

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
 Data File : BF121327.D
 Acq On : 19 Aug 2020 19:28
 Operator : JU/CG
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Aug 20 02:59:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 02:55:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	150480	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	570469	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	294996	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	568435	20.00	ng	0.00
76) Chrysene-d12	13.84	240	442603	20.00	ng	0.00
86) Perylene-d12	15.25	264	419306	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	382305	41.56	ng	0.00
7) Phenol-d6	6.33	99	487005	41.50	ng	-0.01
23) Nitrobenzene-d5	7.26	82	403444	40.04	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	143398	40.87	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	776344	42.54	ng	0.00
79) Terphenyl-d14	12.79	244	890841	42.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	80522	19.462	ng	98
3) Pyridine	3.01	79	212251	18.983	ng	97
4) n-Nitrosodimethylamine	2.96	42	89342	19.630	ng	98
6) Aniline	6.35	93	283564	20.878	ng	94
8) 2-Chlorophenol	6.47	128	197695	20.515	ng	98
9) Benzaldehyde	6.24	77	146739	21.046	ng	97
10) Phenol	6.35	94	253281	21.329	ng	91
11) bis(2-Chloroethyl)ether	6.43	93	189010	19.917	ng	99
12) 1,3-Dichlorobenzene	6.63	146	222037	20.508	ng	98
13) 1,4-Dichlorobenzene	6.71	146	224135	20.638	ng	99
14) 1,2-Dichlorobenzene	6.86	146	208423	21.027	ng	98
15) Benzyl Alcohol	6.84	79	152749	20.888	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	283878	20.112	ng	99
17) 2-Methylphenol	6.96	107	159989	20.212	ng	97
18) Hexachloroethane	7.20	117	82868	20.363	ng	97
19) n-Nitroso-di-n-propylamine	7.10	70	129182	19.982	ng	96
20) 3+4-Methylphenols	7.11	107	198208	21.368	ng	96
22) Acetophenone	7.10	105	273097	20.485	ng	# 98
24) Nitrobenzene	7.27	77	205656	20.079	ng	99
25) Isophorone	7.52	82	355974	19.207	ng	99
26) 2-Nitrophenol	7.59	139	102820	19.352	ng	95
27) 2,4-Dimethylphenol	7.64	122	151075	20.005	ng	96
28) bis(2-Chloroethoxy)methane	7.73	93	247638	19.720	ng	99
29) 2,4-Dichlorophenol	7.84	162	164042	20.051	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	189086	20.234	ng	100
31) Naphthalene	8.00	128	581201	20.661	ng	99
32) Benzoic acid	7.76	122	88740	17.593	ng	99
33) 4-Chloroaniline	8.05	127	246582	19.623	ng	99
34) Hexachlorobutadiene	8.12	225	113576	20.402	ng	99
35) Caprolactam	8.41	113	51498	18.755	ng	97
36) 4-Chloro-3-methylphenol	8.53	107	165466	19.640	ng	99
37) 2-Methylnaphthalene	8.69	142	377904	20.340	ng	100
38) 1-Methylnaphthalene	8.79	142	360973	20.546	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	180585	20.784	ng	99

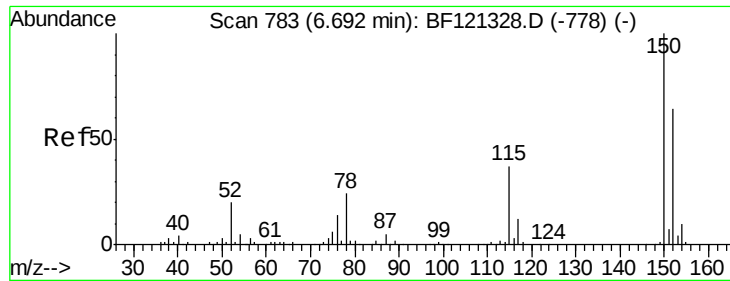
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
 Data File : BF121327.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	49481	17.989	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	121173	20.225	ng	100
44) 2,4,5-Trichlorophenol	9.01	196	125600	20.398	ng	97
46) 1,1'-Biphenyl	9.15	154	463241	21.002	ng	98
47) 2-Chloronaphthalene	9.17	162	376270	20.839	ng	98
48) 2-Nitroaniline	9.27	65	113399	19.757	ng	92
49) Acenaphthylene	9.59	152	565000	20.958	ng	100
50) Dimethylphthalate	9.45	163	426621	19.538	ng	100
51) 2,6-Dinitrotoluene	9.52	165	92474	19.908	ng	99
52) Acenaphthene	9.76	154	337925	20.623	ng	98
53) 3-Nitroaniline	9.69	138	115020	20.085	ng	96
54) 2,4-Dinitrophenol	9.80	184	38824	17.496	ng	94
55) Dibenzofuran	9.93	168	517833	21.535	ng	100
56) 4-Nitrophenol	9.85	139	70374	19.908	ng	98
57) 2,4-Dinitrotoluene	9.92	165	119267	21.143	ng	98
58) Fluorene	10.27	166	392904	21.536	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	105101	19.880	ng	99
60) Diethylphthalate	10.15	149	428058	19.913	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	197556	21.381	ng	99
62) 4-Nitroaniline	10.29	138	117533	20.029	ng	97
63) Azobenzene	10.43	77	397662	20.108	ng	97
65) 4,6-Dinitro-2-methylphenol	10.33	198	59267	19.240	ng	98
66) n-Nitrosodiphenylamine	10.39	169	352920	20.183	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	125997	19.823	ng	97
68) Hexachlorobenzene	10.82	284	143152	19.762	ng	97
69) Atrazine	10.92	200	109003	19.789	ng	99
70) Pentachlorophenol	11.02	266	62059	18.750	ng	99
71) Phenanthrene	11.23	178	588515	20.836	ng	99
72) Anthracene	11.28	178	589814	20.959	ng	100
73) Carbazole	11.44	167	562928	20.924	ng	99
74) Di-n-butylphthalate	11.77	149	673764	19.775	ng	99
75) Fluoranthene	12.42	202	640218	20.522	ng	98
77) Benzidine	12.54	184	232078	22.503	ng	100
78) Pyrene	12.65	202	660823	20.412	ng	99
80) Butylbenzylphthalate	13.27	149	276646	18.503	ng	97
81) Benzo(a)anthracene	13.83	228	546730	21.089	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	215042	20.044	ng	98
83) Chrysene	13.87	228	568985	20.311	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	347208	19.373	ng	100
85) Di-n-octyl phthalate	14.44	149	626672	18.321	ng	100
87) Indeno(1,2,3-cd)pyrene	16.60	276	492054	19.051	ng	100
88) Benzo(b)fluoranthene	14.85	252	523228	19.599	ng	98
89) Benzo(k)fluoranthene	14.87	252	505999	20.971	ng	99
90) Benzo(a)pyrene	15.19	252	465746	19.969	ng	98
91) Dibenzo(a,h)anthracene	16.61	278	413765	19.533	ng	98
92) Benzo(g,h,i)perylene	17.00	276	387407	18.821	ng	99

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

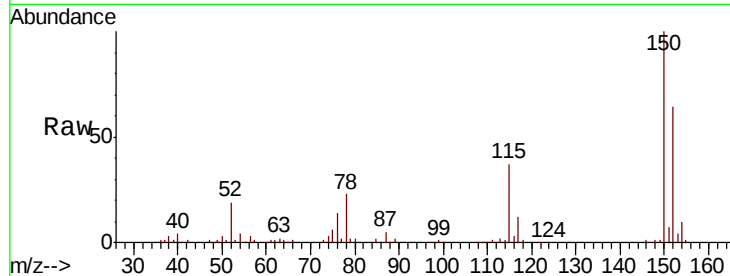


#1

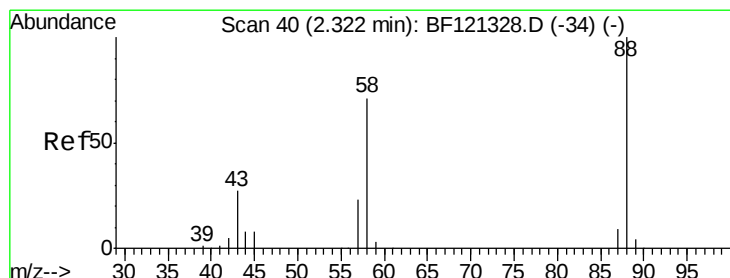
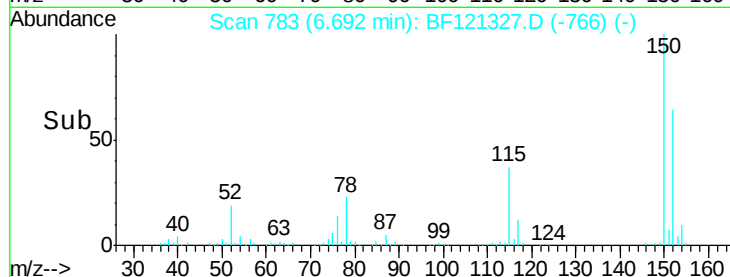
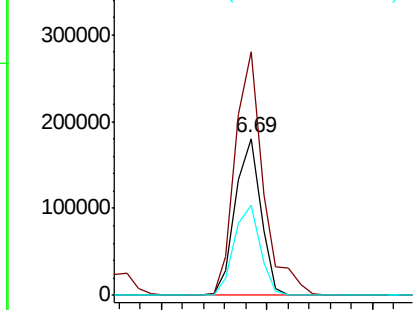
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC020

Tot Ion:152 Resp: 150480
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.8 187.2
 115 57.2 46.1 69.1



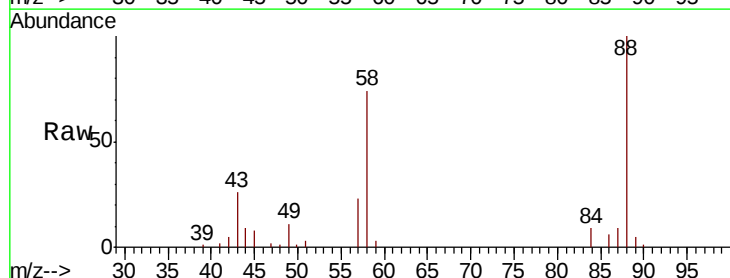
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



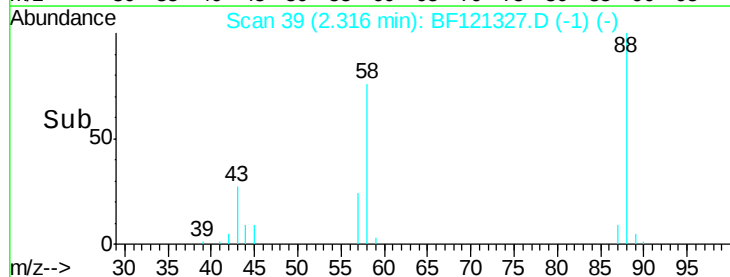
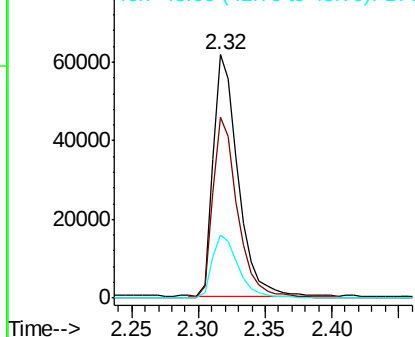
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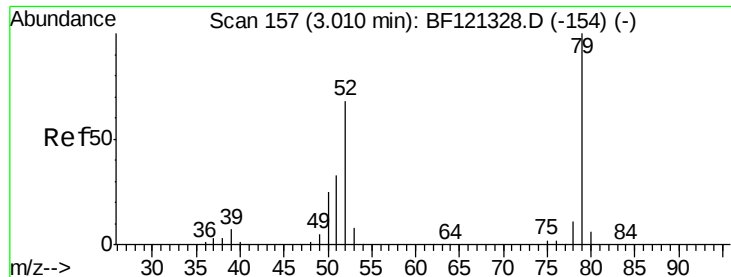
1,4-Dioxane
 Concen: 19.462 ng
 RT: 2.32 min Scan# 39
 Delta R.T. -0.01 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Tgt Ion: 88 Resp: 80522
 Ion Ratio Lower Upper
 88 100
 58 74.6 58.5 87.7
 43 27.7 21.8 32.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1

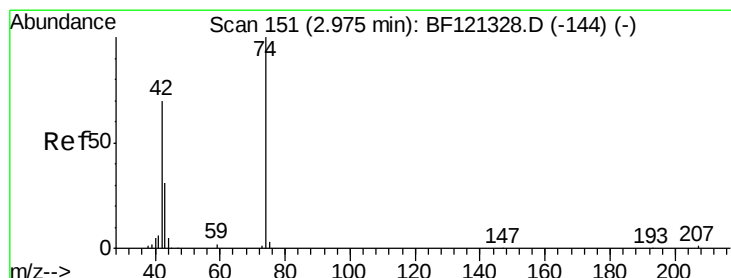
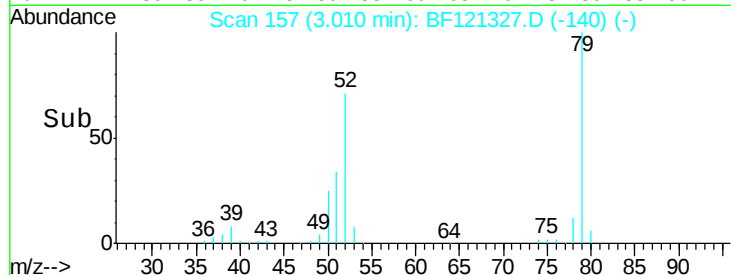
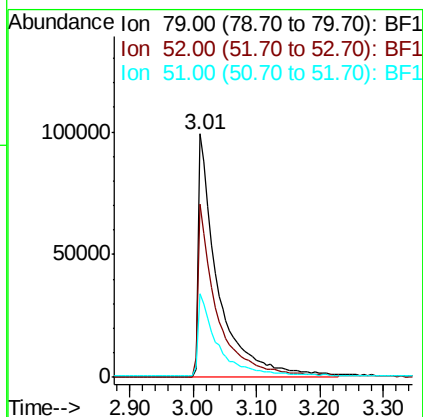
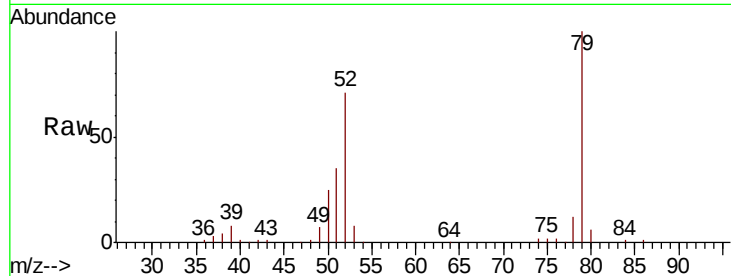




#3
 Pvridine
 Concen: 18.983 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.00 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

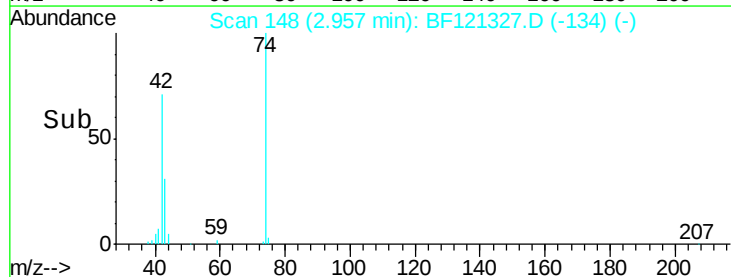
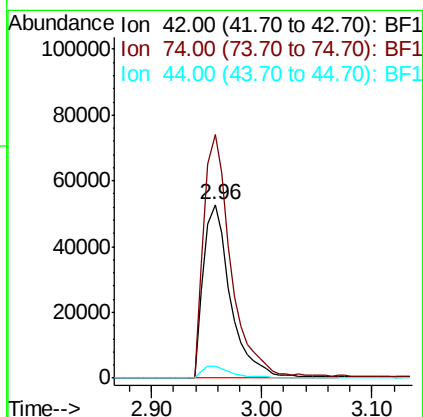
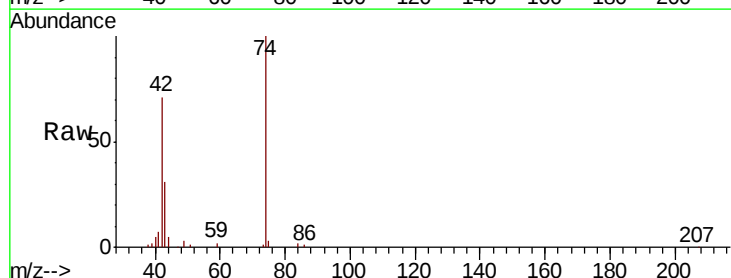
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

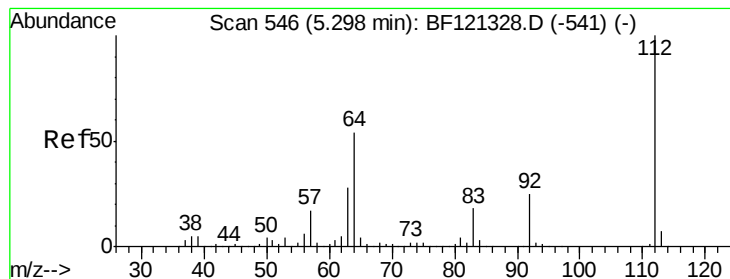
Tot Ion	Ratio	Lower	Upper
79	100		
52	71.1	54.6	82.0
51	34.5	27.0	40.6



#4
 n-Nitrosodimethylamine
 Concen: 19.630 ng
 RT: 2.96 min Scan# 148
 Delta R.T. -0.02 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.4	114.2	171.2
44	7.3	5.4	8.2





#5

2-Fluorophenol

Concen: 41.562 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleID :

SSTDIC020

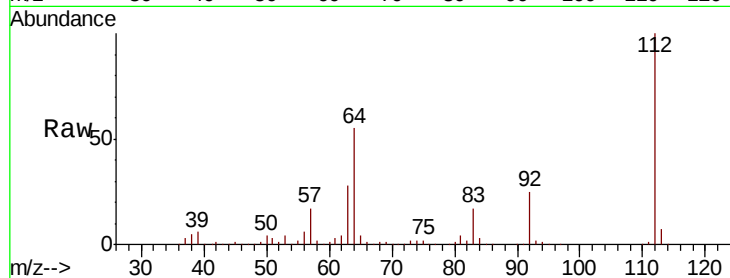
Tot Ion:112 Resp: 382305

Ion Ratio Lower Upper

112 100

64 54.6 43.5 65.3

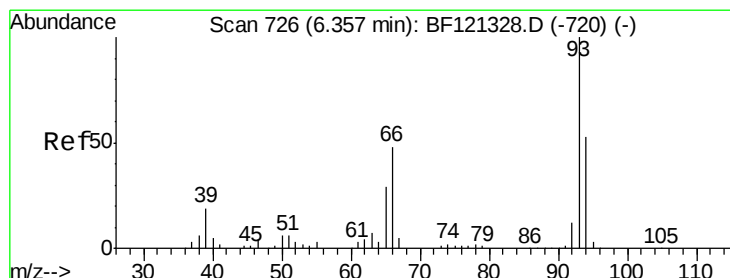
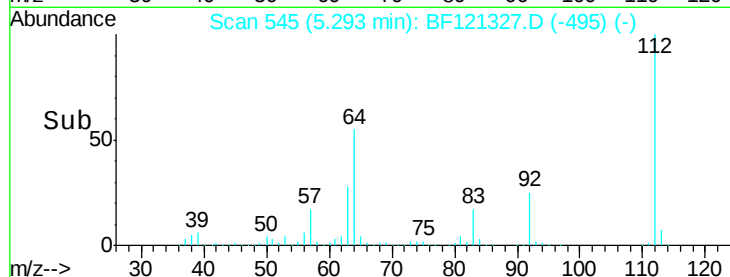
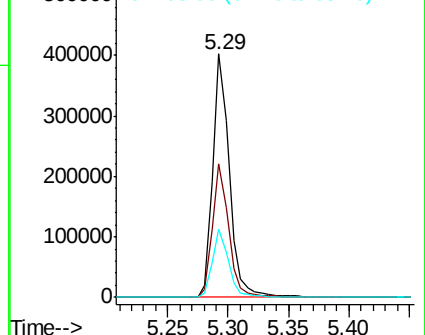
63 28.1 22.0 33.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.878 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

