 280912
Ion Ratio Lower Upper
248 100
250 96.7 76.7 115.1
141 68.3 49.4 74.0

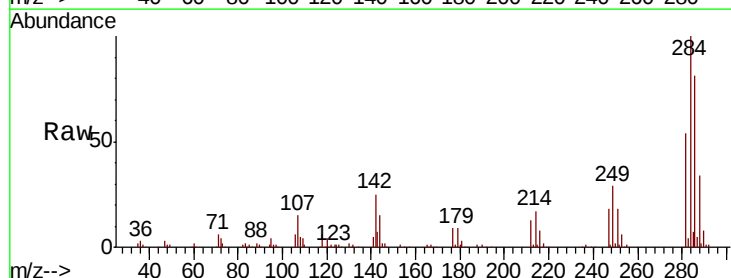


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

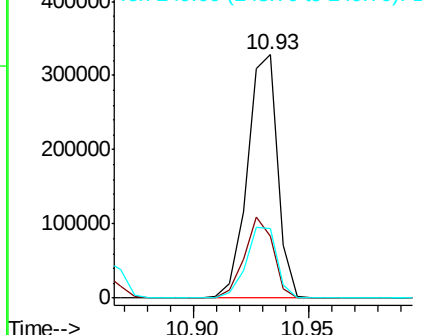
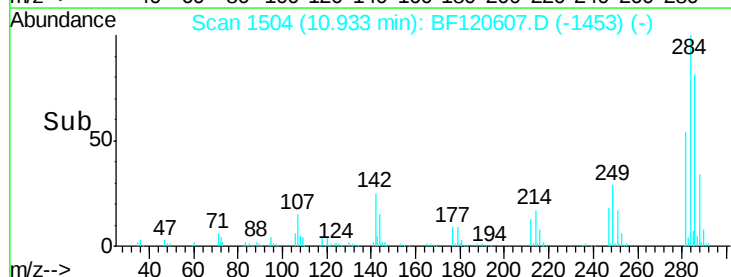


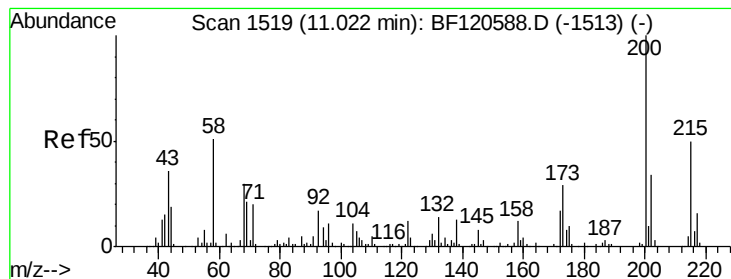
#68
Hexachlorobenzene
Concen: 41.208 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion:284 Resp: 299609
Ion Ratio Lower Upper
284 100
142 25.3 25.1 37.7
249 28.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.462 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

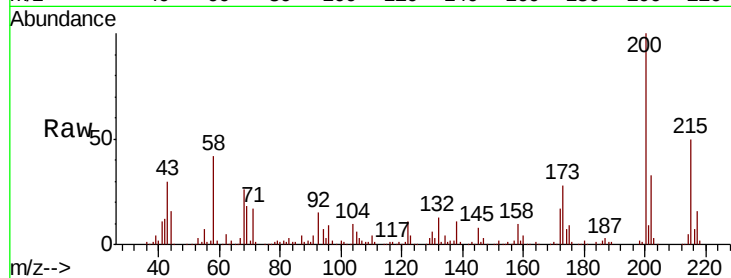
Tot Ion:200 Resp: 223447

Ion Ratio Lower Upper

200 100

173 27.6 9.1 49.1

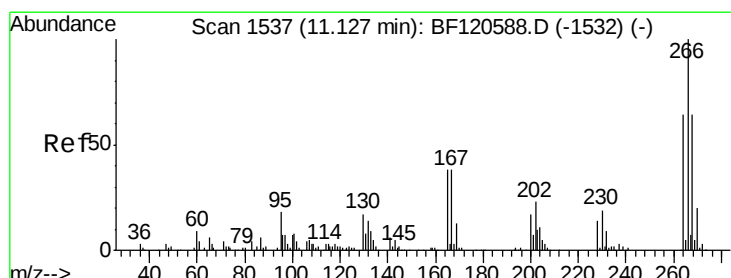
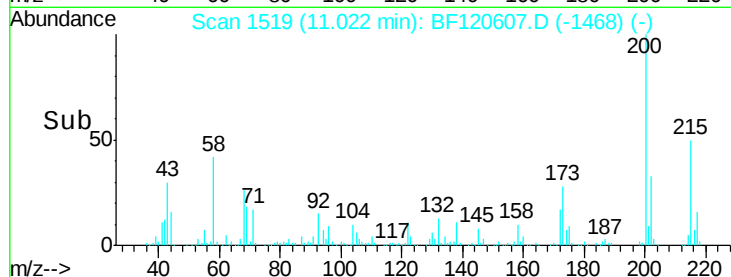
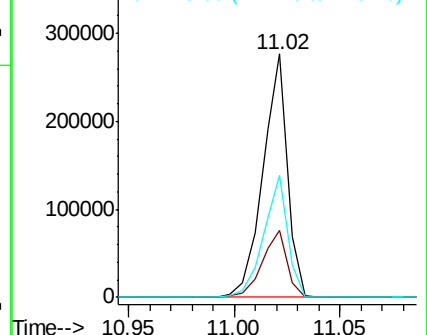
215 50.2 29.8 69.8



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: 39.826 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

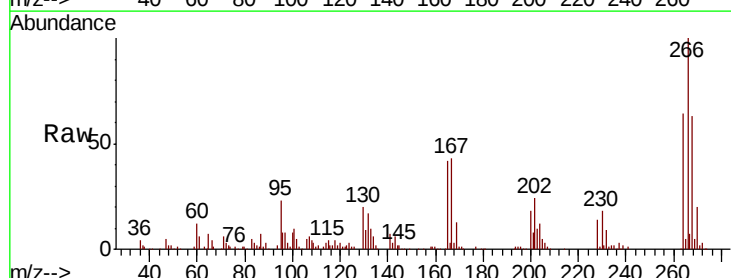
Tgt Ion:266 Resp: 160984

Ion Ratio Lower Upper

266 100

268 62.7 51.4 77.0

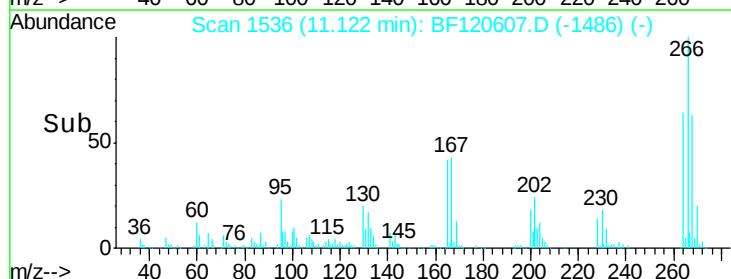
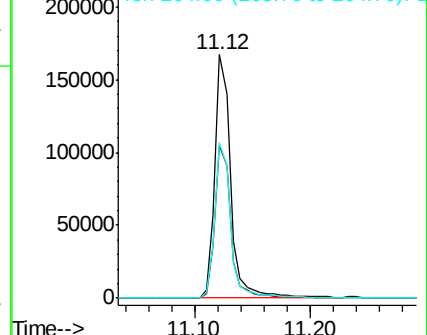
264 63.8 50.8 76.2

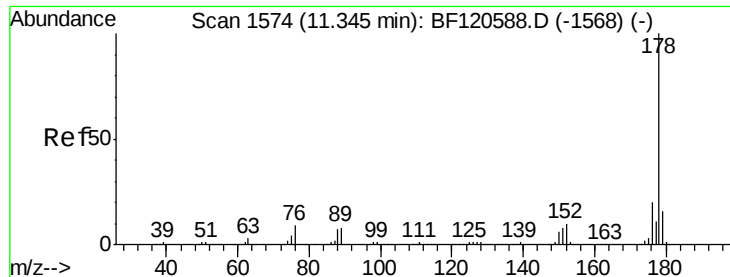


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

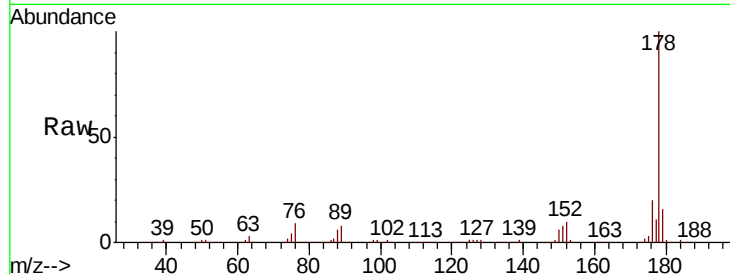




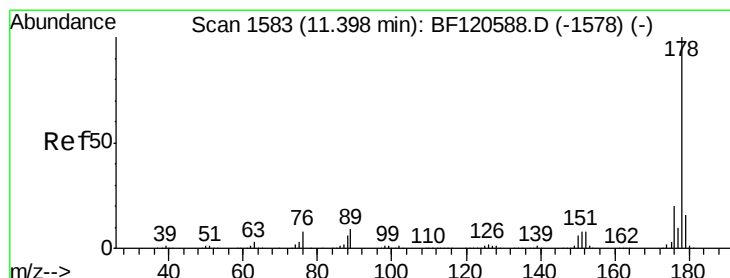
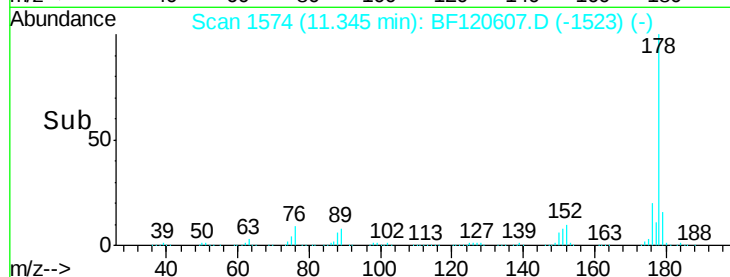
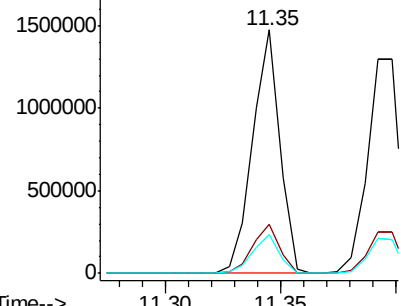
#71
Phenanthrene
Concen: 40.948 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1212860
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.9 12.8 19.2

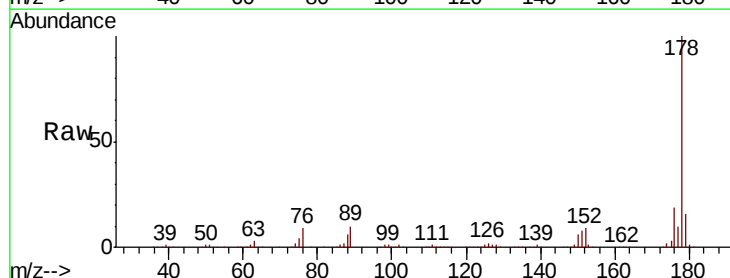


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

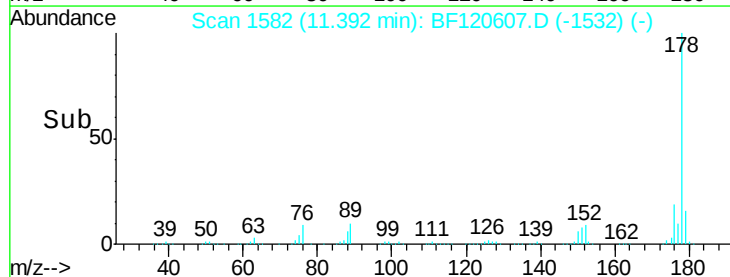
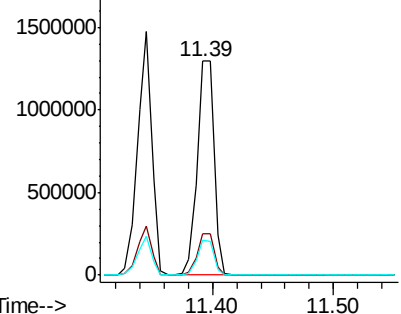


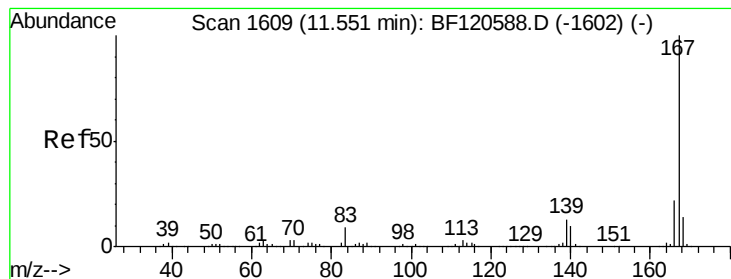
#72
Anthracene
Concen: 41.432 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion:178 Resp: 1236999
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.1 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.086 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

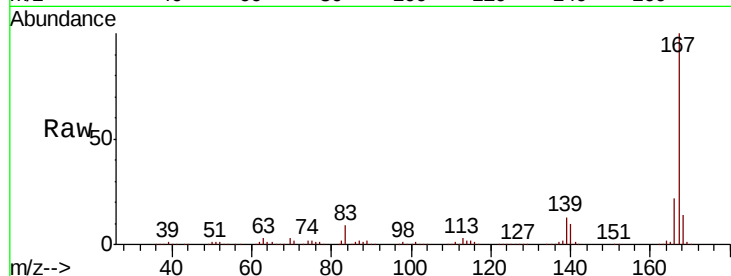
Tot Ion:167 Resp: 1184704

Ion Ratio Lower Upper

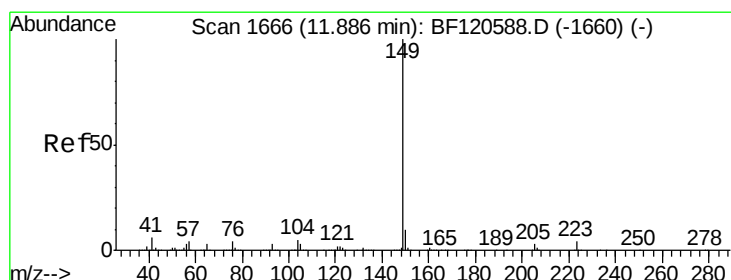
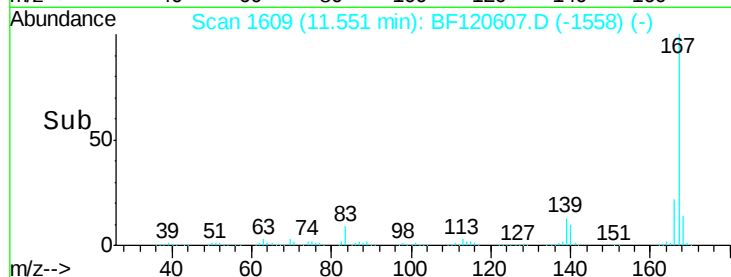
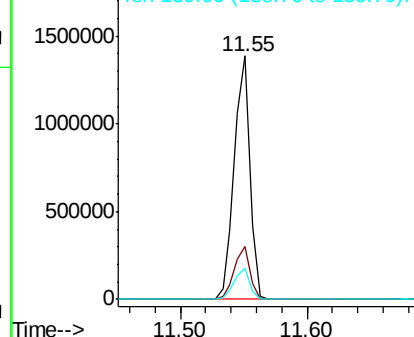
167 100