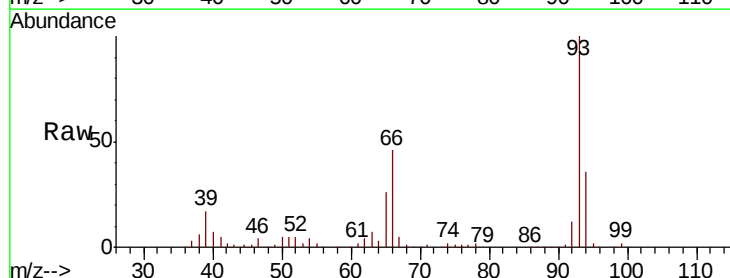
Tgt Ion: 93 Resp: 283564

Ion Ratio Lower Upper

93 100

66 46.2 40.2 60.2

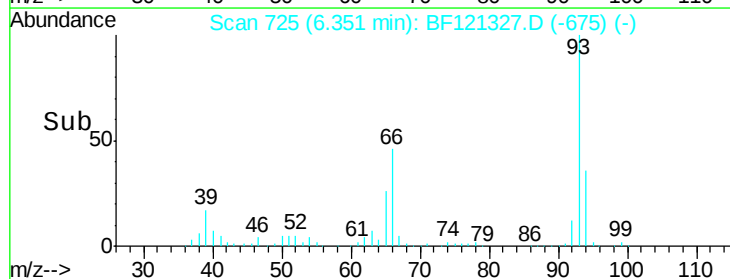
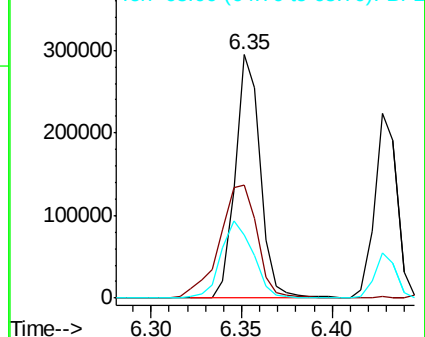
65 25.9 23.6 35.4

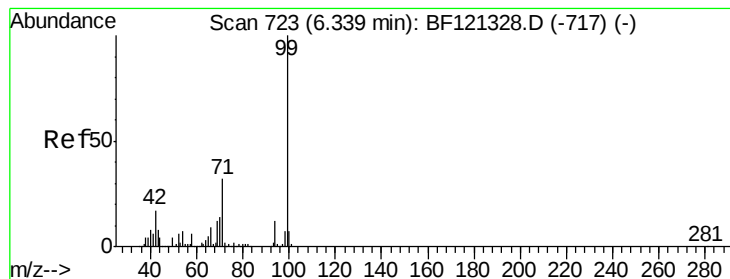


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 41.501 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

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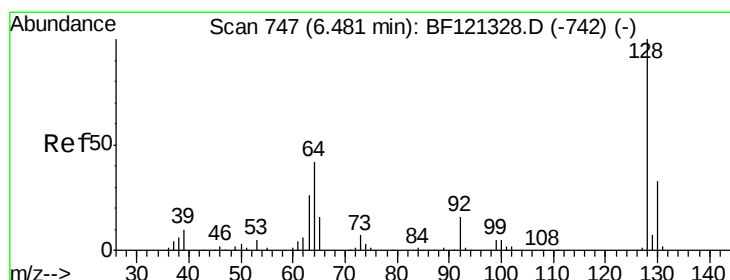
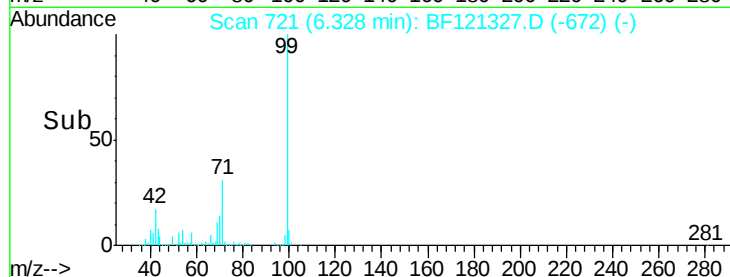
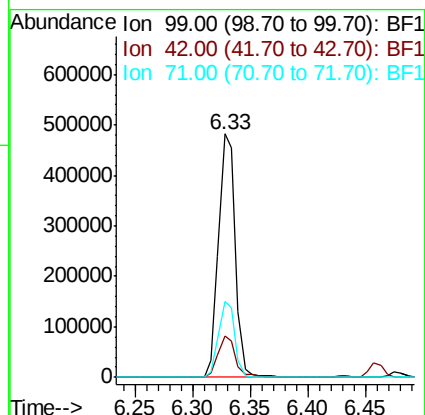
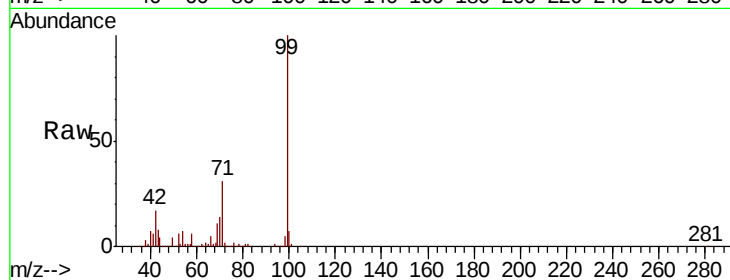
Tot Ion: 99 Resp: 487005

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 31.0 25.2 37.8



#8

2-Chlorophenol

Concen: 20.515 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

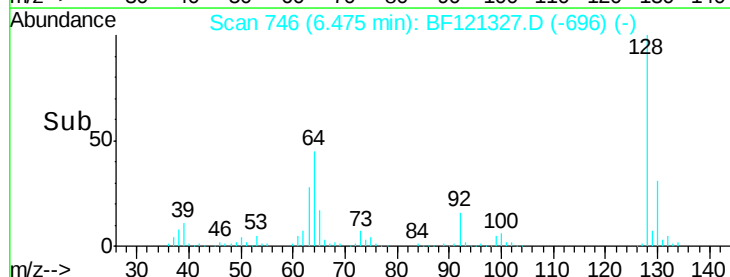
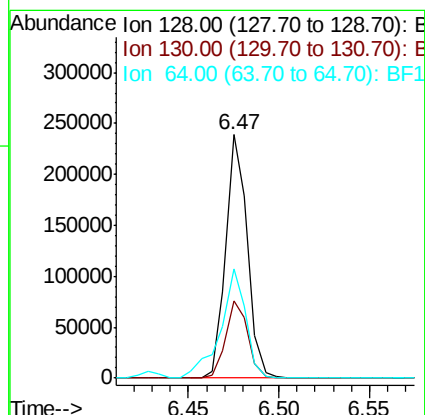
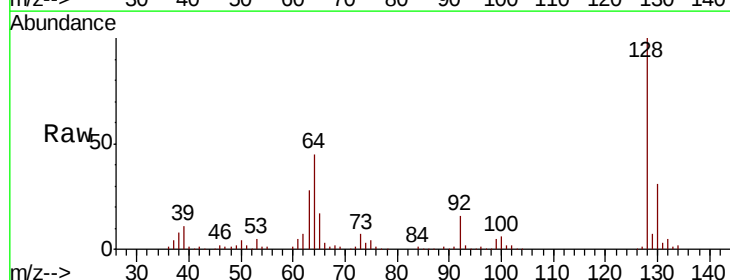
Tgt Ion: 128 Resp: 197695

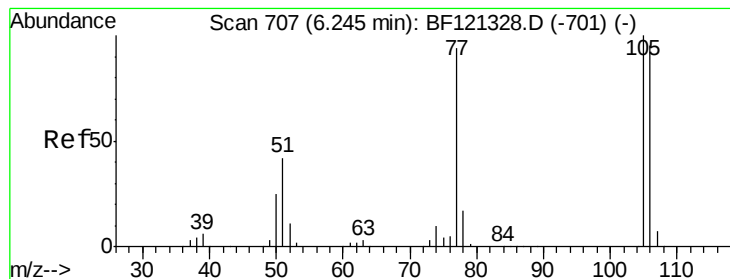
Ion Ratio Lower Upper

128 100

130 31.5 12.8 52.8

64 44.7 23.4 63.4





#9

Benzaldehyde

Concen: 21.046 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

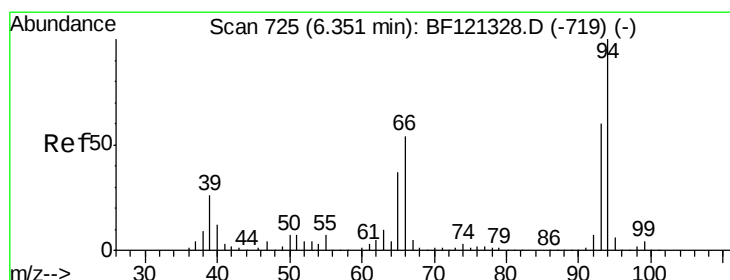
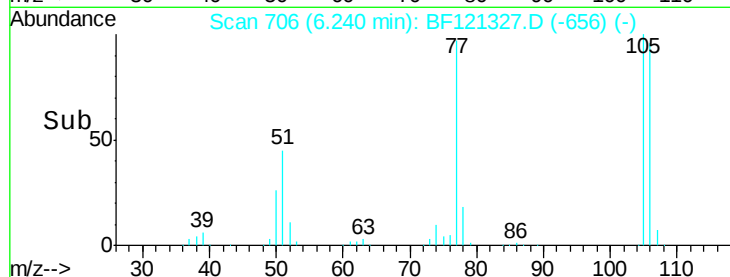
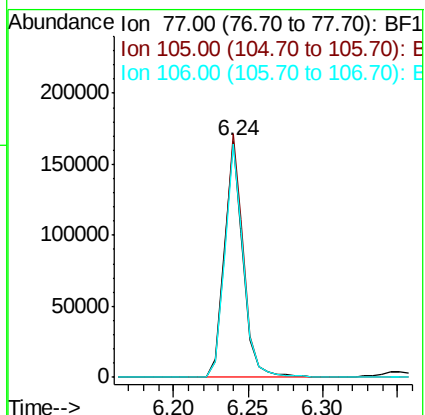
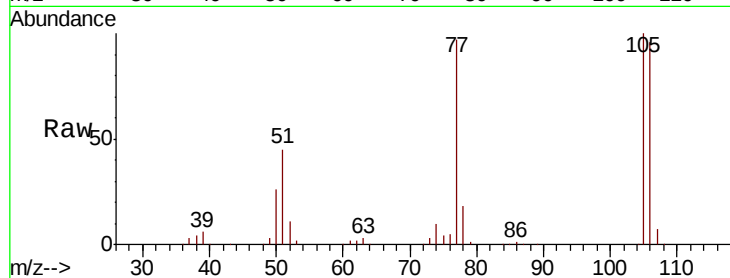
Tot Ion: 77 Resp: 146739

Ion Ratio Lower Upper

77 100

105 103.1 86.3 126.3

106 98.5 81.2 121.2



#10

Phenol

Concen: 21.329 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

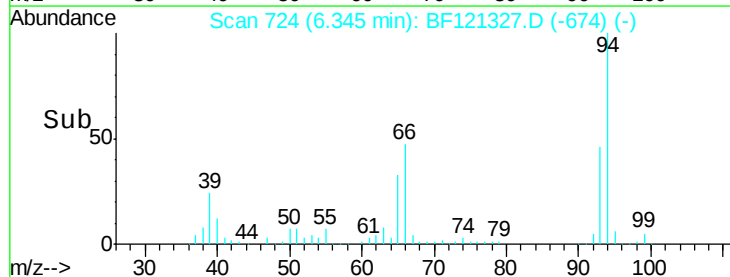
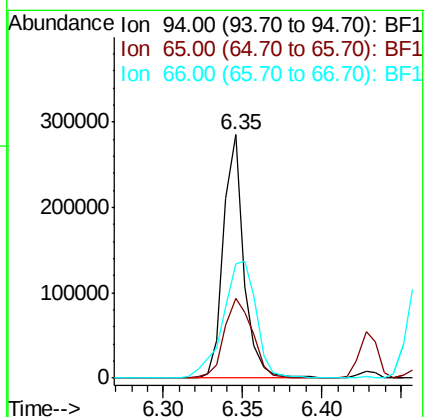
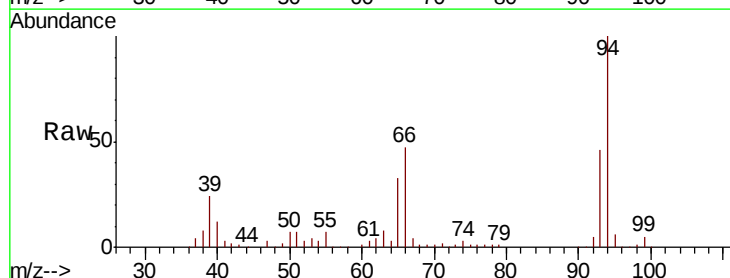
Tgt Ion: 94 Resp: 253281

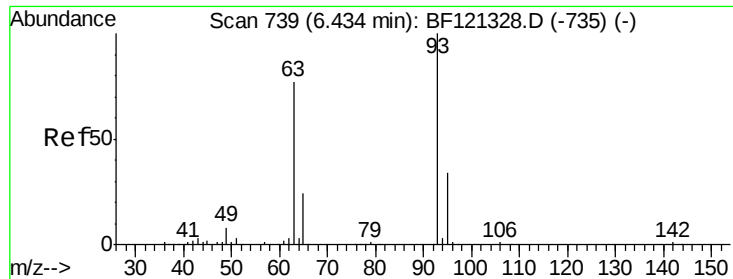
Ion Ratio Lower Upper

94 100

65 32.7 16.6 56.6

66 47.0 34.3 74.3

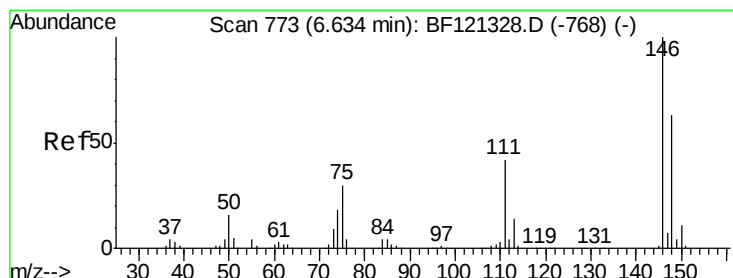
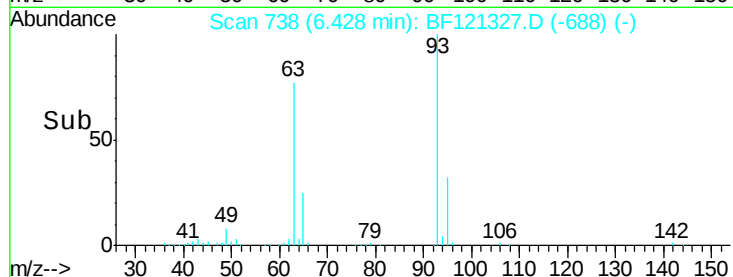
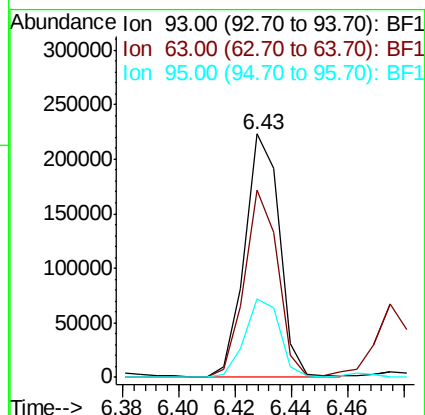
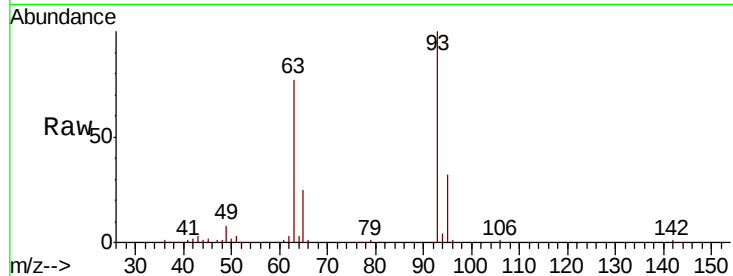




#11
bis(2-Chloroethyl)ether
Concen: 19.917 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

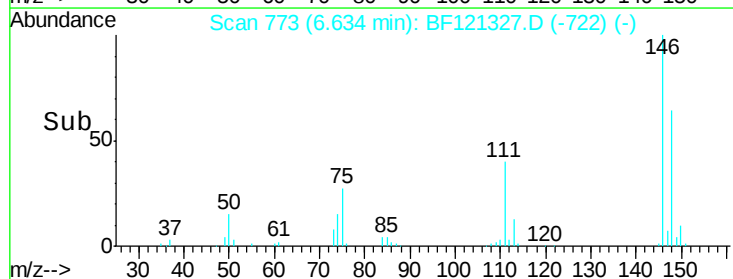
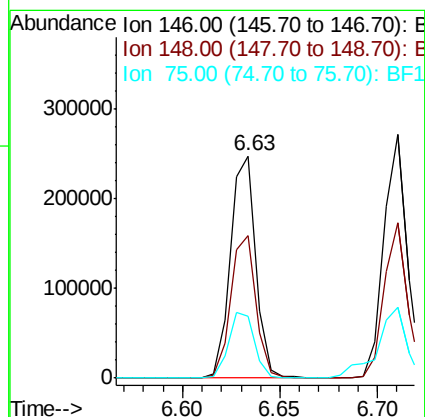
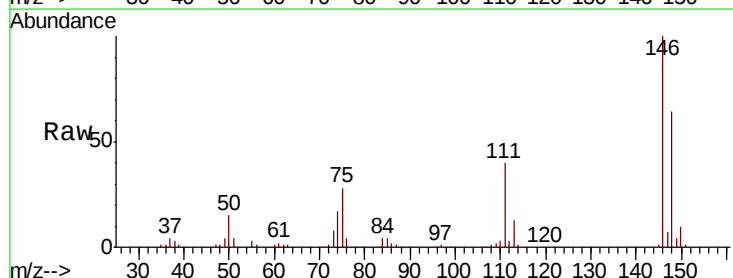
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

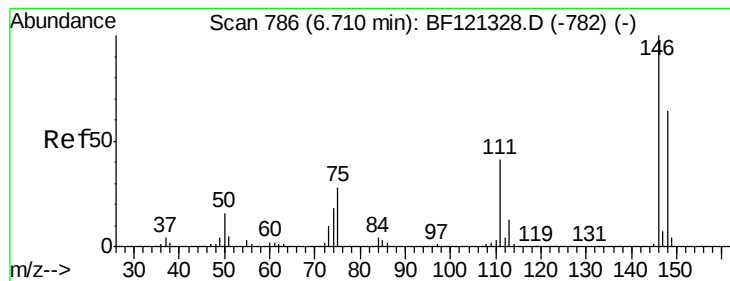
Tot Ion	93	Resp	189010
Ion Ratio	Lower	Upper	
93	100		
63	76.7	56.4	96.4
95	32.3	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 20.508 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Tgt Ion	146	Resp	222037
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.7	76.1
75	27.7	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 20.638 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

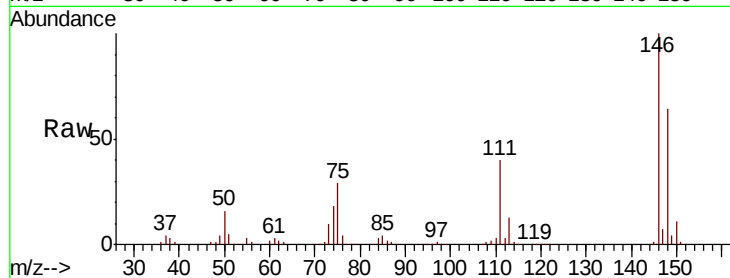
Tot Ion:146 Resp: 224135

Ion Ratio Lower Upper

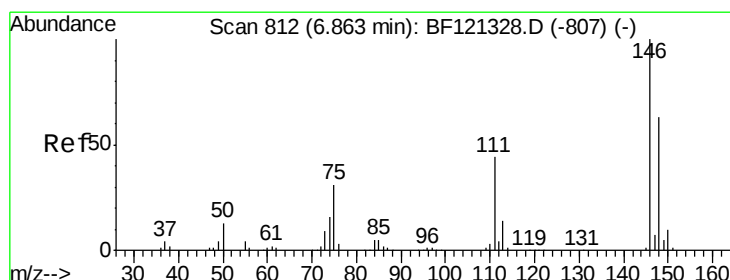
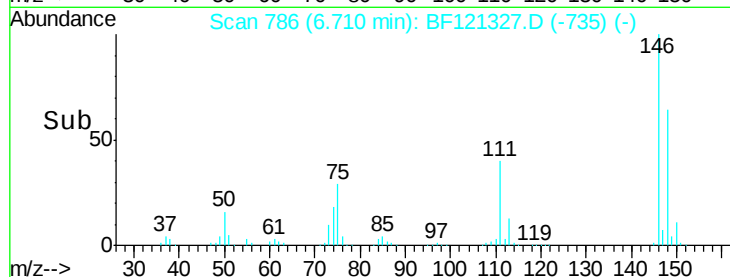
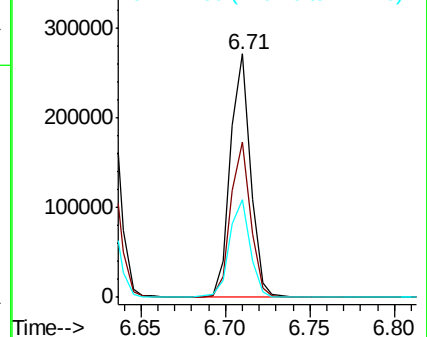
146 100