166 21.8 17.2 25.8

139 12.5 10.1 15.1



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



#74

Di-n-butylphthalate

Concen: 42.089 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

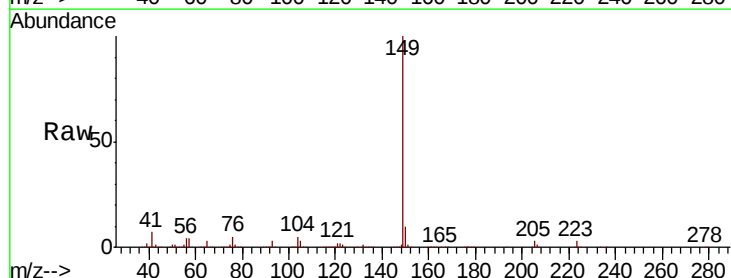
Tgt Ion:149 Resp: 1398472

Ion Ratio Lower Upper

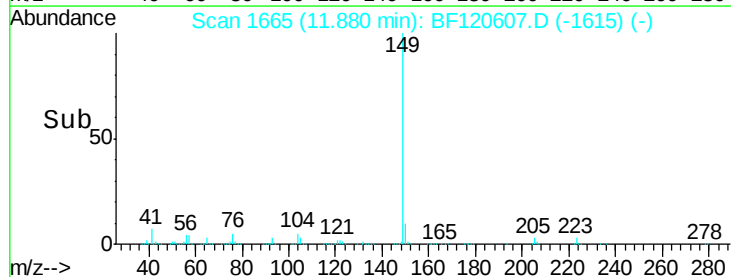
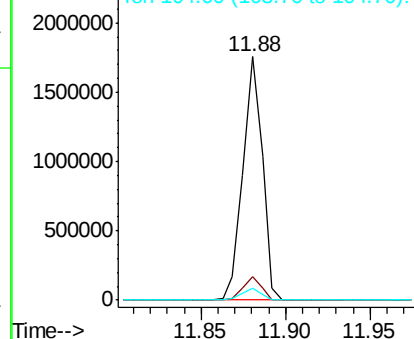
149 100

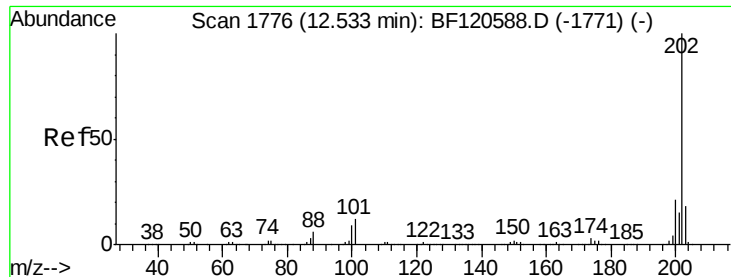
150 9.7 7.7 11.5

104 4.7 3.7 5.5



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





#75

Fluoranthene

Concen: 39.619 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

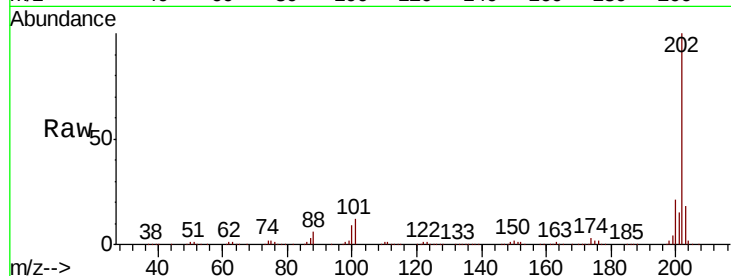
Tot Ion:202 Resp: 1341712

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.0

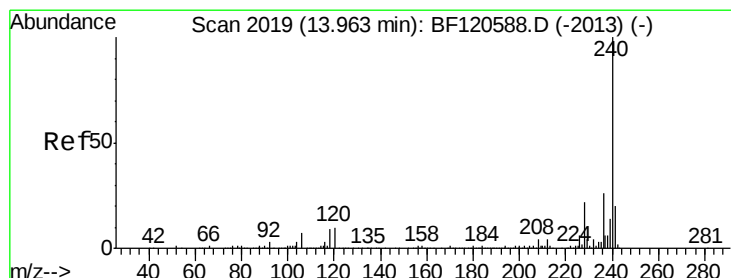
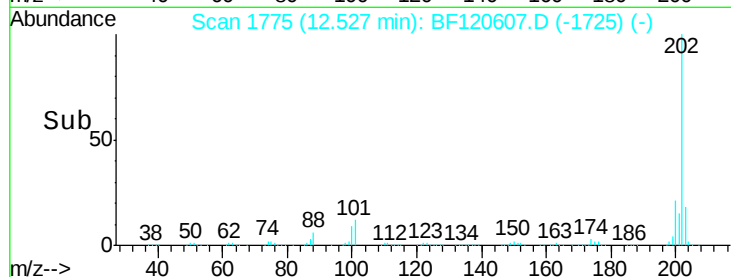
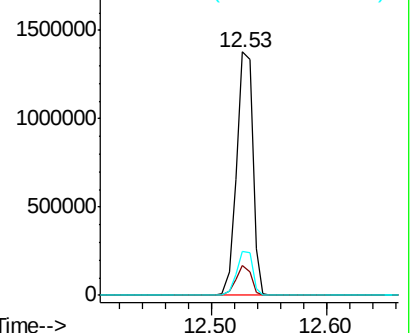
203 18.3 0.0 38.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

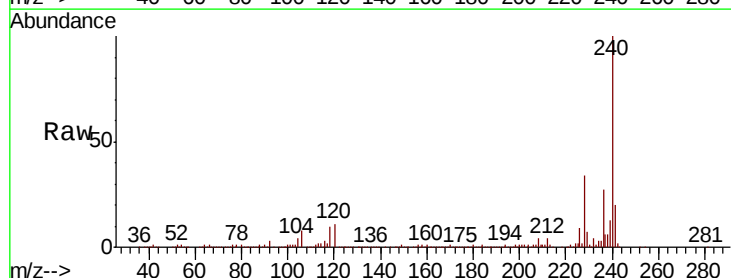
Tgt Ion:240 Resp: 481034

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

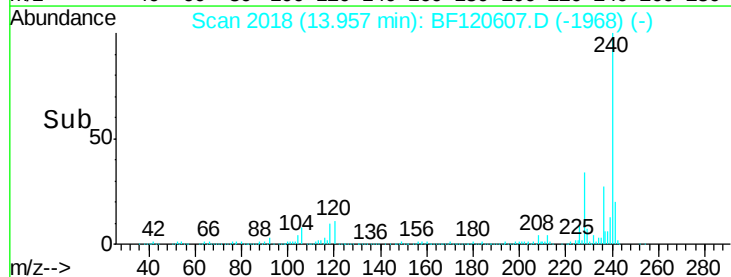
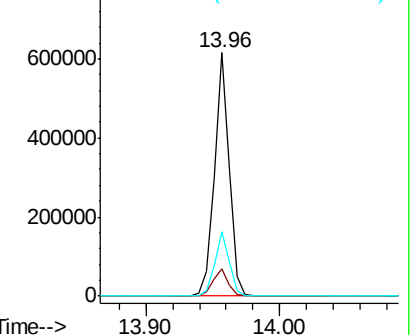
236 26.7 21.0 31.4

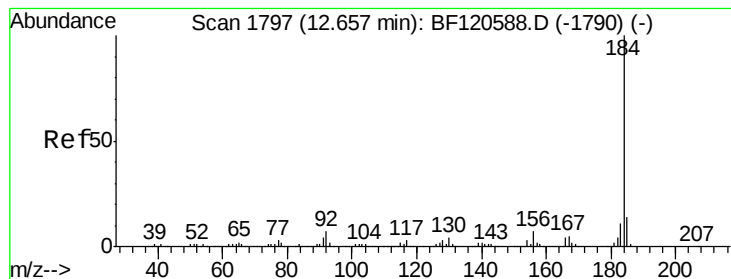


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.772 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

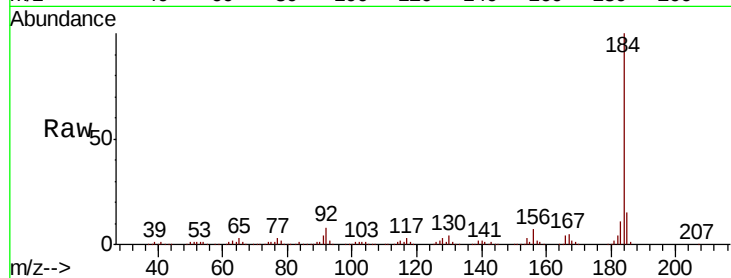
Tot Ion:184 Resp: 533143

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.0

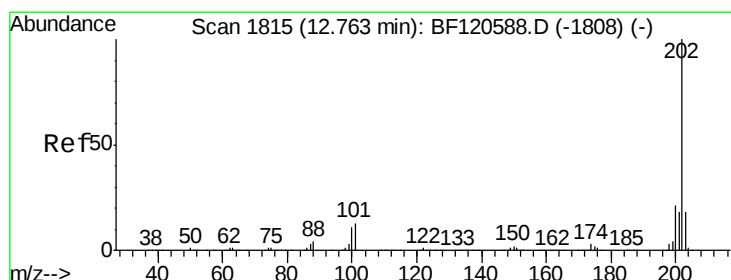
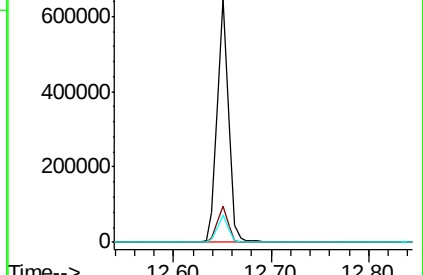
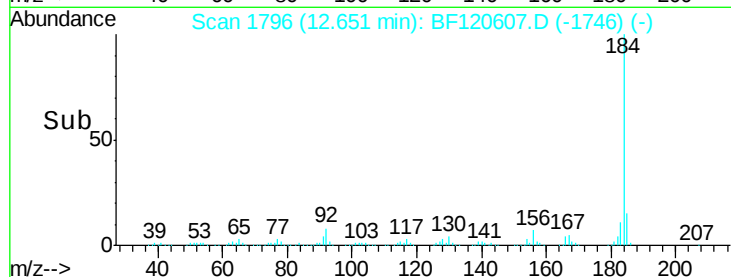
183 11.0 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.290 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

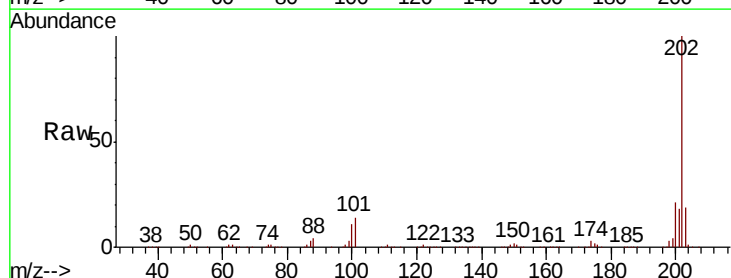
Tgt Ion:202 Resp: 1372989

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

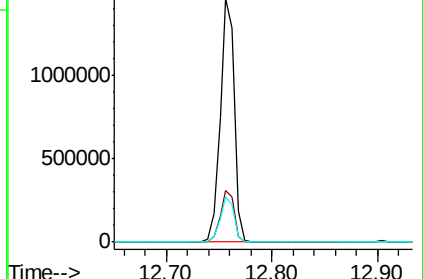
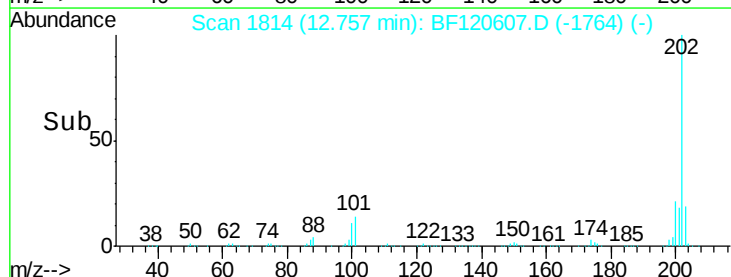
203 18.6 14.3 21.5

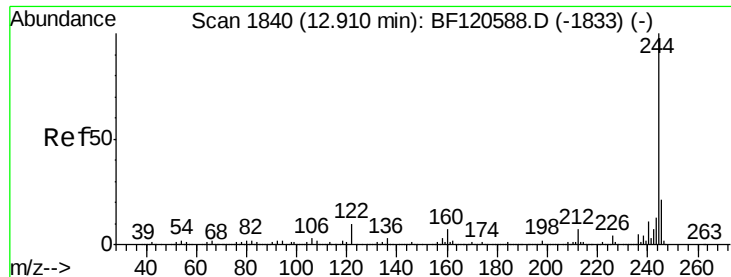


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.763 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

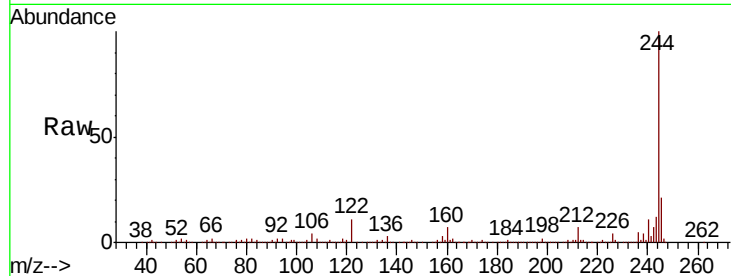
Tot Ion:244 Resp: 1737030

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

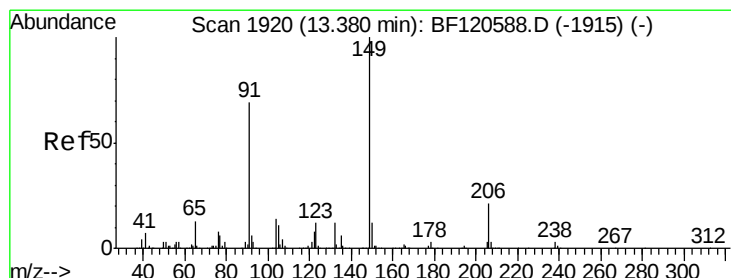
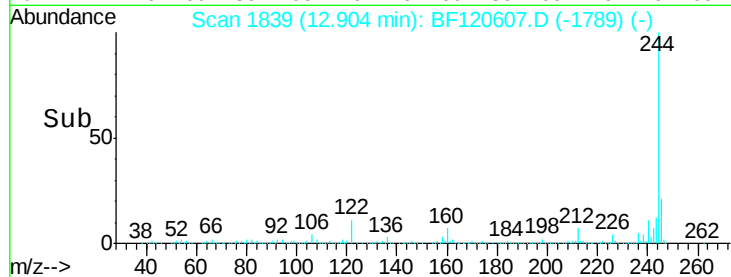
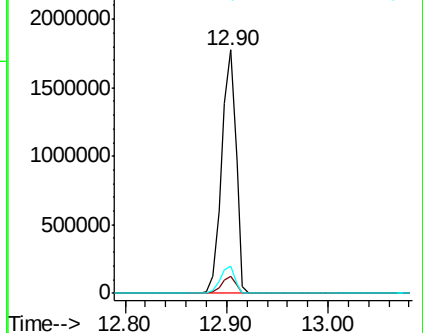
122 11.0 8.3 12.5



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: 39.685 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