148 63.6 51.2 76.8

111 40.2 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 21.027 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

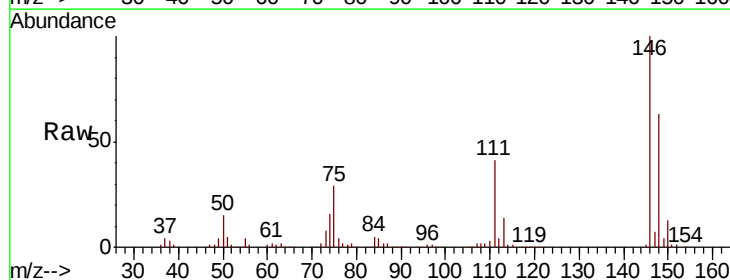
Tgt Ion:146 Resp: 208423

Ion Ratio Lower Upper

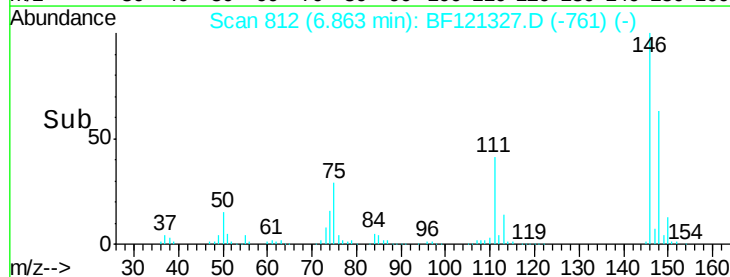
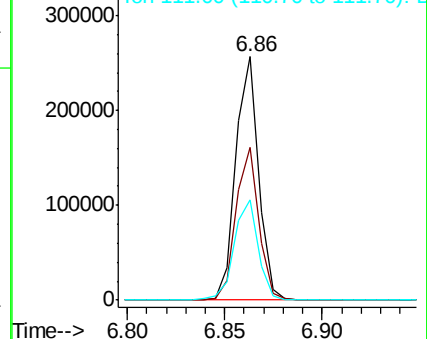
146 100

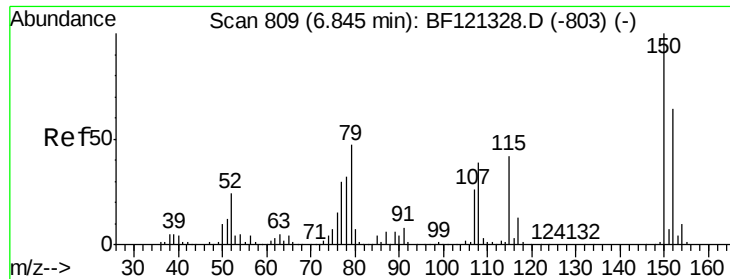
148 62.6 50.3 75.5

111 41.4 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

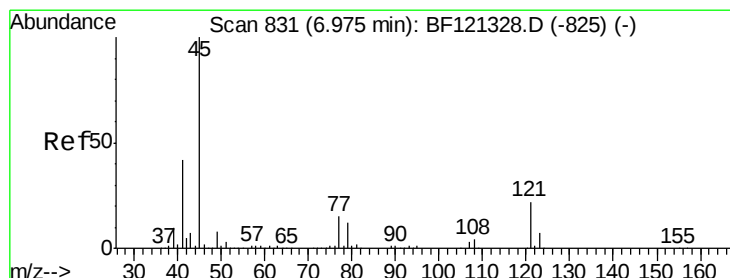
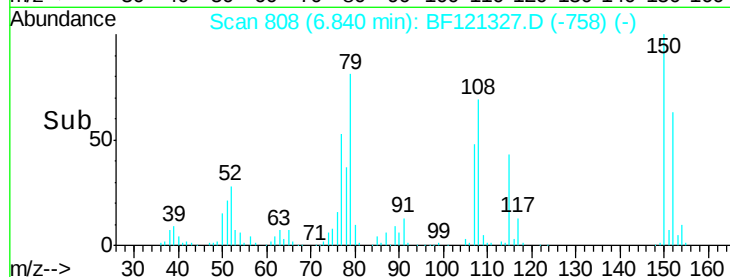
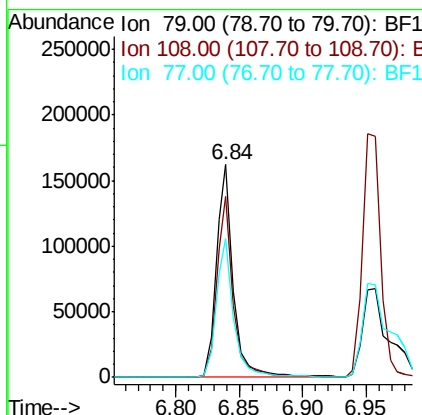
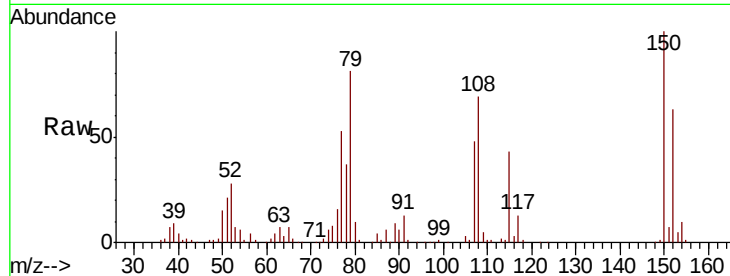




#15
Benzyl Alcohol
Concen: 20.888 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

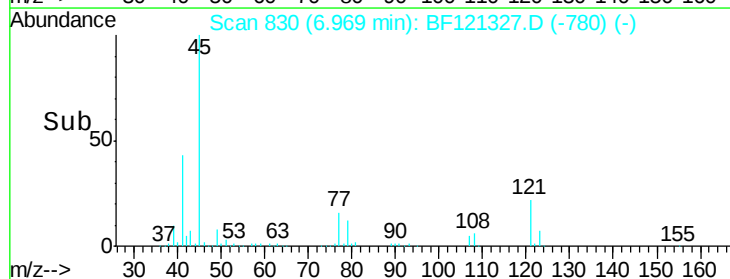
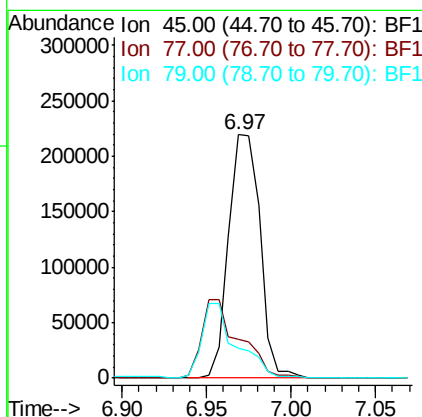
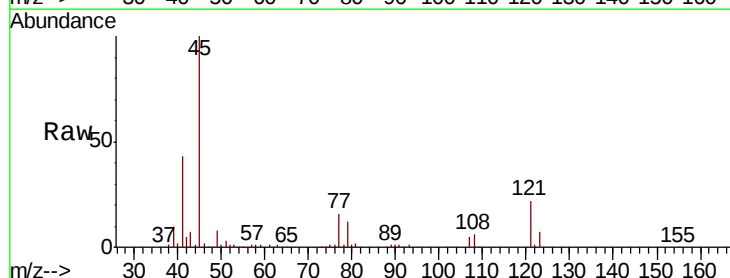
Instrument :
BNA_F
ClientSampleID :
SSTDIC020

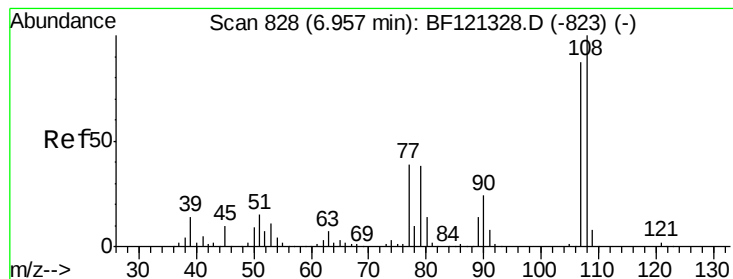
Tot Ion: 79 Resp: 152749
Ion Ratio Lower Upper
79 100
108 85.3 65.2 97.8
77 65.5 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.112 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Tgt Ion: 45 Resp: 283878
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.6
79 12.1 0.0 32.5





#17

2-Methylphenol

Concen: 20.212 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:107 Resp: 159989

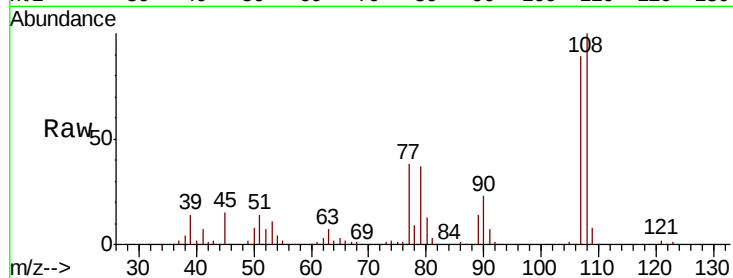
Ion Ratio Lower Upper

107 100

108 112.1 92.4 138.6

77 43.1 36.1 54.1

79 41.2 35.0 52.6

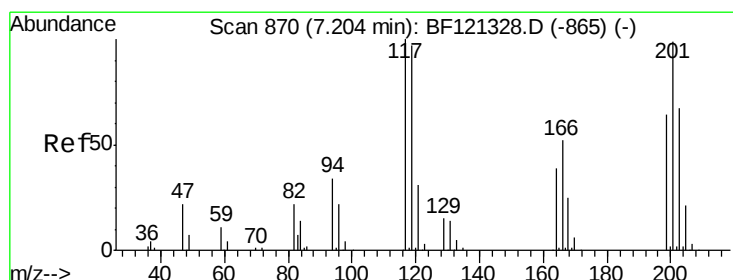
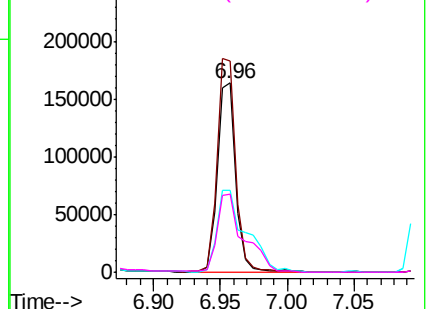
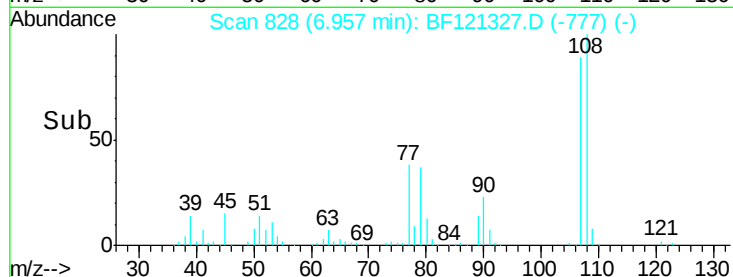


Abundance Ion 107.00 (106.70 to 107.70): E

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: 20.363 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

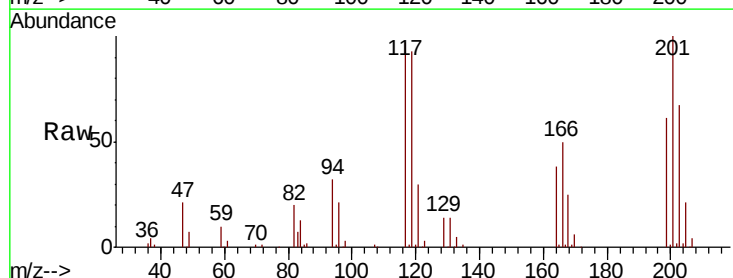
Tgt Ion:117 Resp: 82868

Ion Ratio Lower Upper

117 100

119 95.6 77.9 116.9

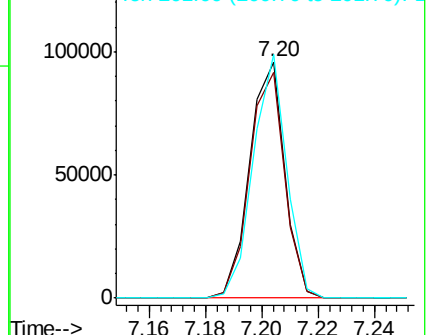
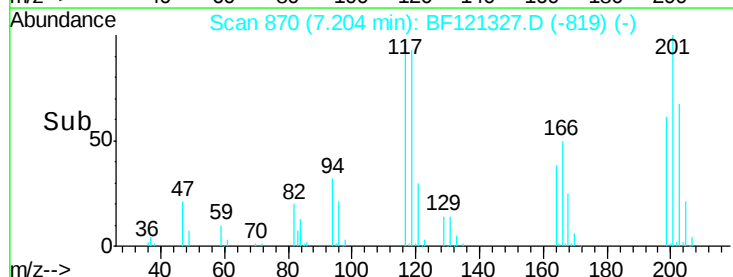
201 103.0 79.4 119.0

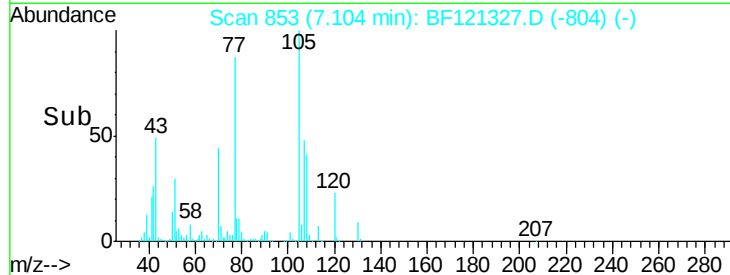
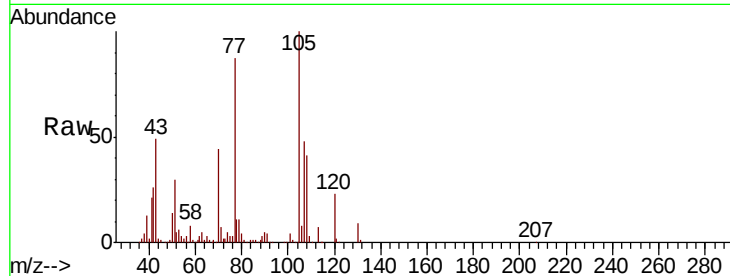
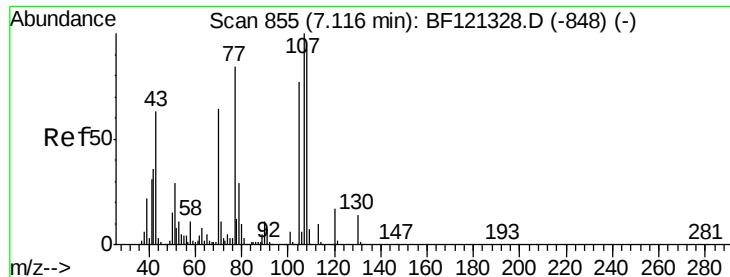


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

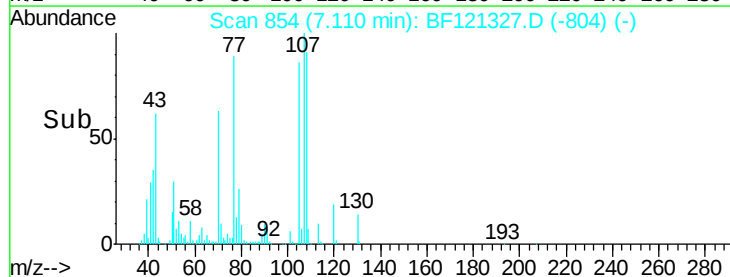
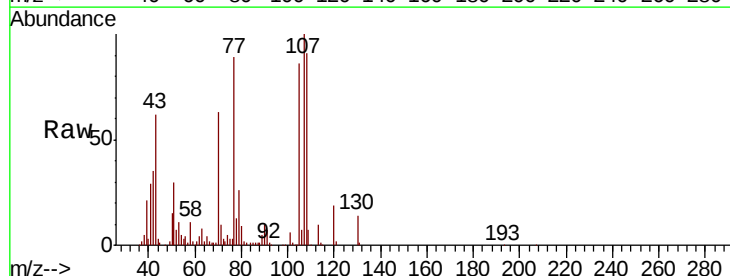
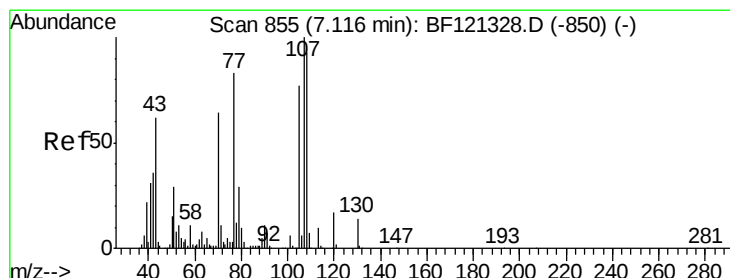
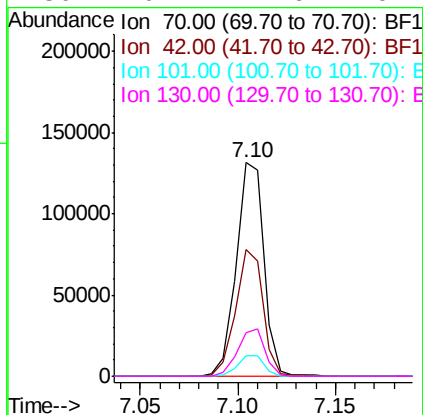




#19
n-Nitroso-di-n-propylamine
Concen: 19.982 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

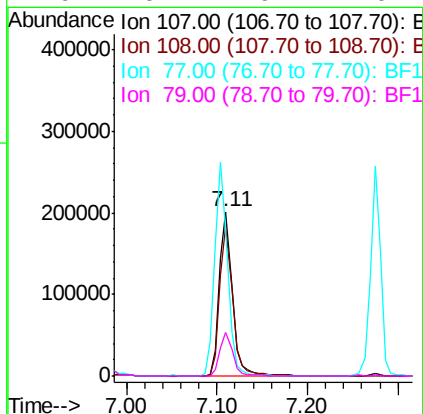
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

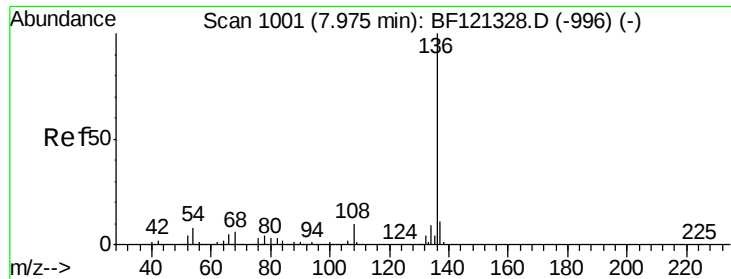
Tot Ion:	70	Resp:	129182
Ion	Ratio	Lower	Upper
70	100		
42	59.6	45.2	67.8
101	9.8	7.7	11.5
130	20.2	17.6	26.4



#20
3+4-Methylphenols
Concen: 21.368 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Tgt Ion:	107	Resp:	198208
Ion	Ratio	Lower	Upper
107	100		
108	91.3	72.6	112.6
77	88.8	63.8	103.8
79	26.2	9.1	49.1

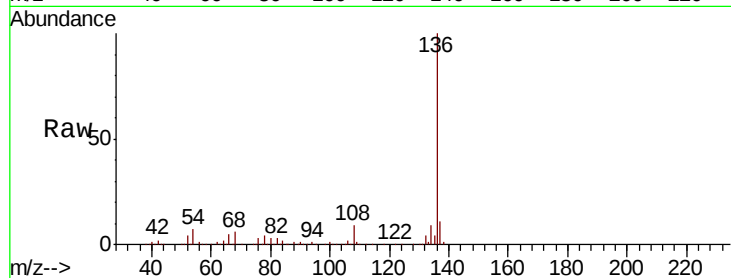




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion:136	Resp:	570469
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	7.5	6.1 9.1
68	5.9	5.0 7.4



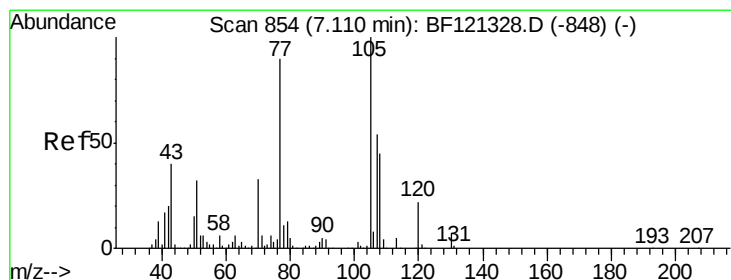
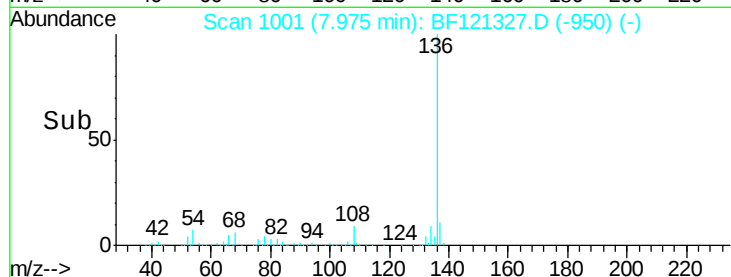
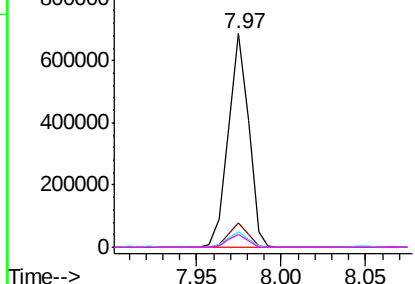
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

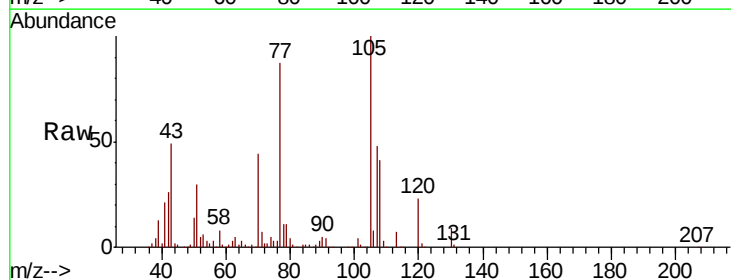
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 20.485 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Tgt Ion:105	Resp:	273097
Ion	Ratio	Lower Upper
105	100	
71	7.4	4.5 6.7#
51	30.2	25.4 38.0
120	22.7	17.6 26.4



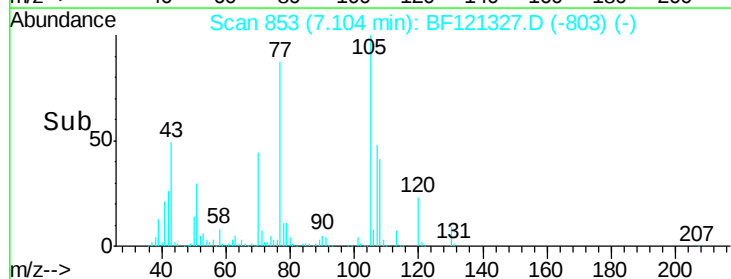
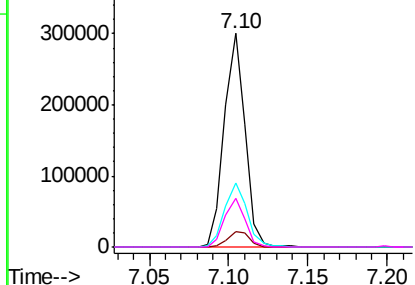
Abundance

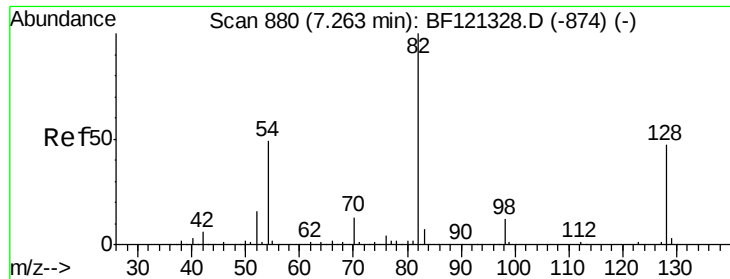
Ion 105.00 (104.70 to 105.70): E

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

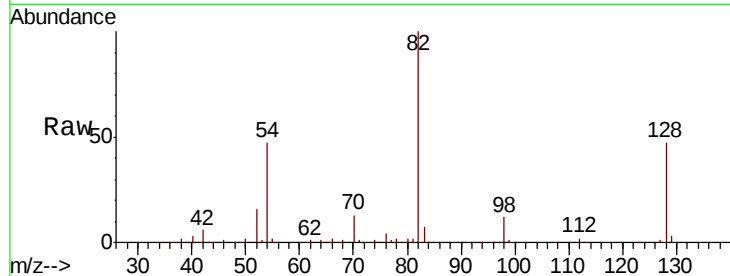




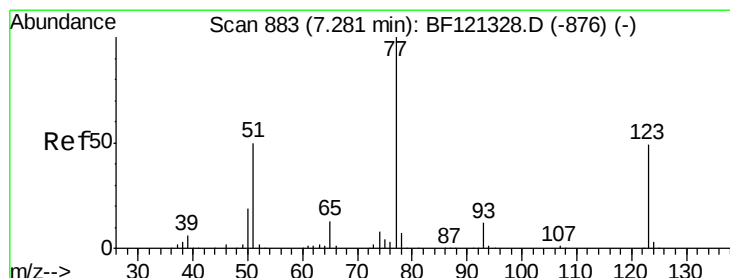
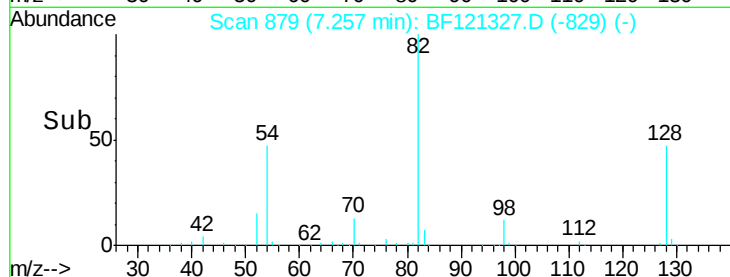
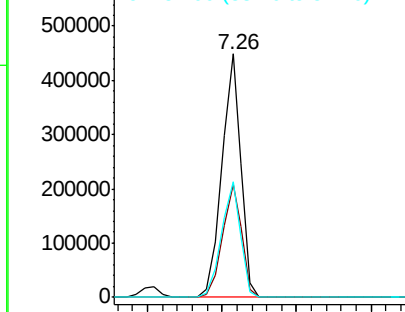
#23
Nitrobenzene-d5
Concen: 40.040 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	82	Resp	403444
Ion Ratio	Lower	Upper	
82	100		
128	46.5	37.9	56.9
54	47.4	39.0	58.4

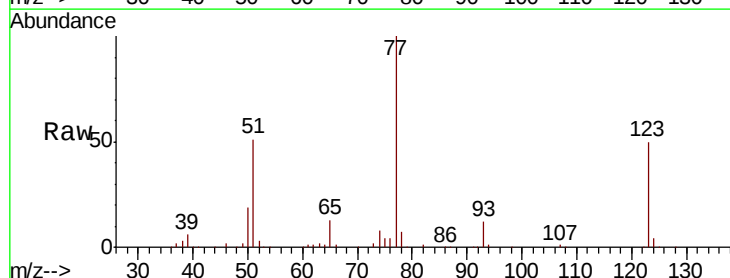


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

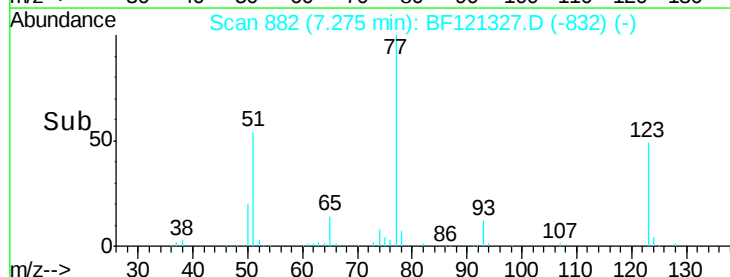
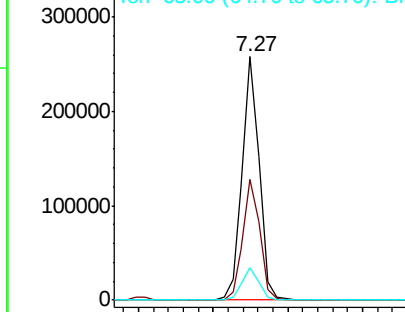


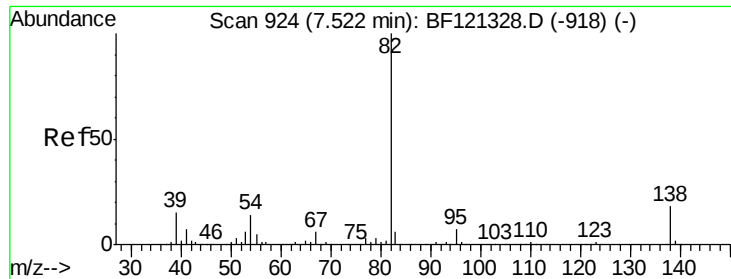
#24
Nitrobenzene
Concen: 20.079 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Tgt Ion	77	Resp	205656
Ion Ratio	Lower	Upper	
77	100		
123	49.6	39.2	58.8
65	13.1	10.6	15.8



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: 19.207 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

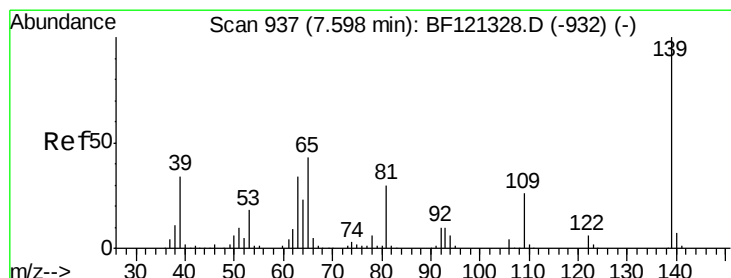
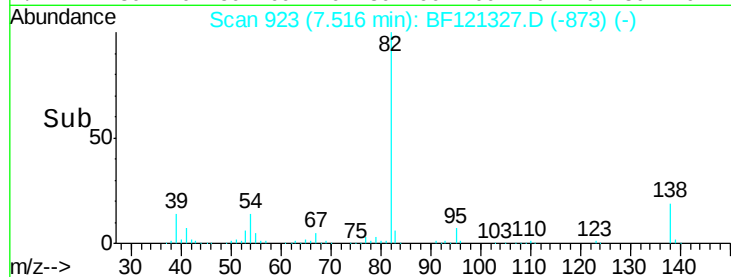
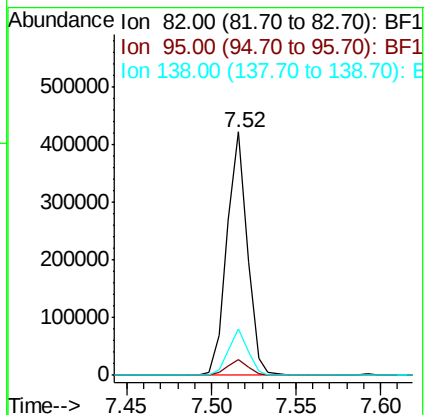
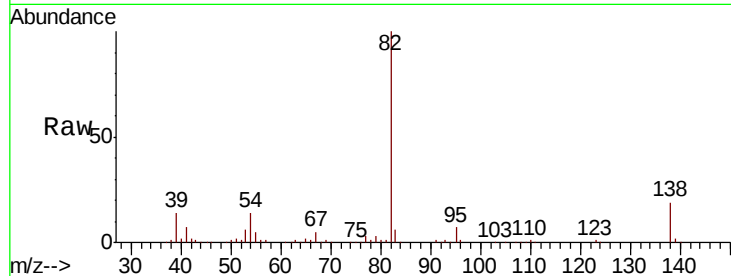
Tot Ion: 82 Resp: 355974

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.0 14.6 21.8



#26

2-Nitrophenol

Concen: 19.352 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

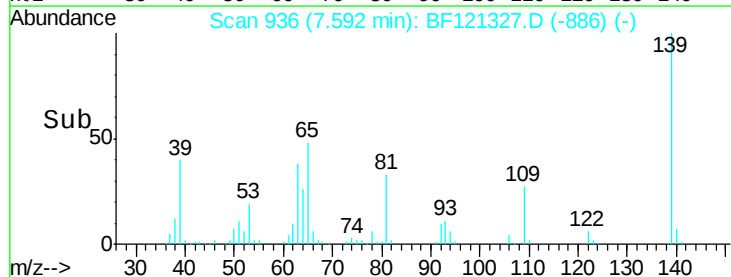
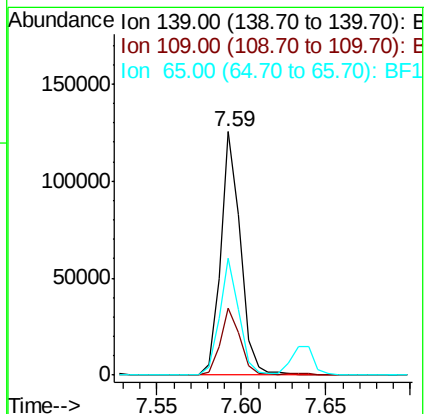
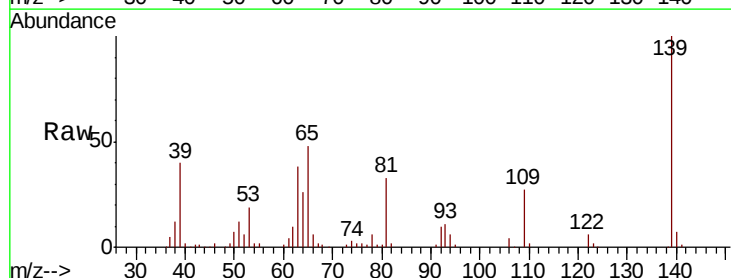
Tgt Ion: 139 Resp: 102820

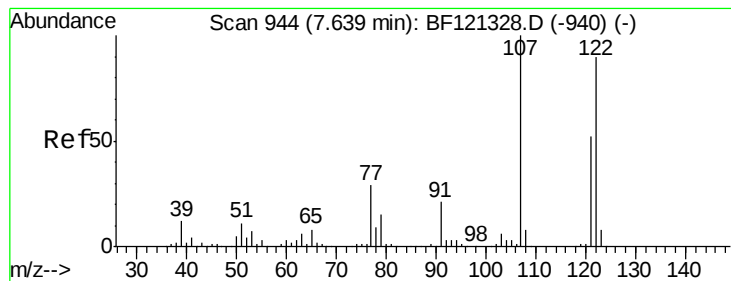
Ion Ratio Lower Upper

139 100

109 27.3 21.1 31.7

65 47.8 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 20.005 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

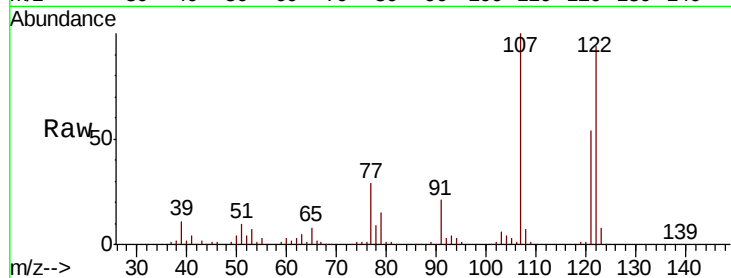
Tot Ion:122 Resp: 151075

Ion Ratio Lower Upper

122 100

107 106.3 89.0 133.4

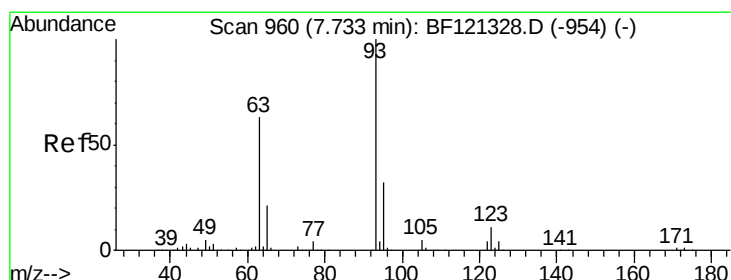
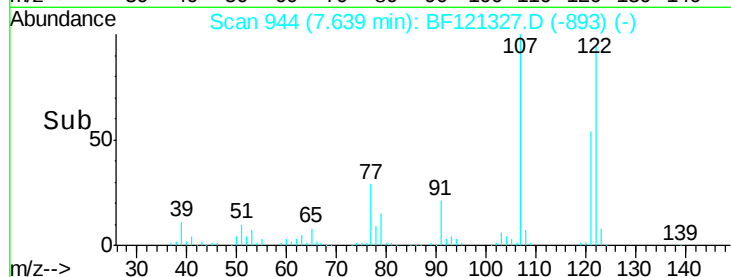
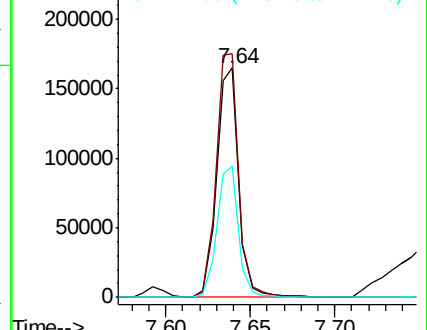
121 56.9 46.4 69.6



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: 19.720 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

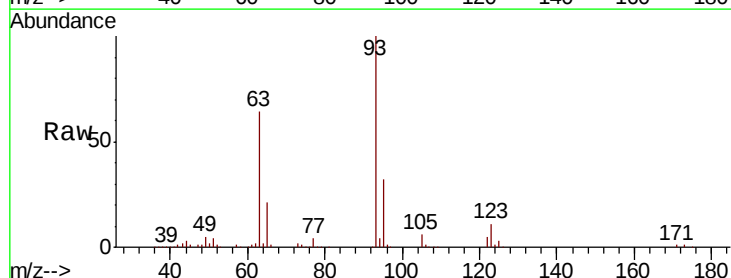
Tgt Ion: 93 Resp: 247638

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.8

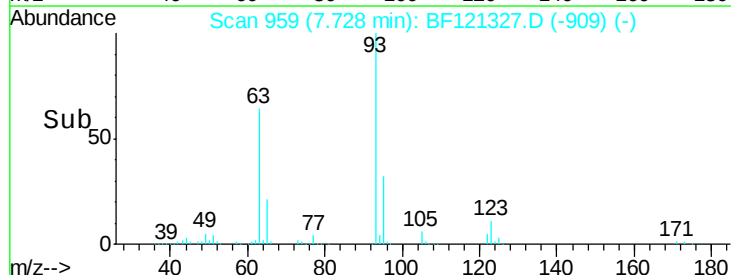
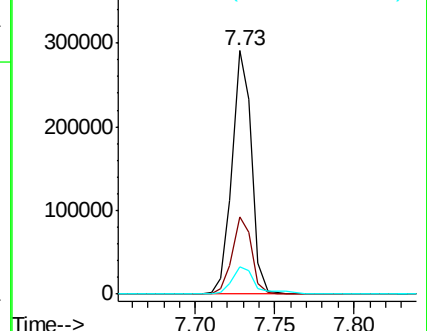
123 11.3 9.0 13.6

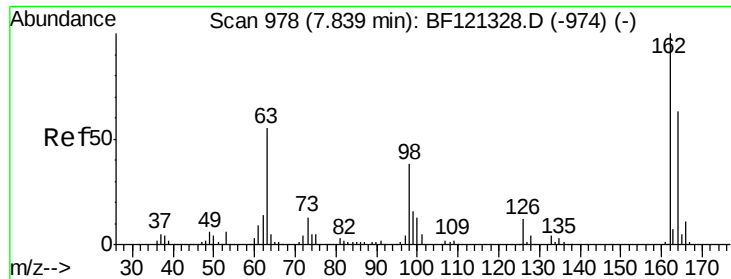


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

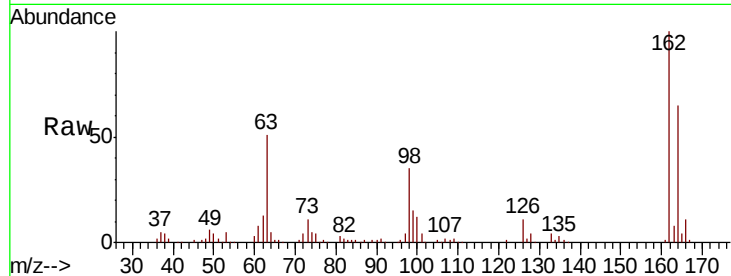




#29
 2,4-Dichlorophenol
 Concen: 20.051 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.4	83.4
98	35.4	18.1	58.1