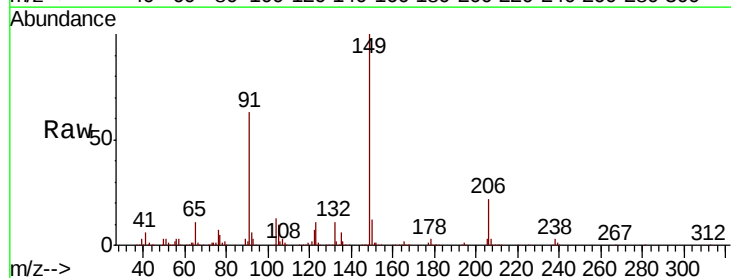
Tgt Ion:149 Resp: 600498

Ion Ratio Lower Upper

149 100

91 62.9 55.4 83.0

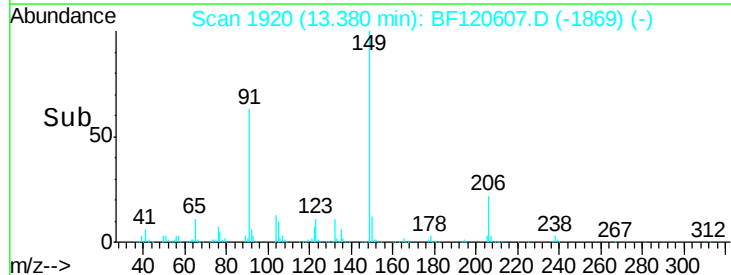
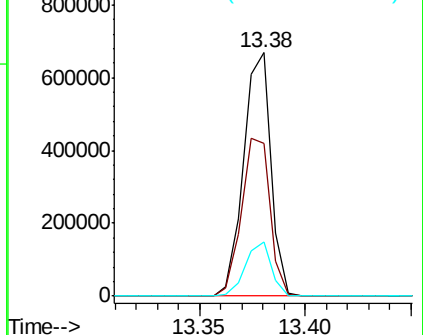
206 22.1 17.0 25.4

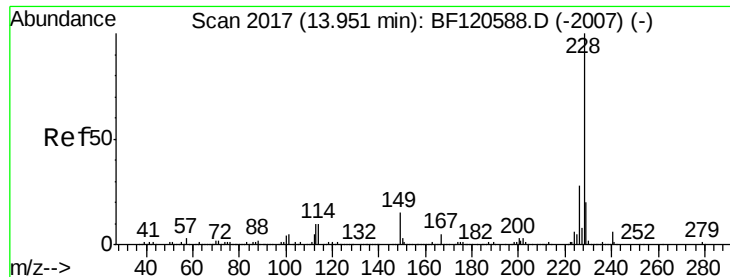


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.743 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

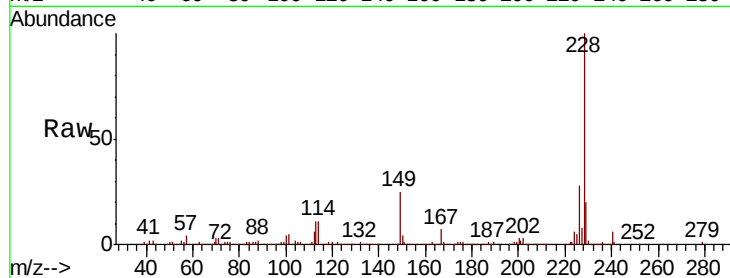
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1177468

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	20.2	16.1	24.1

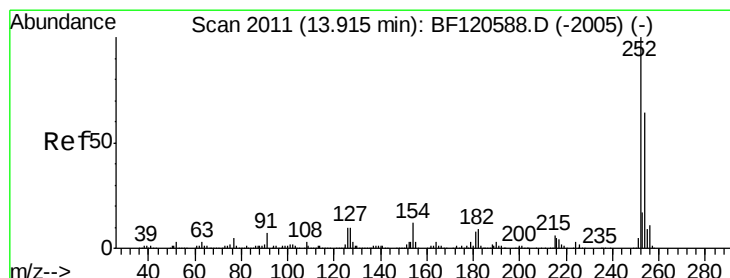
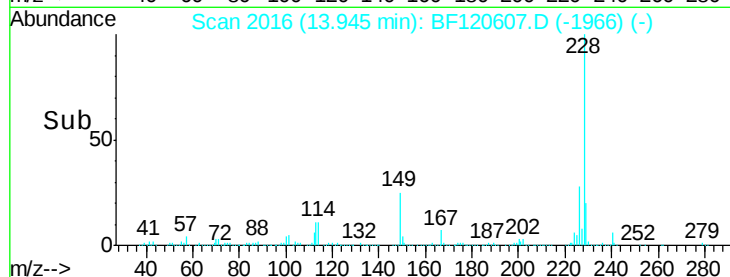
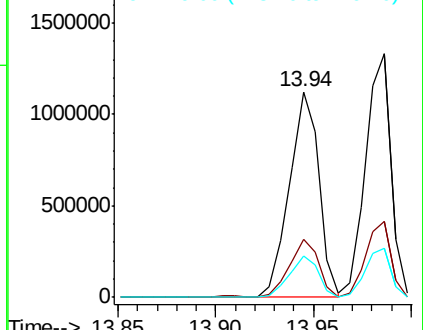


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.501 ng

RT: 13.91 min Scan# 2010

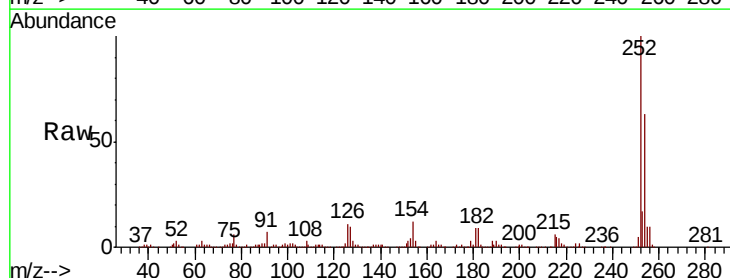
Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Tgt Ion:252 Resp: 447085

Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.4	77.2
126	10.9	7.9	11.9

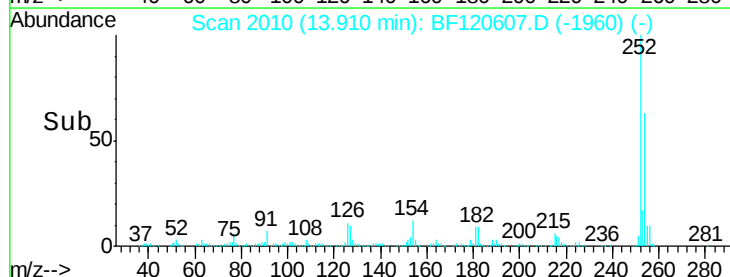
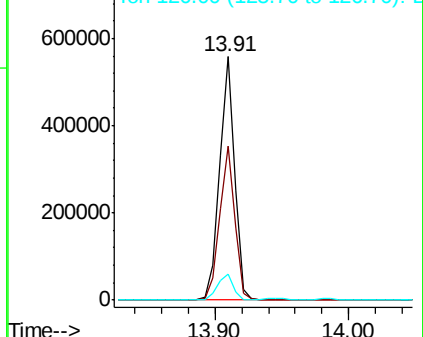