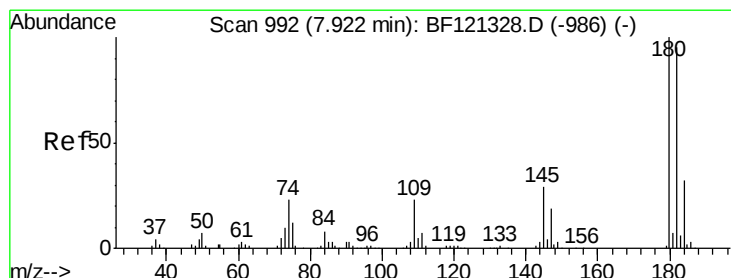
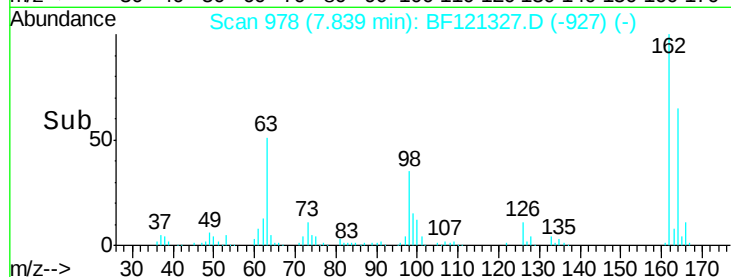
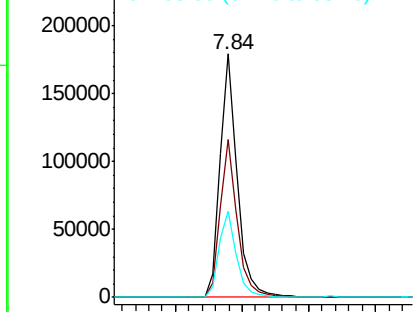


Abundance

Ion 162.00 (161.70 to 162.70): E

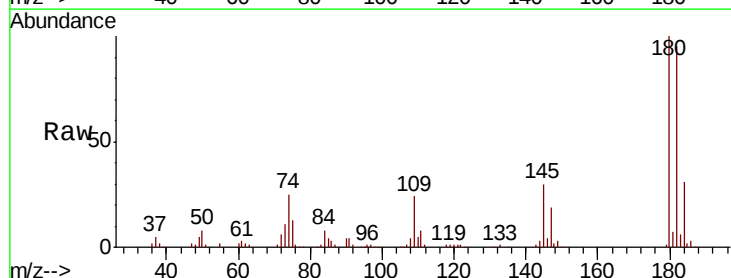
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 20.234 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.9	113.9
145	29.8	23.2	34.8

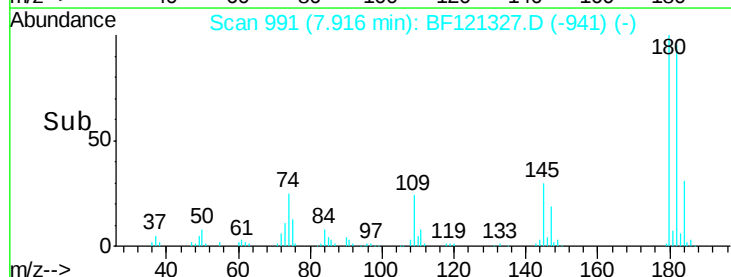
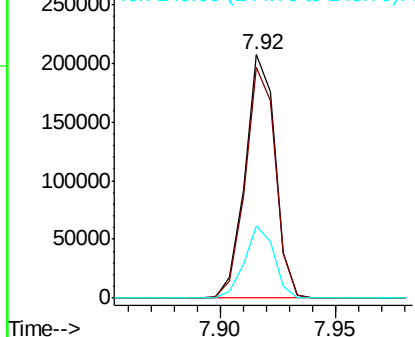


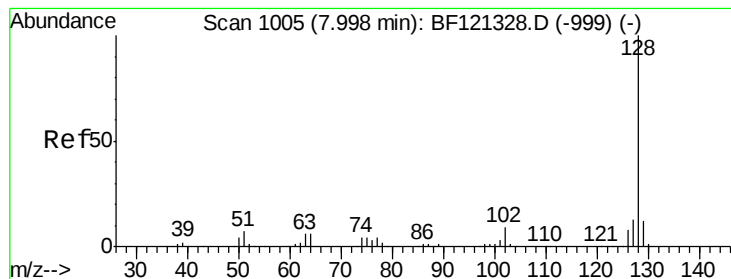
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 20.661 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

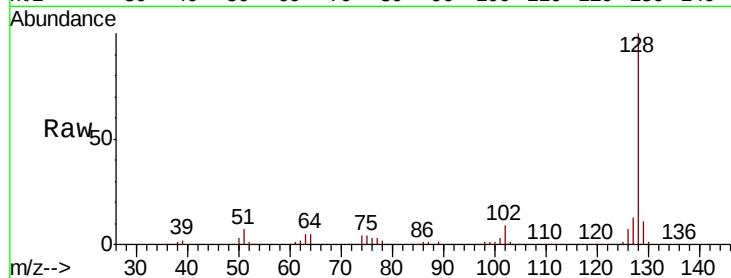
Tot Ion:128 Resp: 581201

Ion Ratio Lower Upper

128 100

129 10.8 9.3 13.9

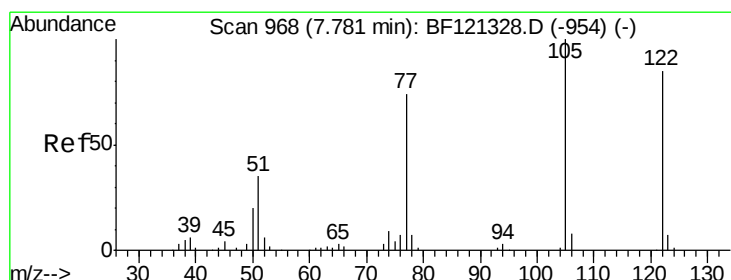
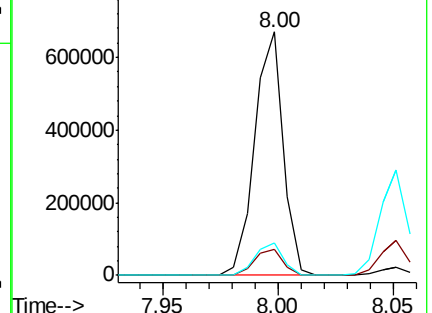
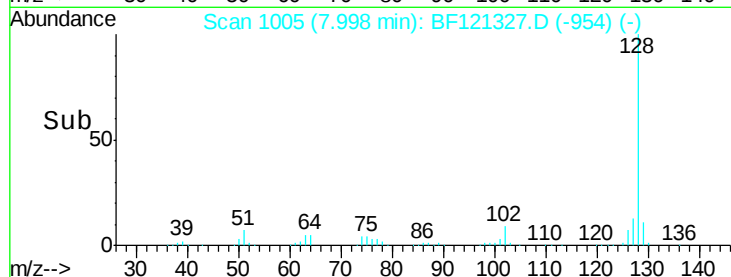
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.593 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

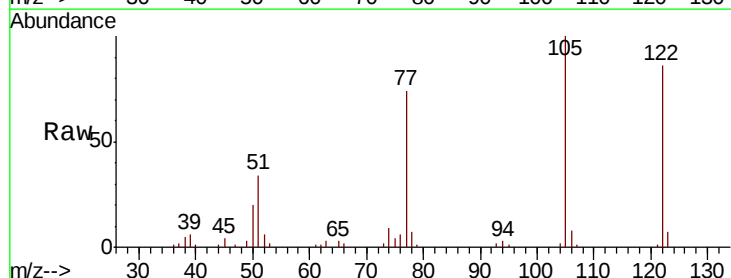
Tgt Ion:122 Resp: 88740

Ion Ratio Lower Upper

122 100

105 115.7 96.7 136.7

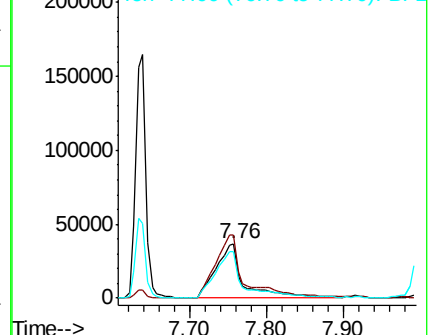
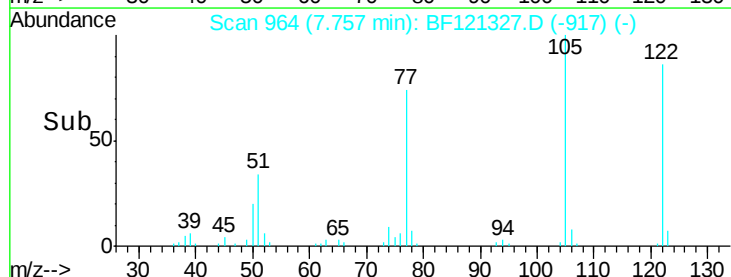
77 85.8 66.7 106.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

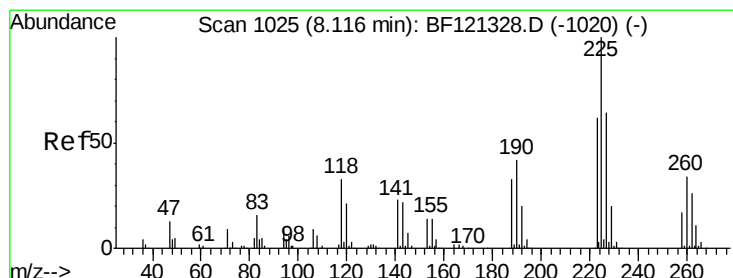
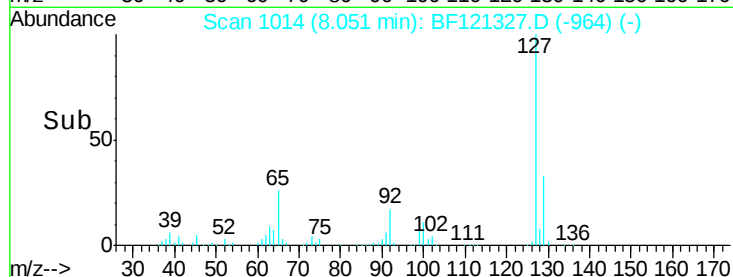
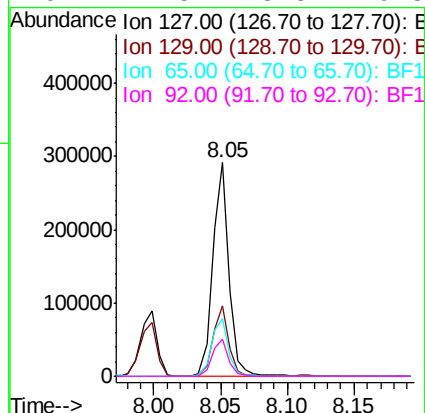
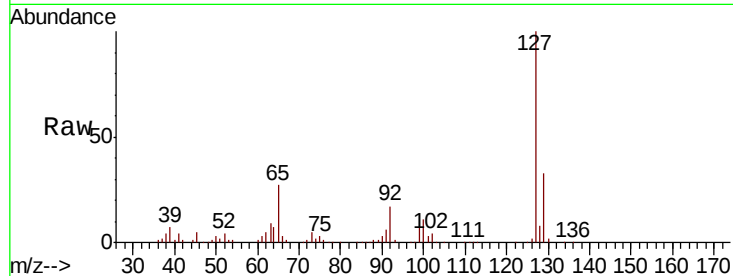




#33
4-Chloroaniline
Concen: 19.623 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

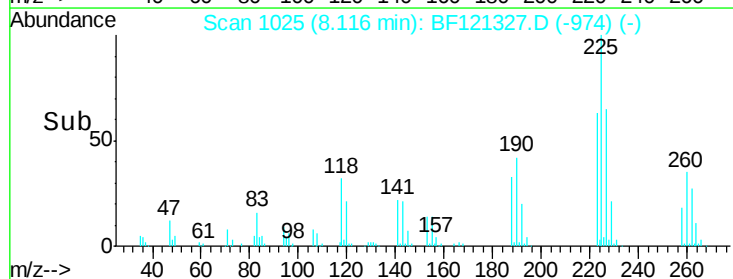
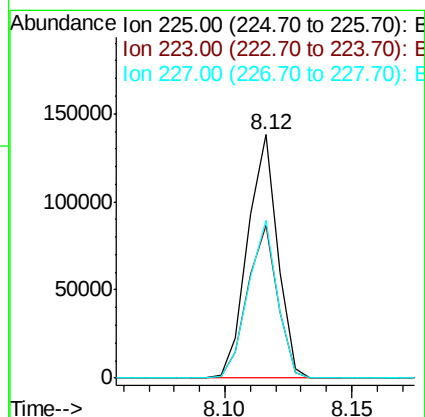
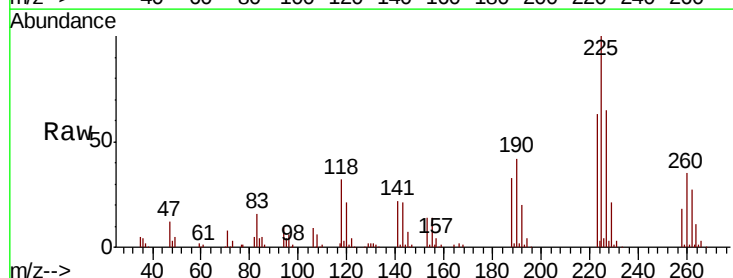
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

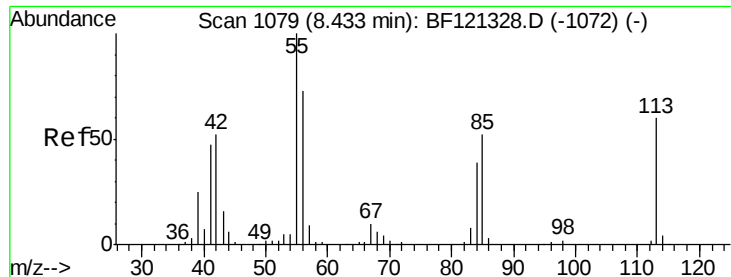
Tot Ion:	127	Resp:	246582
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	26.9	20.9	31.3
92	17.5	13.8	20.8



#34
Hexachlorobutadiene
Concen: 20.402 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Tgt Ion:	225	Resp:	113576
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	64.6	50.9	76.3





#35

Caprolactam

Concen: 18.755 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

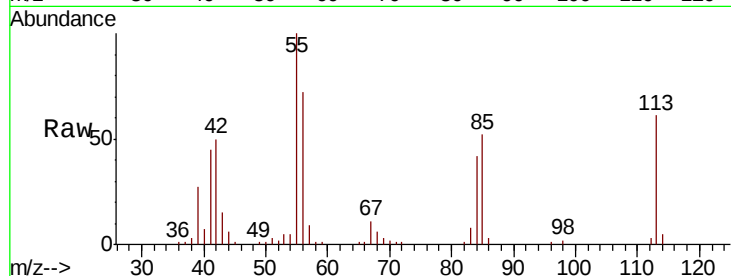
Tot Ion:113 Resp: 51498

Ion Ratio Lower Upper

113 100

55 163.9 147.9 187.9

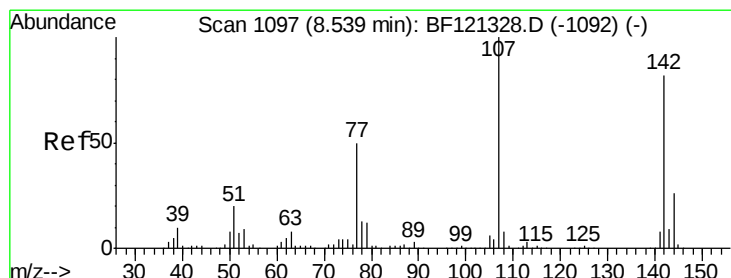
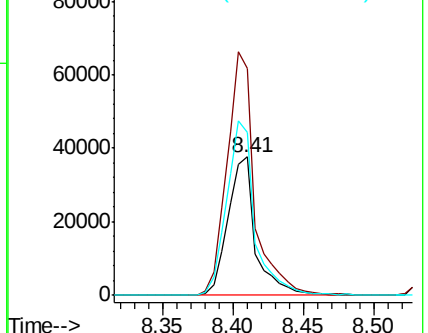
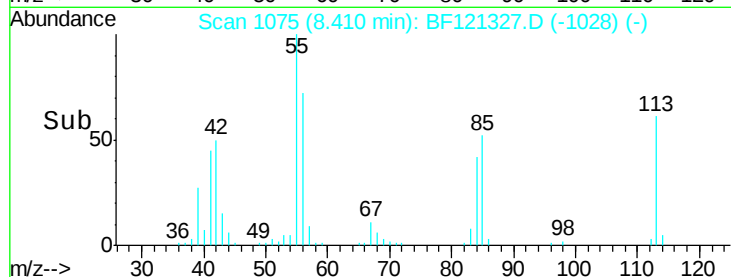
56 117.8 102.4 142.4



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: 19.640 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

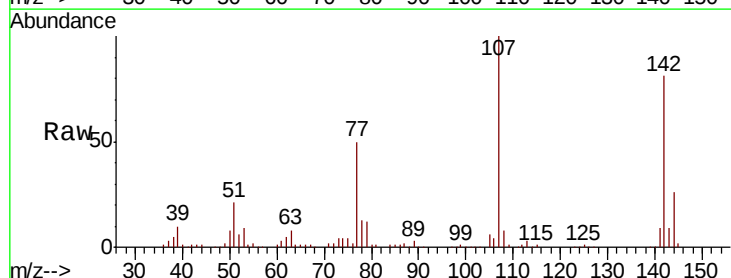
Tgt Ion:107 Resp: 165466

Ion Ratio Lower Upper

107 100

144 26.2 21.1 31.7

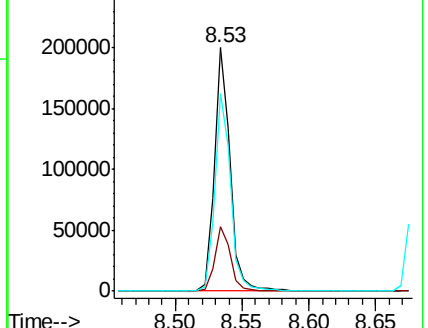
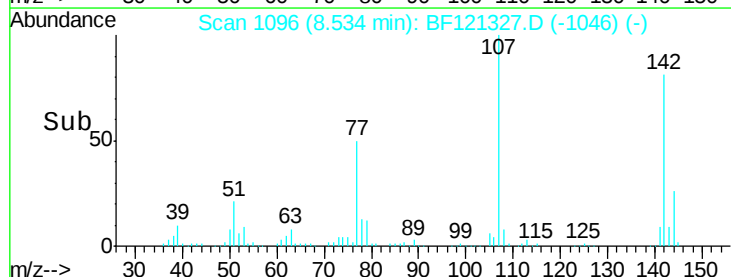
142 81.3 65.6 98.4

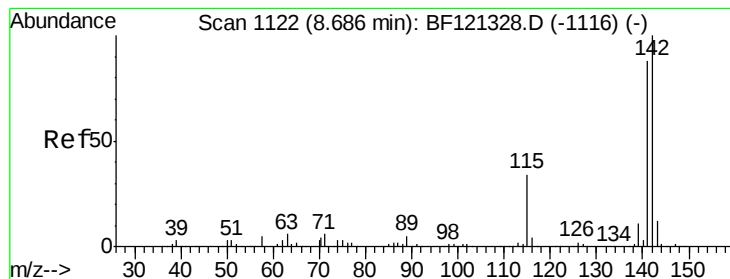


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 20.340 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