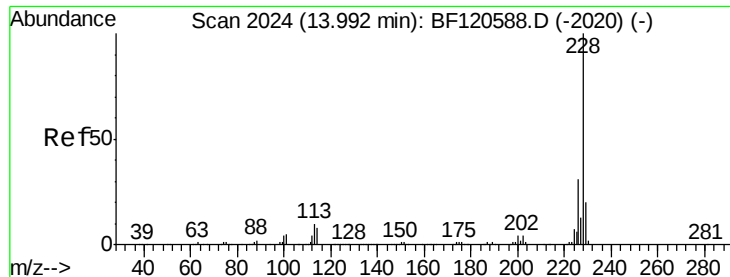
Abundance

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

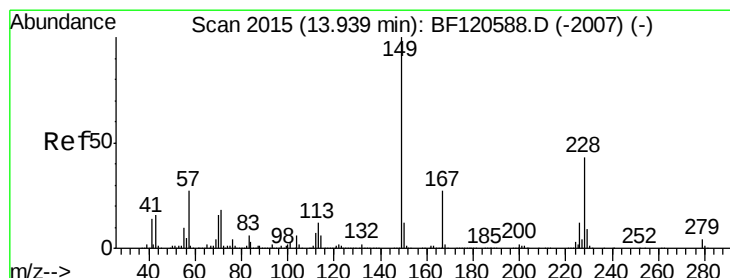
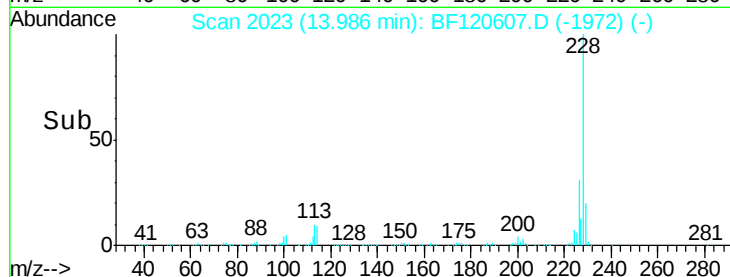
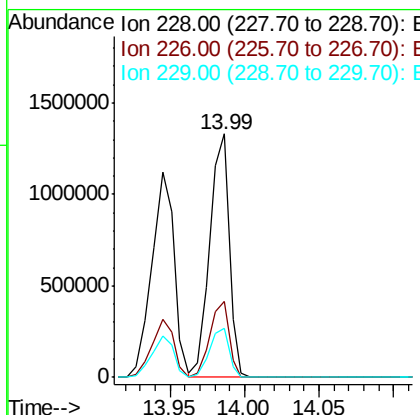
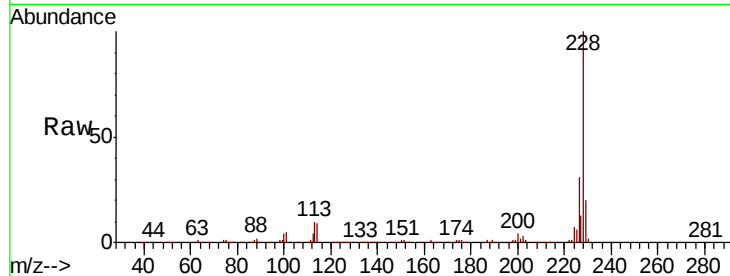




#83
 Chrysene
 Concen: 40.598 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

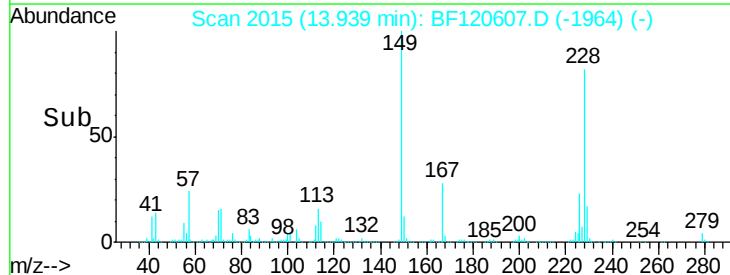
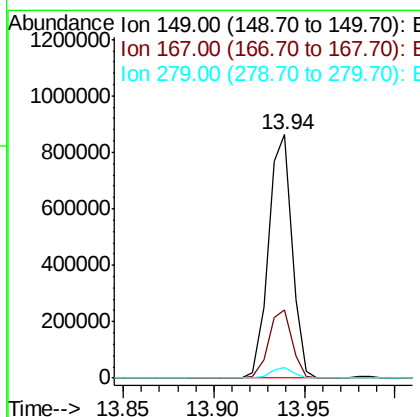
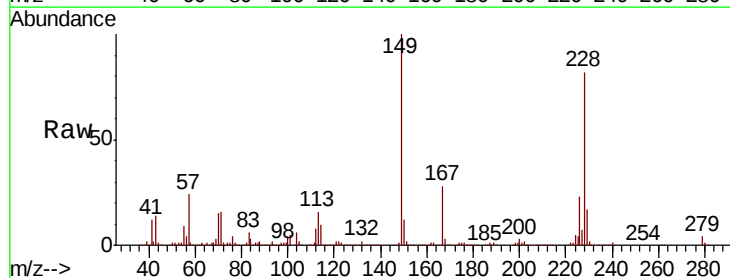
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

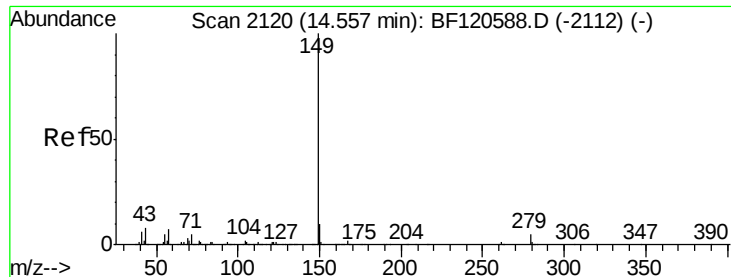
Tot Ion:228 Resp: 1203509
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.0 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.341 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Tgt Ion:149 Resp: 781909
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.0 33.0
 279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 40.477 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

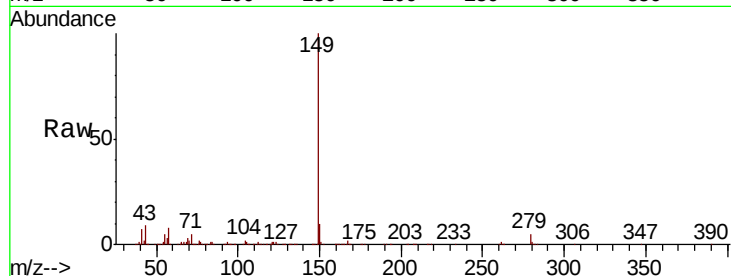
Tot Ion:149 Resp: 1426556

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

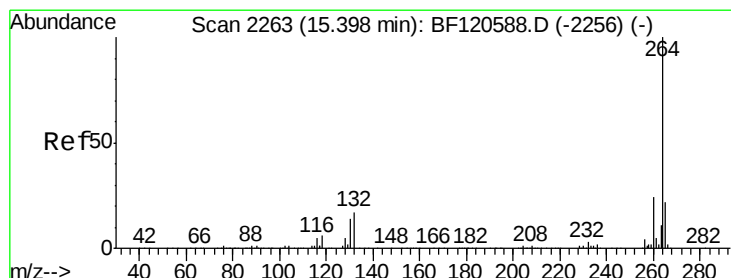
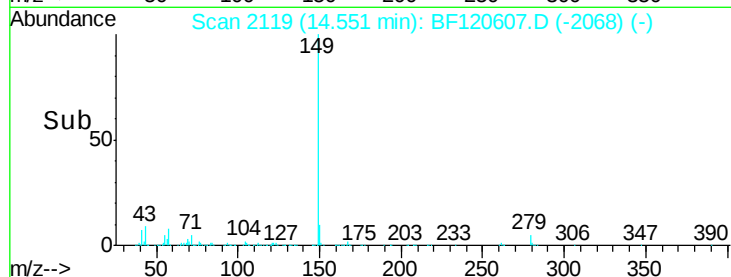
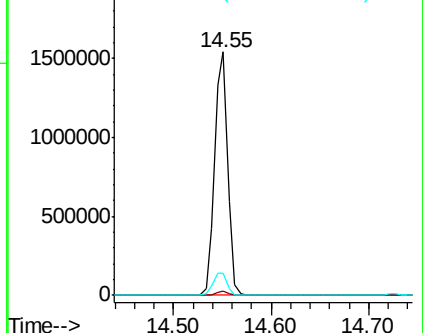
43 9.8 7.6 11.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF120607.D

Acq: 12 Jun 2020 8:26

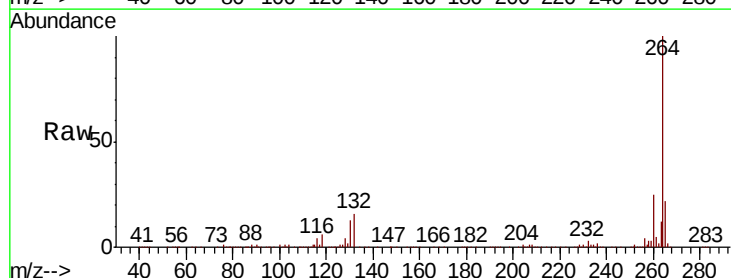
Tgt Ion:264 Resp: 524405

Ion Ratio Lower Upper

264 100

260 25.0 19.3 28.9

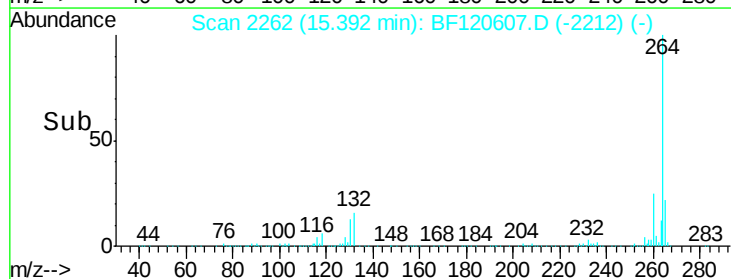
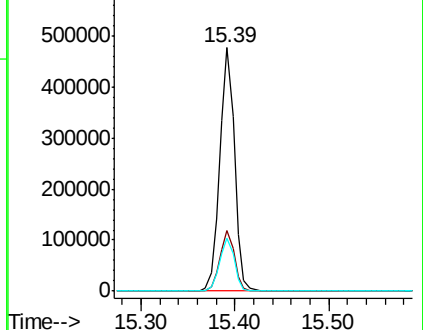
265 21.5 17.8 26.8

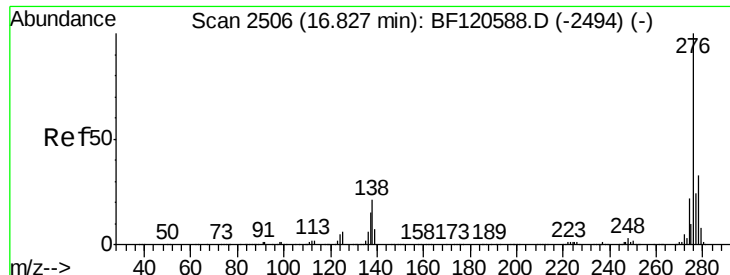


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



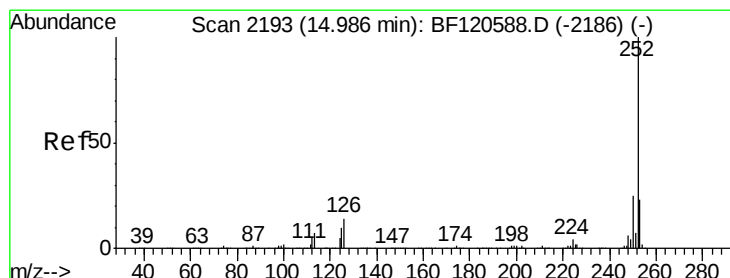
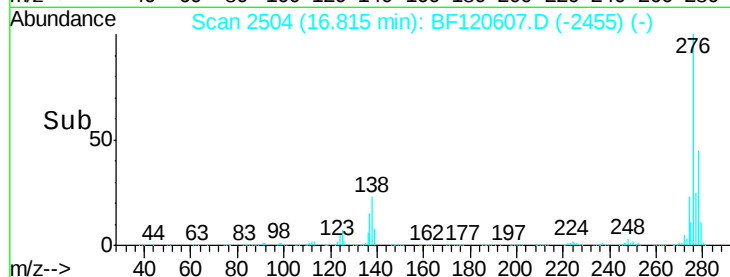
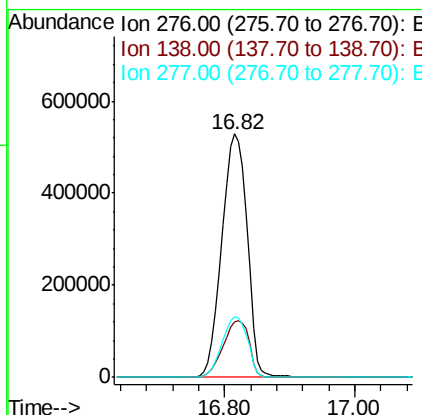
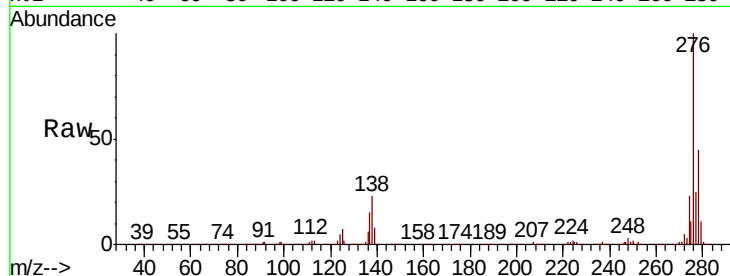


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.780 ng
 RT: 16.82 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1428407

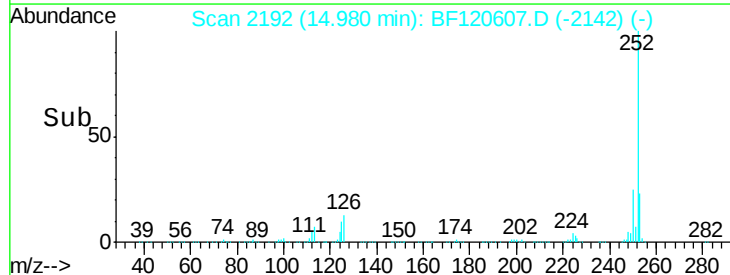
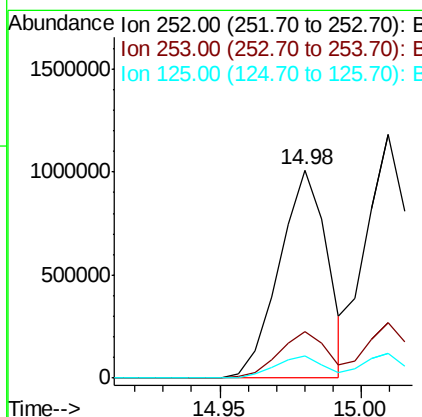
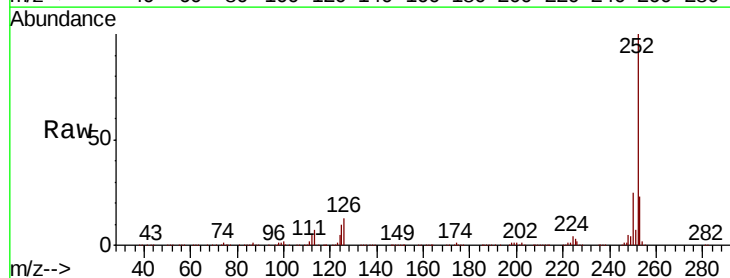
Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.9	28.3
277	25.2	20.2	30.2

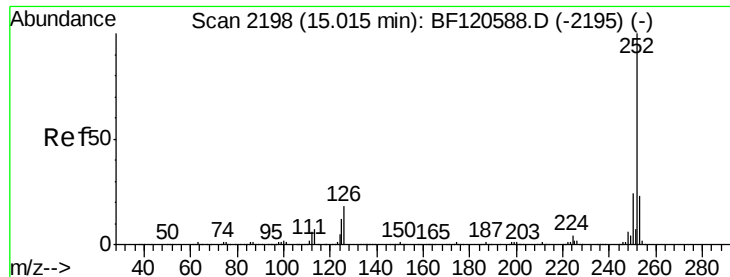


#88
 Benzo(b)fluoranthene
 Concen: 38.212 ng
 RT: 14.98 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BF120607.D
 Acq: 12 Jun 2020 8:26