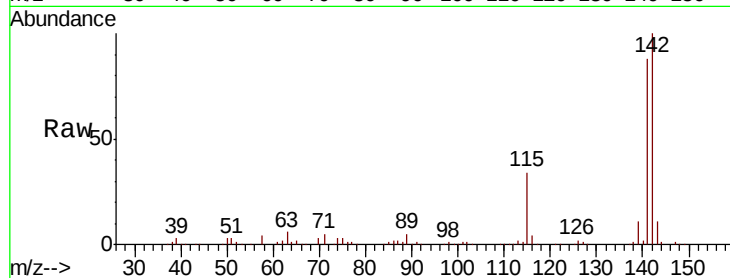
Tot Ion:142 Resp: 377904

Ion Ratio Lower Upper

142 100

141 87.9 70.3 105.5

115 33.9 26.9 40.3



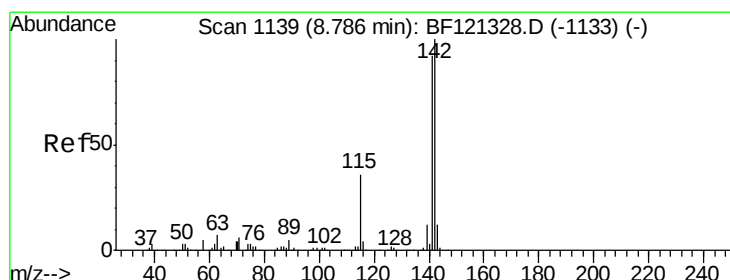
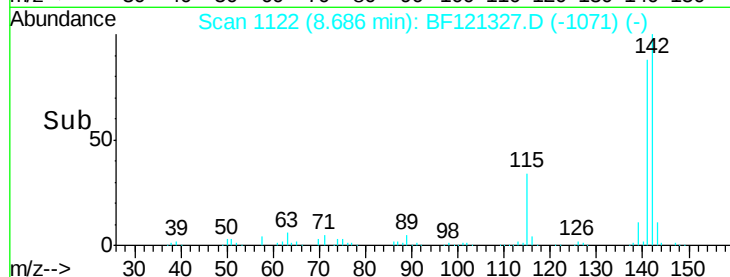
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.69

Time-->



#38

1-Methylnaphthalene

Concen: 20.546 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

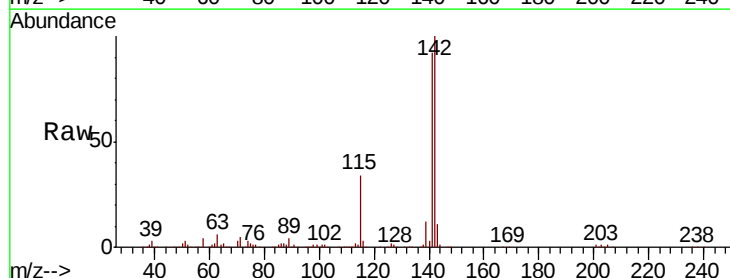
Tgt Ion:142 Resp: 360973

Ion Ratio Lower Upper

142 100

141 91.7 73.6 110.4

116 3.5 3.0 4.4



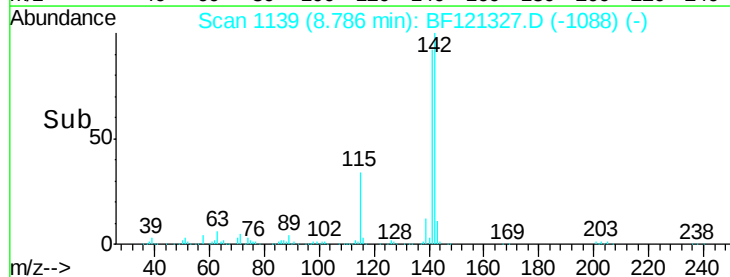
Abundance Ion 142.00 (141.70 to 142.70): E

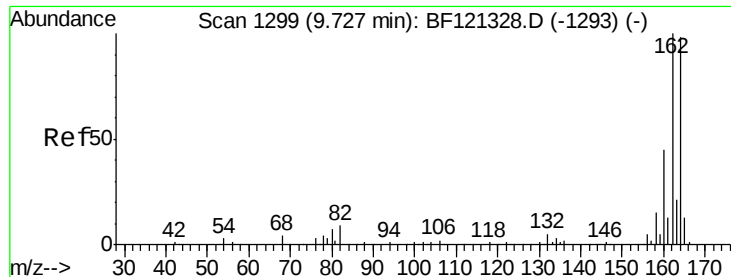
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.79

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

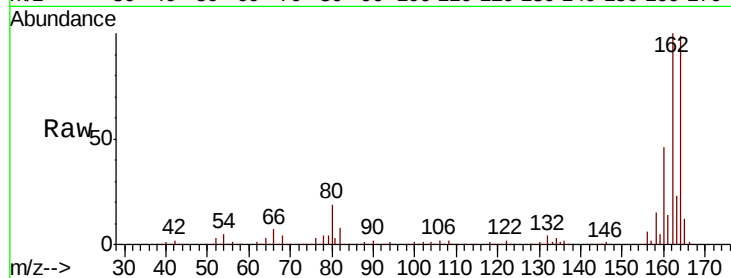
Tot Ion:164 Resp: 294996

Ion Ratio Lower Upper

164 100

162 101.0 81.7 122.5

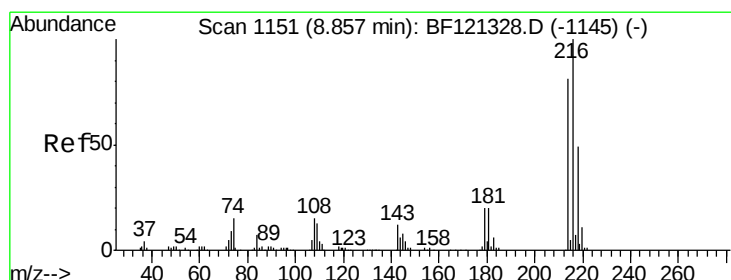
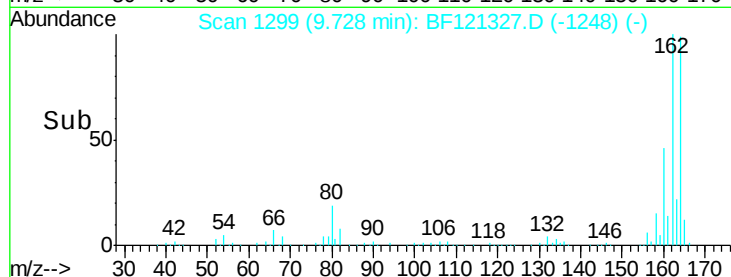
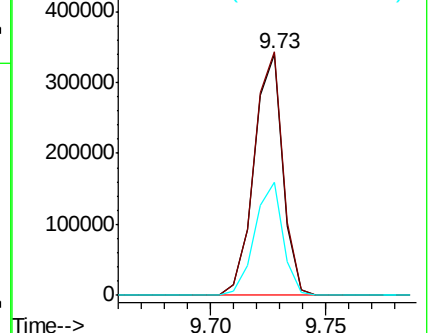
160 46.8 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.784 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Tgt Ion:216 Resp: 180585

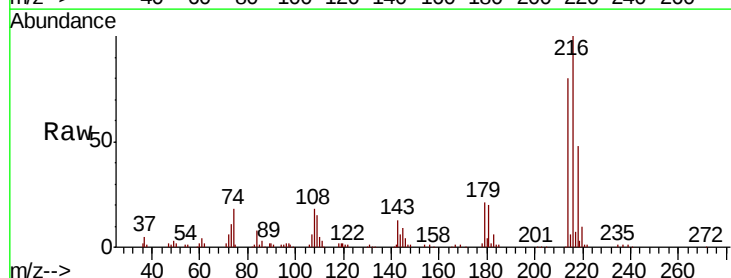
Ion Ratio Lower Upper

216 100

214 78.7 64.2 96.2

179 20.3 16.4 24.6

108 17.7 14.2 21.4

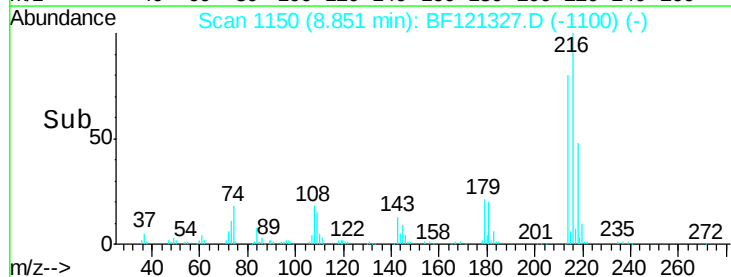
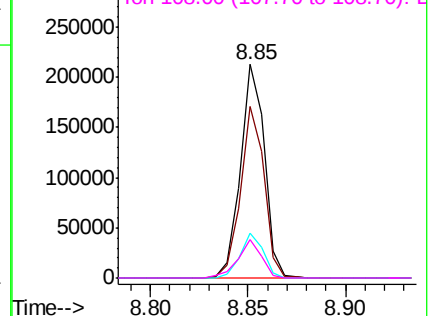


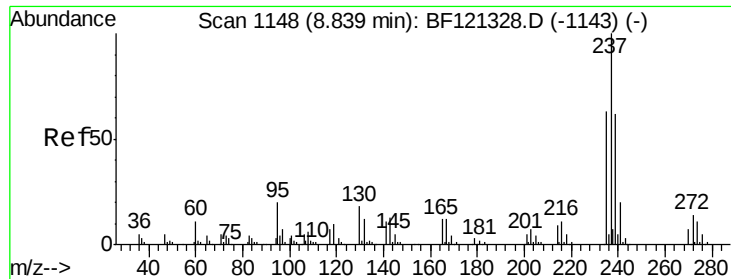
Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.989 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

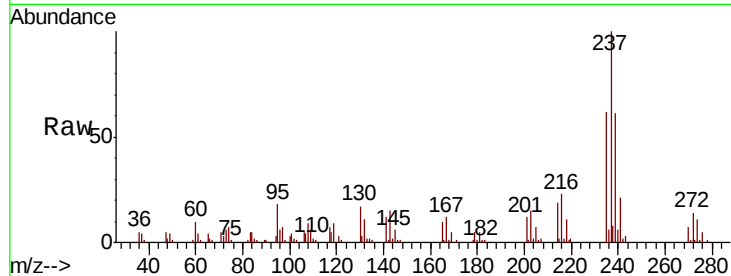
Tot Ion:237 Resp: 49481

Ion Ratio Lower Upper

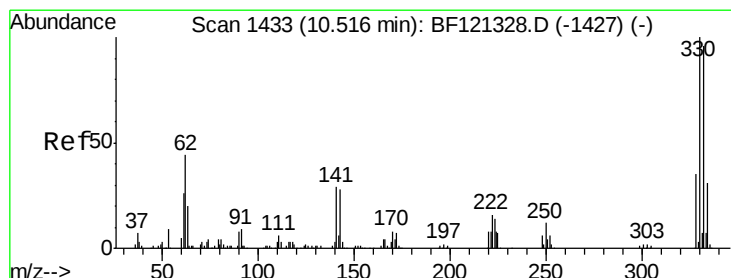
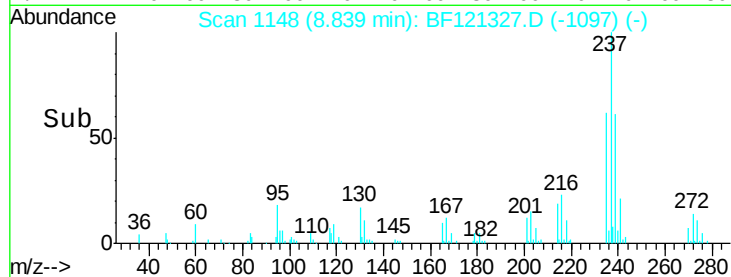
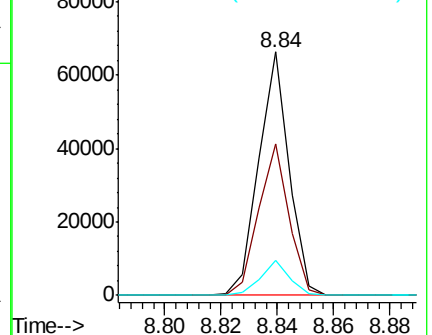
237 100

235 62.2 42.7 82.7

272 14.2 0.0 33.7



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: 40.866 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

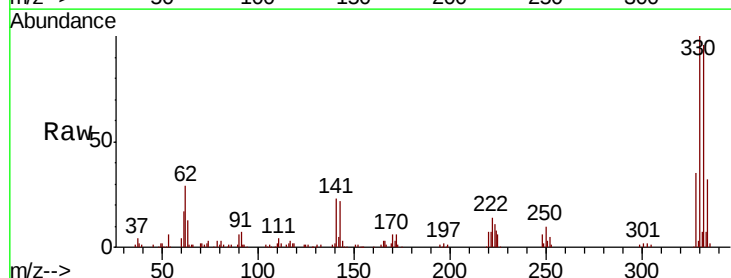
Tgt Ion:330 Resp: 143398

Ion Ratio Lower Upper

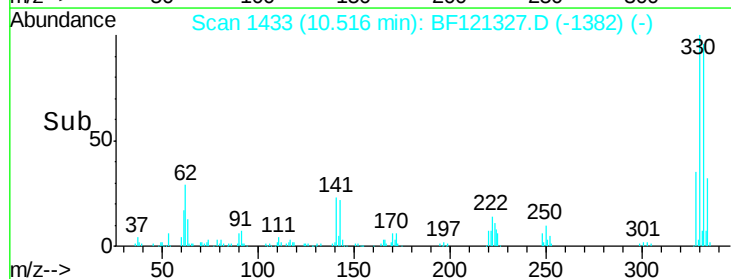
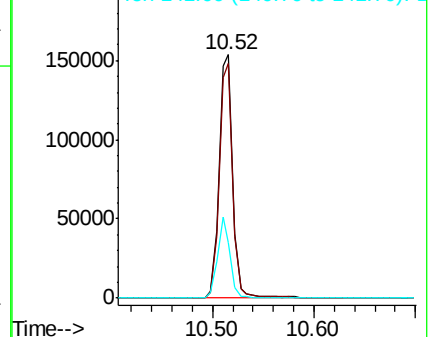
330 100

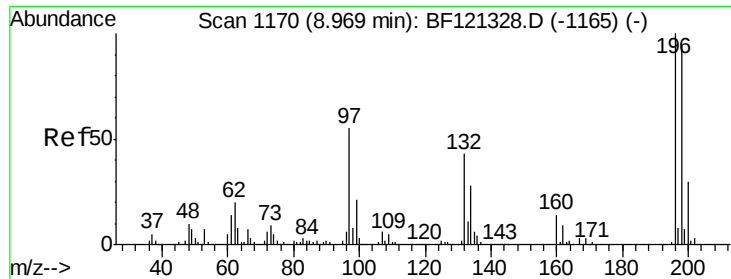
332 95.6 76.9 115.3

141 30.1 22.8 34.2



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

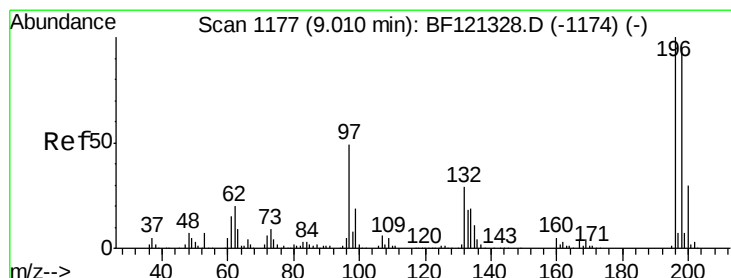
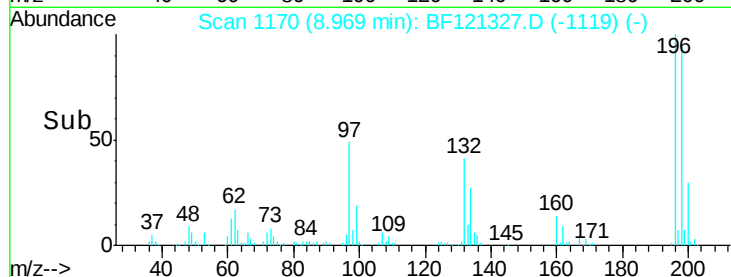
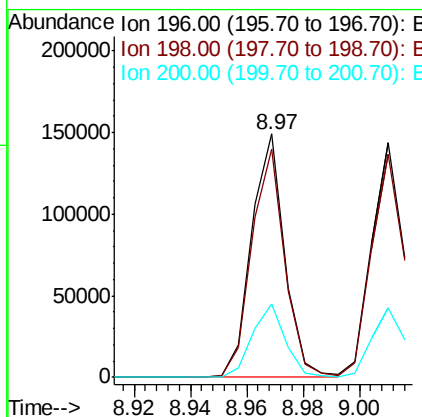
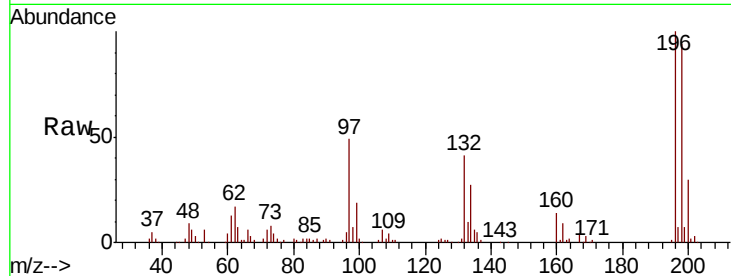




#43
 2,4,6-Trichlorophenol
 Concen: 20.225 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

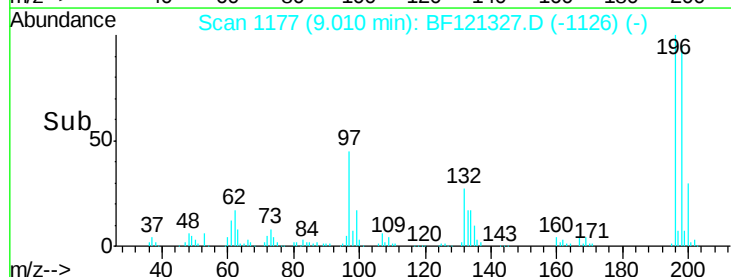
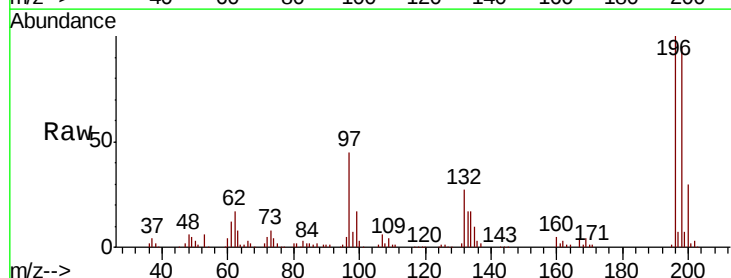
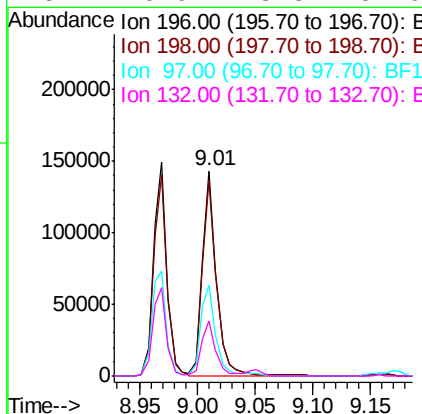
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

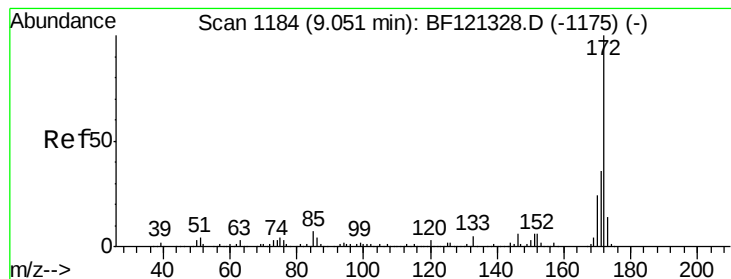
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.6	113.4
200	30.1	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 20.398 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.6	113.4
97	44.5	39.6	59.4
132	26.9	23.3	34.9