Tgt Ion:252 Resp: 1193658

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.5	8.3	12.5

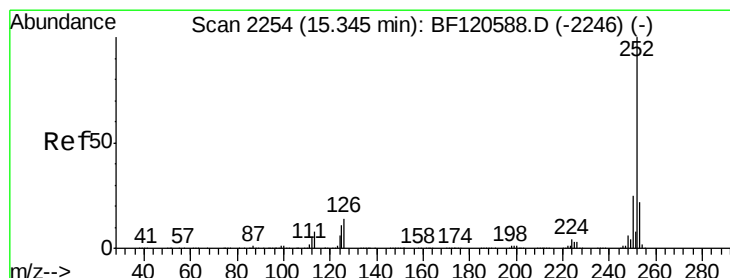
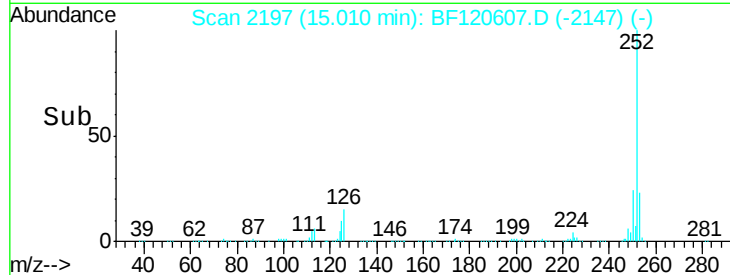
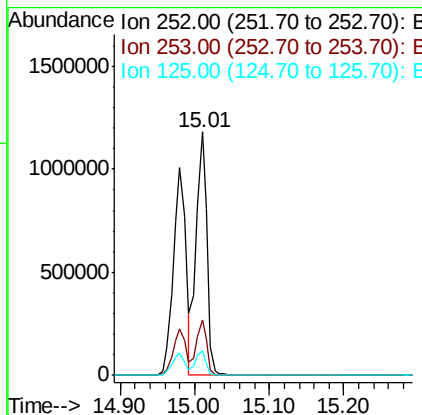
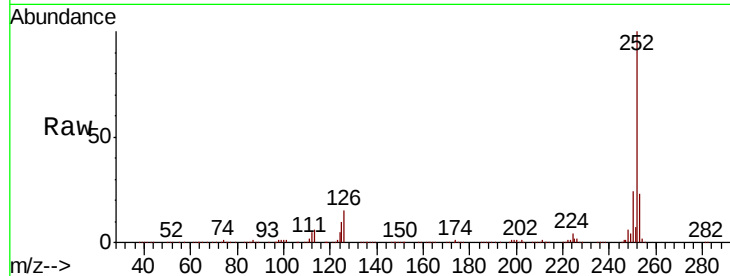




#89
Benzo(k)fluoranthene
Concen: 43.448 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

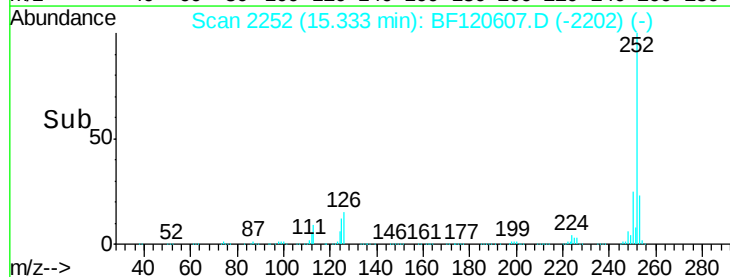
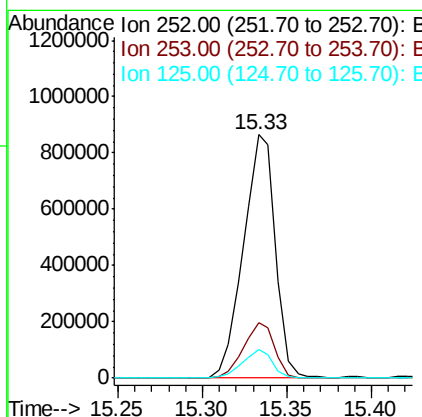
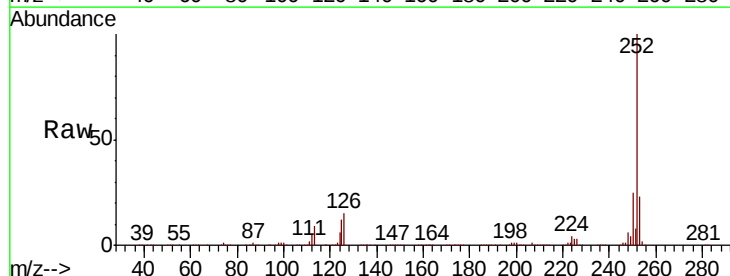
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

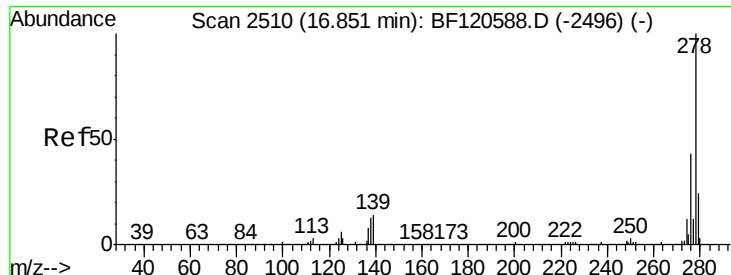
Tot Ion:252 Resp: 1200956
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.1 8.3 12.5



#90
Benzo(a)pyrene
Concen: 40.783 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion:252 Resp: 1140156
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.6 8.6 12.8

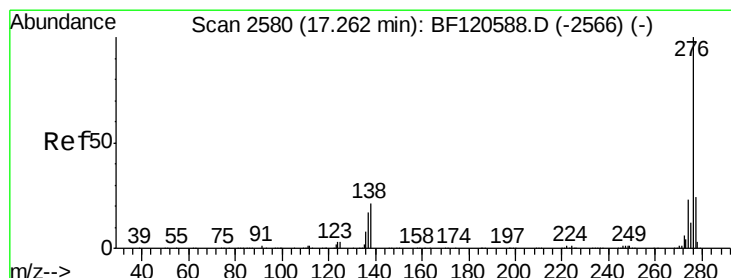
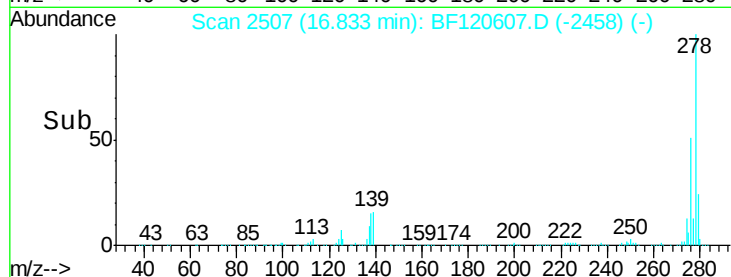
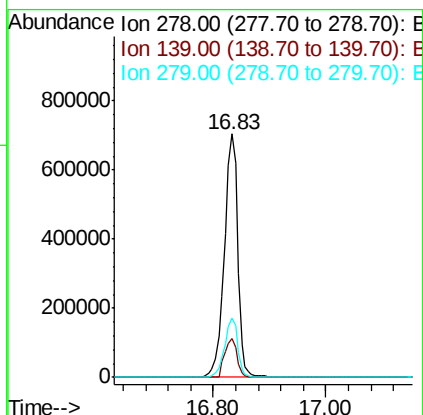
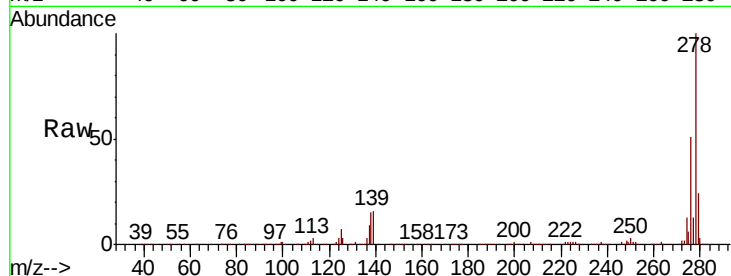




#91
Dibenzo(a,h)anthracene
Concen: 45.508 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1164084
Ion Ratio Lower Upper
278 100
139 15.8 11.4 17.2
279 24.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 45.365 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF120607.D
Acq: 12 Jun 2020 8:26

Tgt Ion:276 Resp: 1169645
Ion Ratio Lower Upper
276 100
277 24.6 19.6 29.4
138 21.5 16.5 24.7