#45

2-Fluorobiphenyl

Concen: 42.542 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

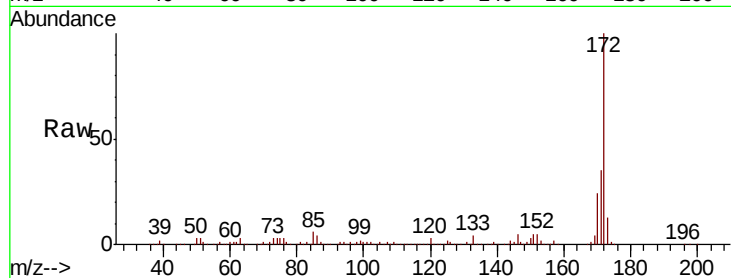
Tot Ion:172 Resp: 776344

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

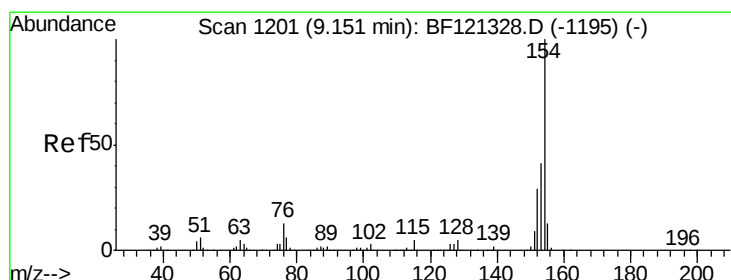
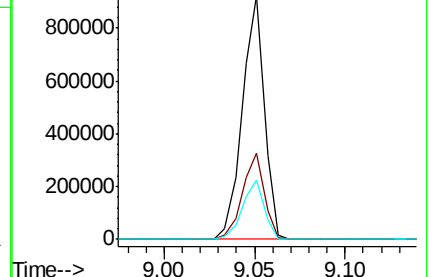
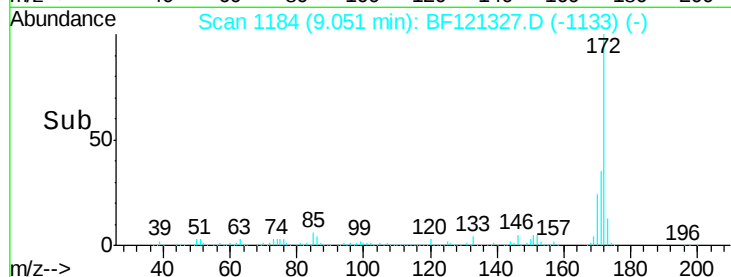
170 24.2 19.4 29.2



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: 21.002 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

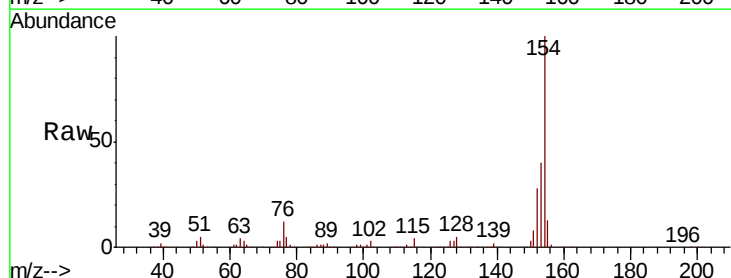
Tgt Ion:154 Resp: 463241

Ion Ratio Lower Upper

154 100

153 39.8 20.8 60.8

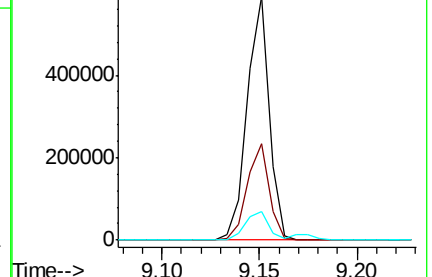
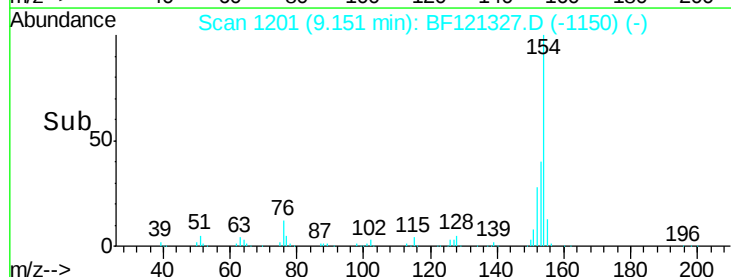
76 11.7 0.0 33.1

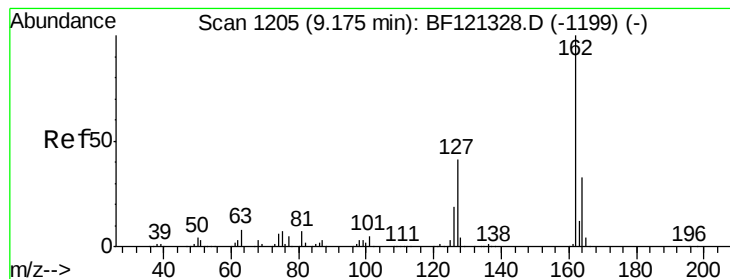


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 20.839 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

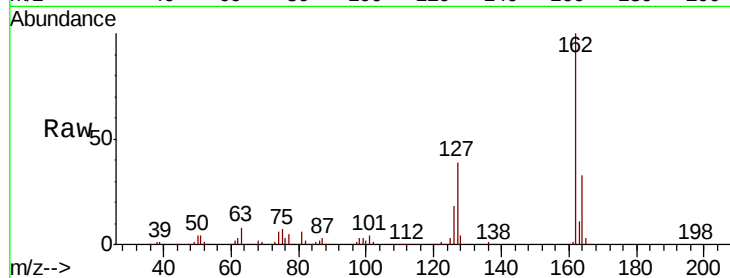
Tot Ion:162 Resp: 376270

Ion Ratio Lower Upper

162 100

127 38.8 33.1 49.7

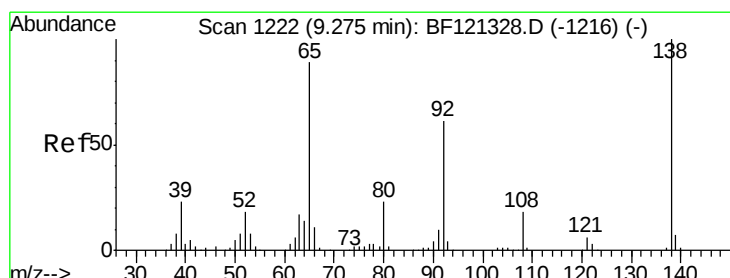
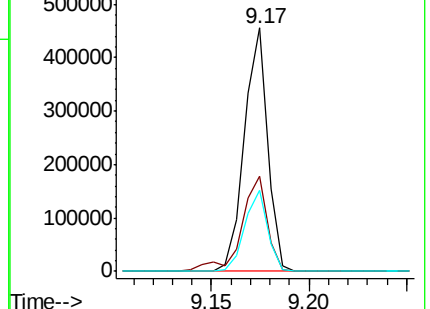
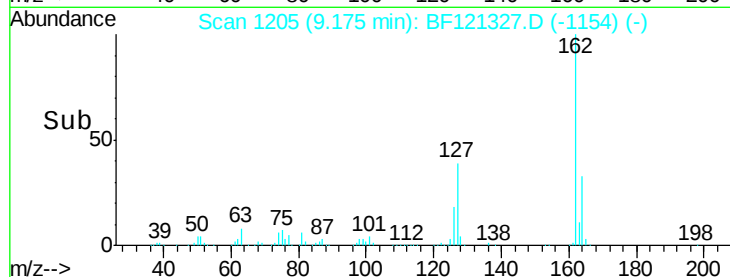
164 33.3 26.5 39.7



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: 19.757 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

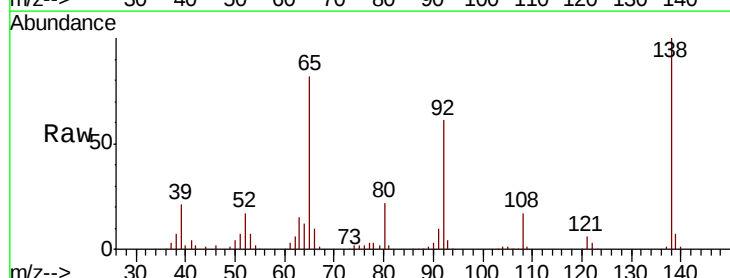
Tgt Ion: 65 Resp: 113399

Ion Ratio Lower Upper

65 100

92 74.1 54.9 82.3

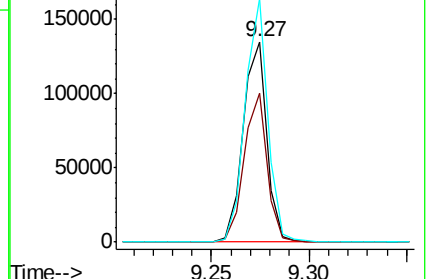
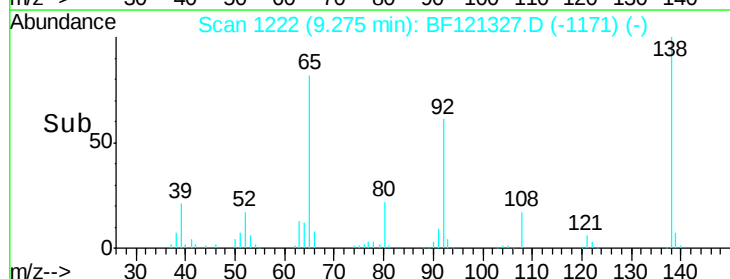
138 121.5 89.5 134.3

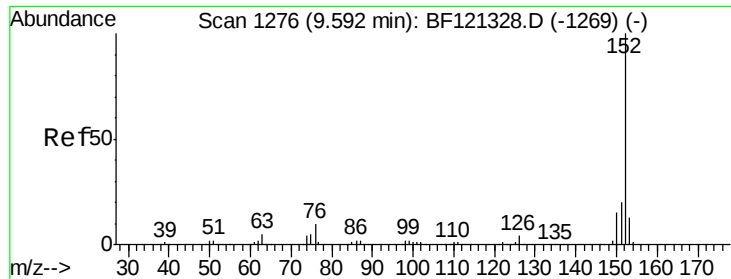


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 20.958 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

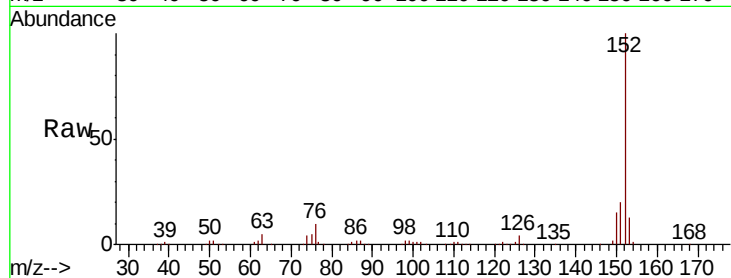
Tot Ion:152 Resp: 565000

Ion Ratio Lower Upper

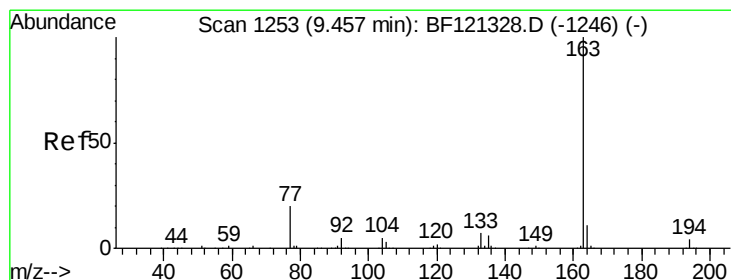
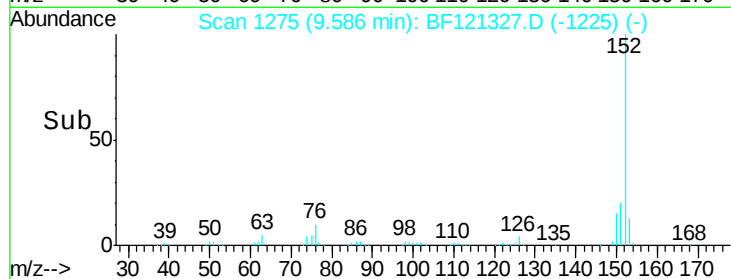
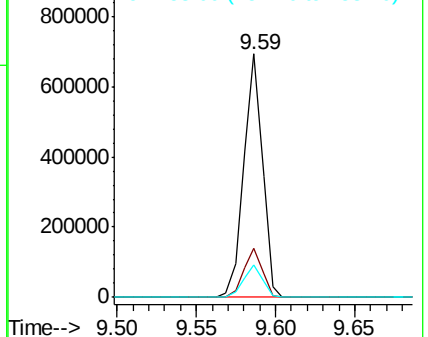
152 100

151 20.4 16.4 24.6

153 13.3 10.6 16.0



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: 19.538 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

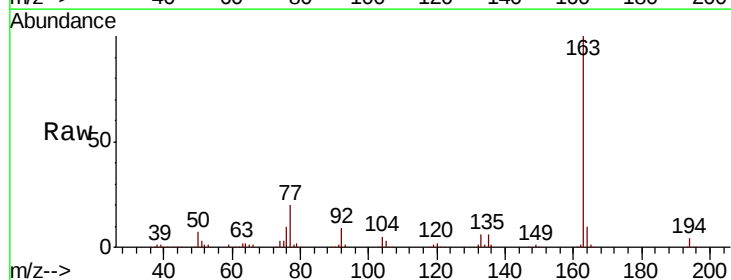
Tgt Ion:163 Resp: 426621

Ion Ratio Lower Upper

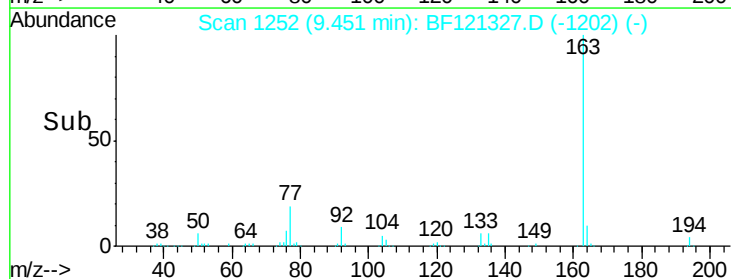
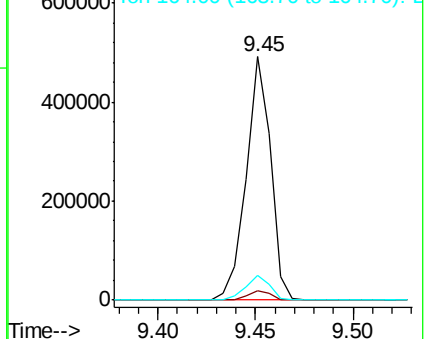
163 100

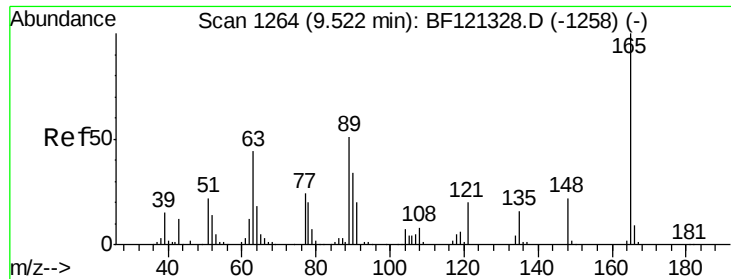
194 3.7 3.0 4.6

164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 19.908 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

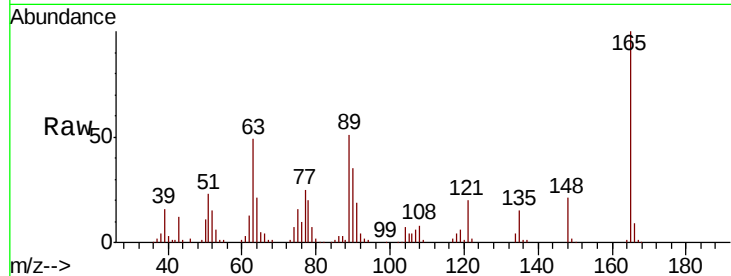
Tot Ion:165 Resp: 92474

Ion Ratio Lower Upper

165 100

63 49.0 38.5 57.7

89 50.6 41.2 61.8

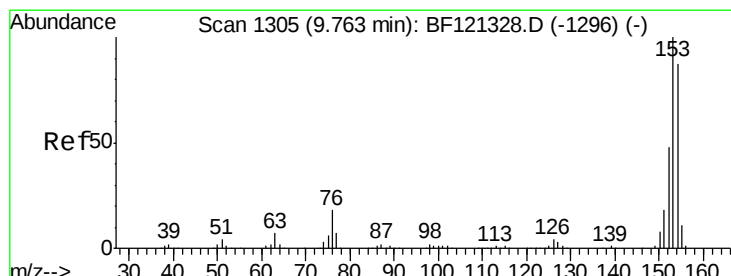
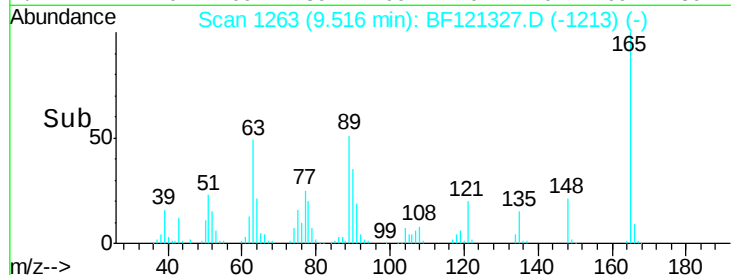


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time--> 9.46 9.48 9.50 9.52 9.54



#52

Acenaphthene

Concen: 20.623 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

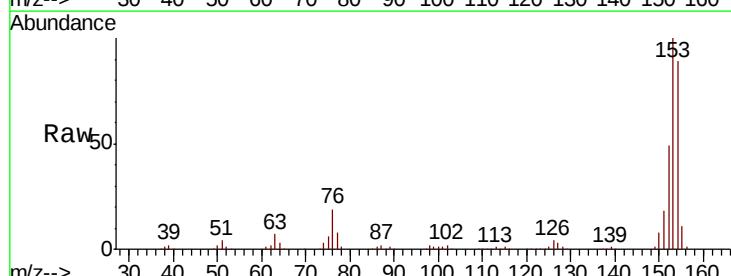
Tgt Ion:154 Resp: 337925

Ion Ratio Lower Upper

154 100

153 112.8 92.0 138.0

152 54.8 44.6 66.8

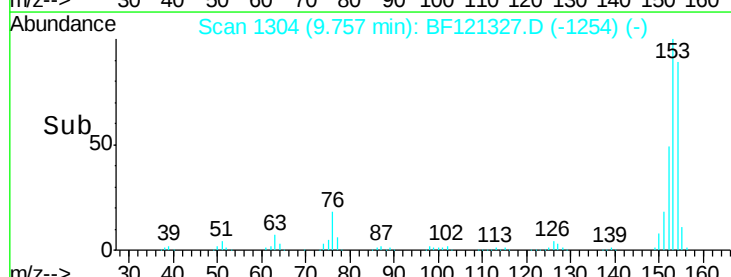


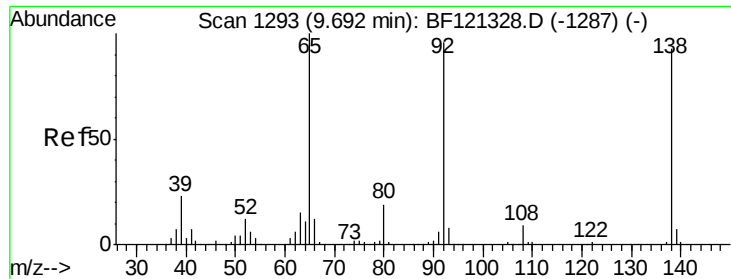
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time--> 9.70 9.75 9.80

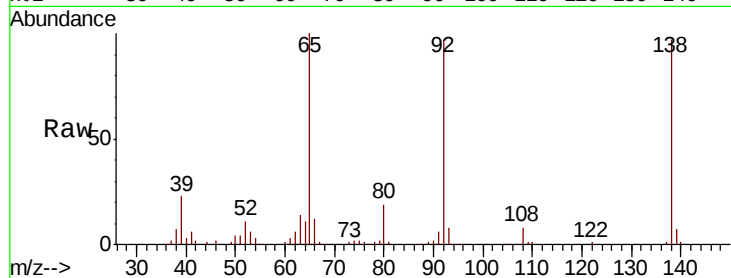




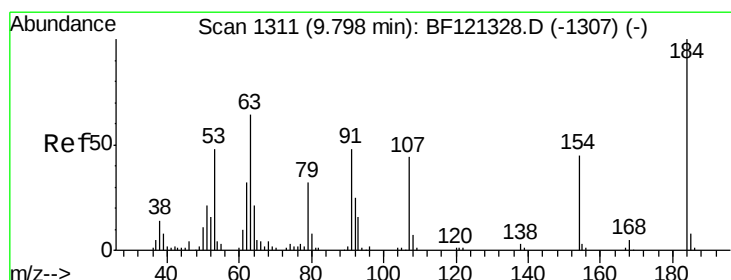
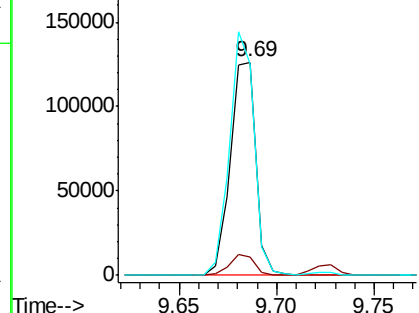
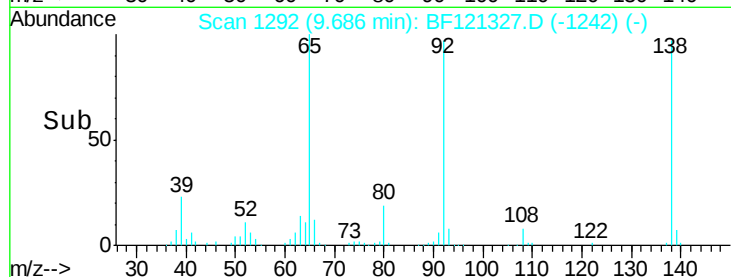
#53
3-Nitroaniline
Concen: 20.085 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:138 Resp: 115020
Ion Ratio Lower Upper
138 100
108 8.7 7.5 11.3
92 99.1 83.0 124.4

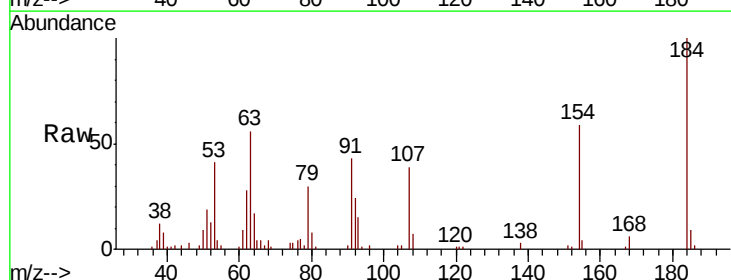


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

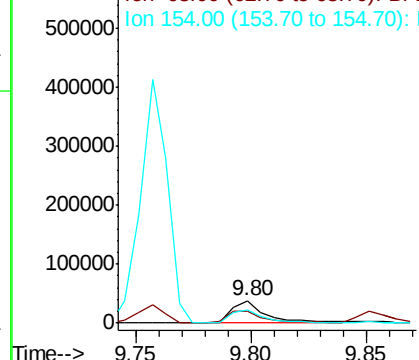
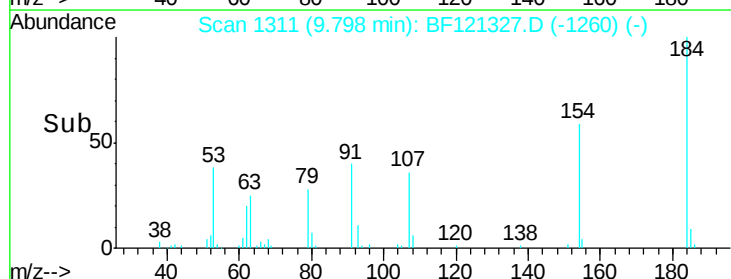


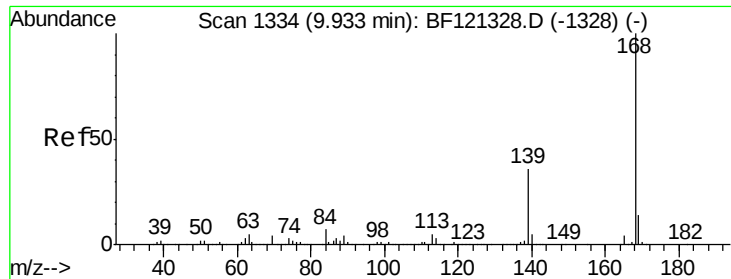
#54
2,4-Dinitrophenol
Concen: 17.496 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Tgt Ion:184 Resp: 38824
Ion Ratio Lower Upper
184 100
63 55.8 51.5 77.3
154 58.9 48.0 72.0



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

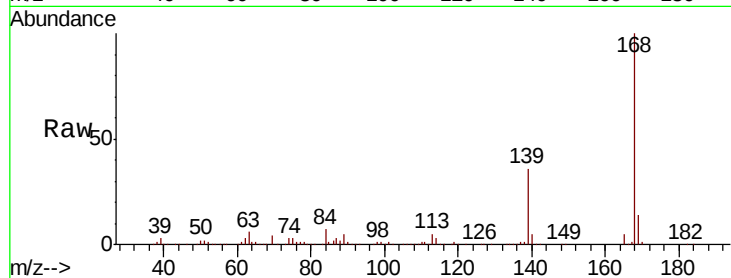




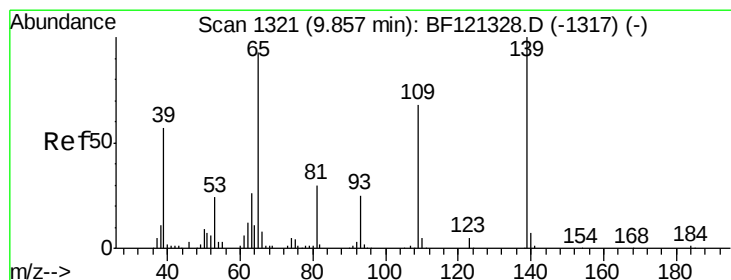
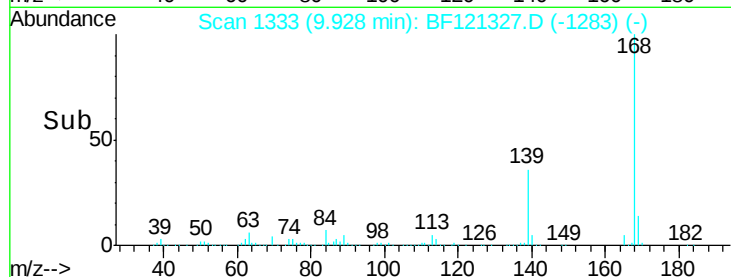
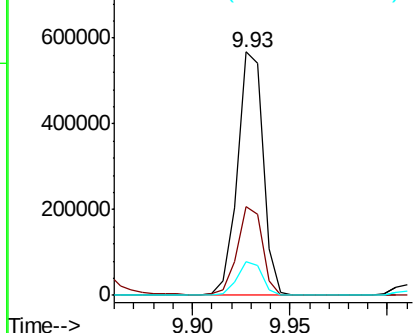
#55
Dibenzenofuran
Concen: 21.535 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:168 Resp: 517833
Ion Ratio Lower Upper
168 100
139 36.3 29.1 43.7
169 13.7 11.0 16.6

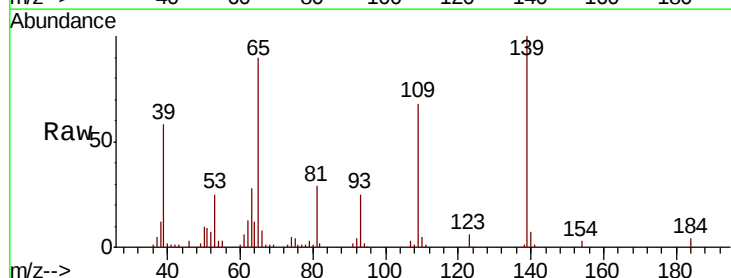


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

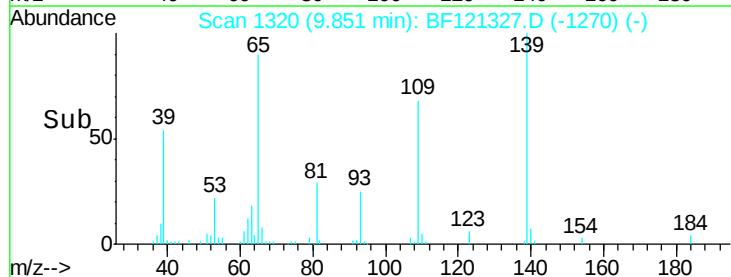
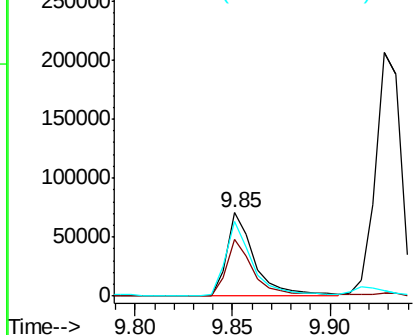


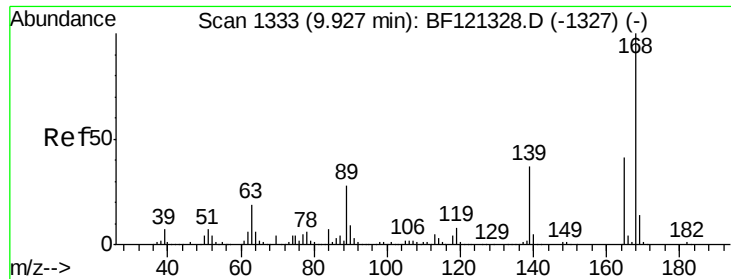
#56
4-Nitrophenol
Concen: 19.908 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Tgt Ion:139 Resp: 70374
Ion Ratio Lower Upper
139 100
109 67.8 47.7 87.7
65 90.4 73.2 113.2



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

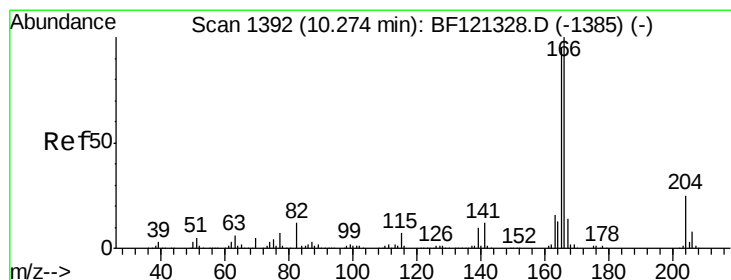
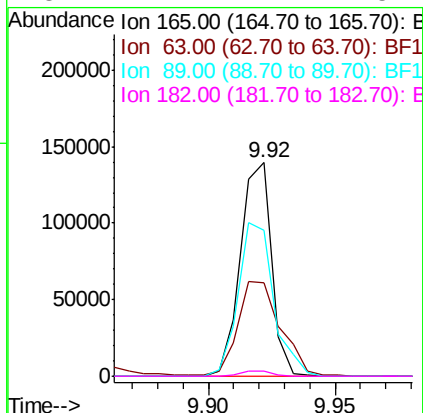
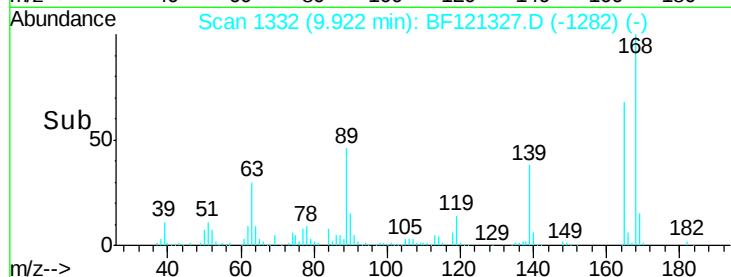
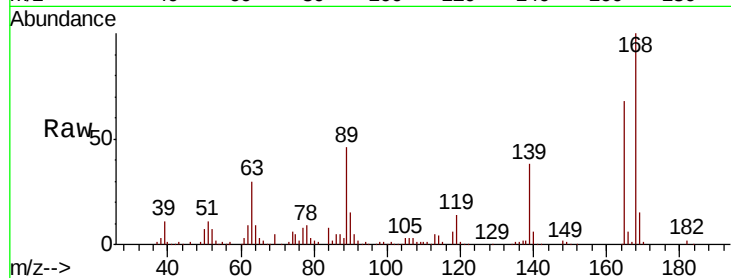




#57
 2,4-Dinitrotoluene
 Concen: 21.143 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

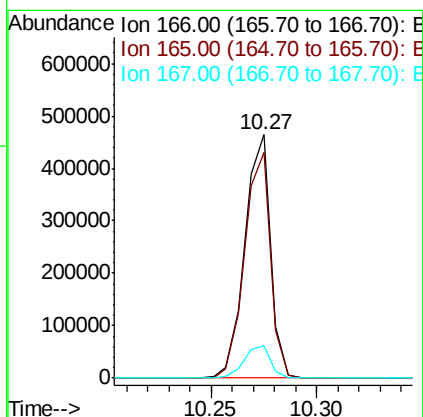
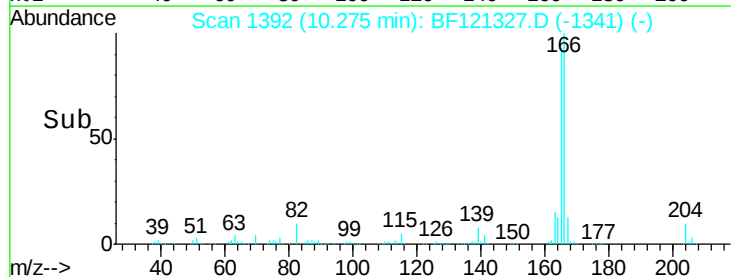
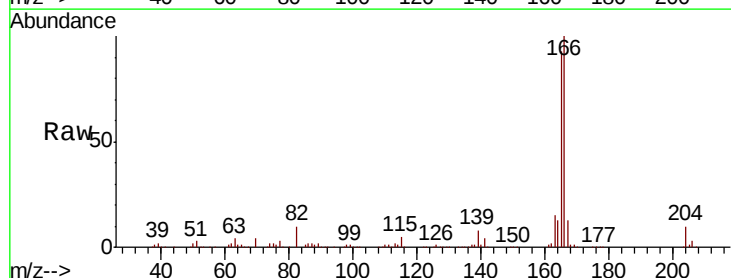
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

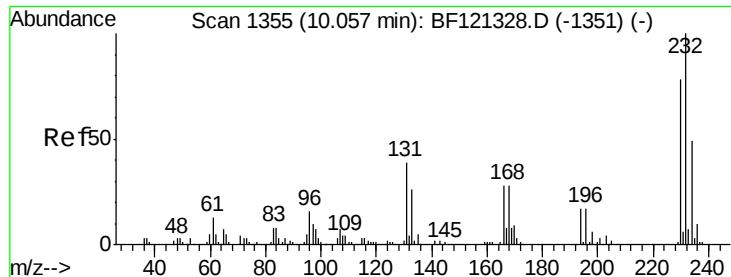
Tot Ion:	165	Resp:	119267
Ion	Ratio	Lower	Upper
165	100		
63	43.6	37.5	56.3
89	68.1	54.2	81.4
182	2.7	2.2	3.4



#58
 Fluorene
 Concen: 21.536 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Tgt Ion:	166	Resp:	392904
Ion	Ratio	Lower	Upper
166	100		
165	92.8	75.8	113.8
167	13.2	11.0	16.4

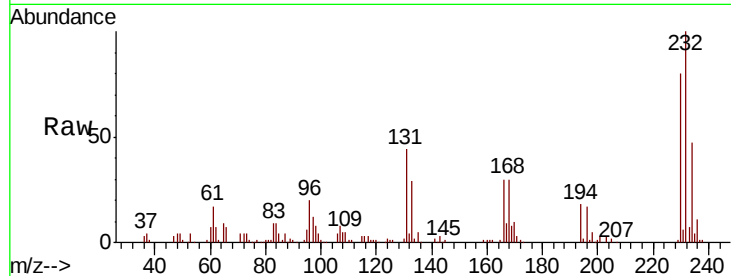




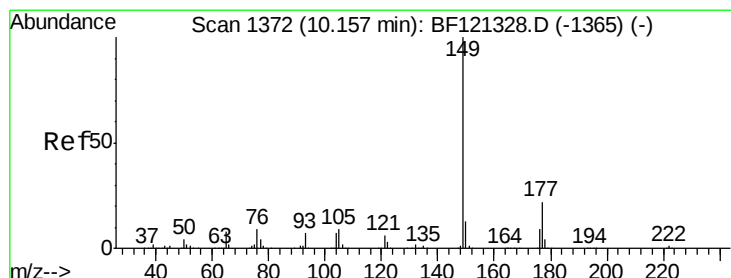
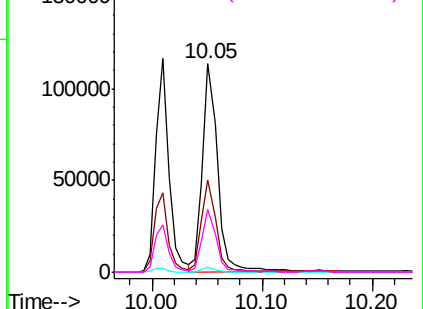
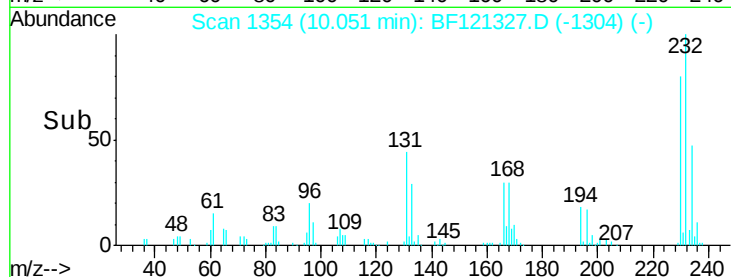
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 19.880 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:	232	Resp:	105101
Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.2	51.4
130	2.0	1.7	2.5
166	29.3	22.3	33.5

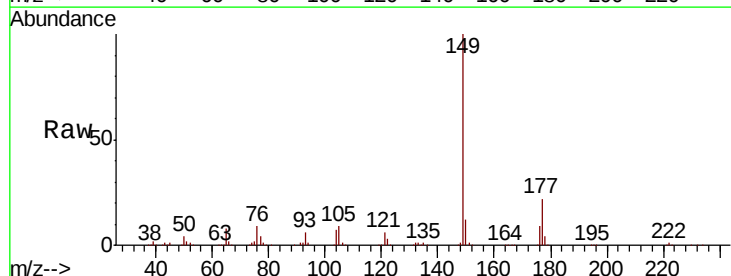


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

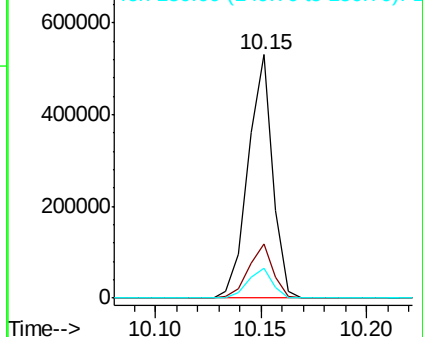
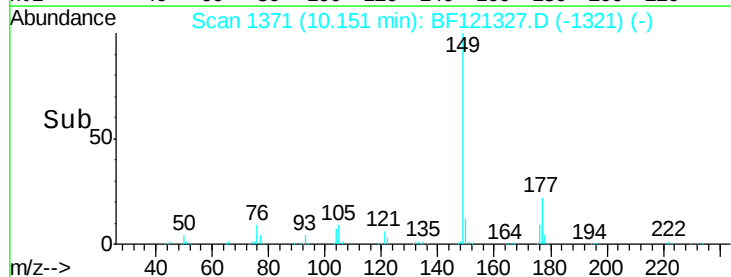


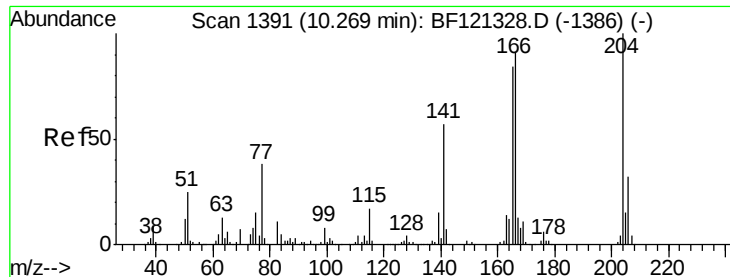
#60
 Diethylphthalate
 Concen: 19.913 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Tgt Ion:	149	Resp:	428058
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.6	26.4
150	12.4	10.1	15.1



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

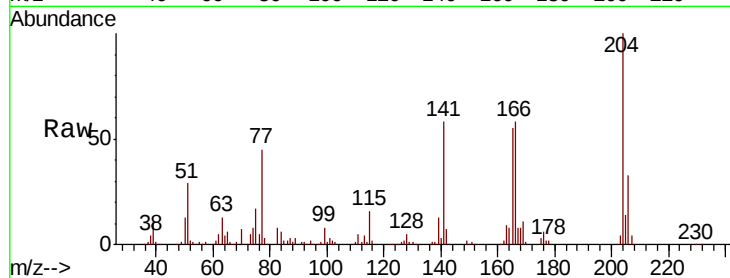




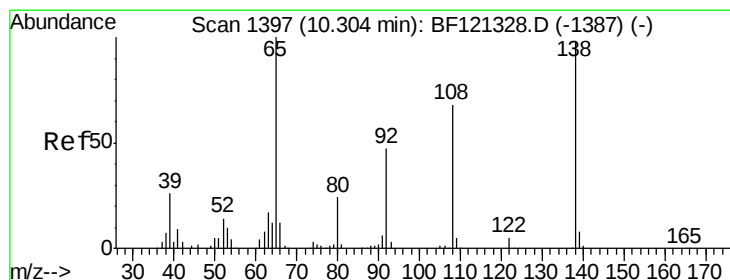
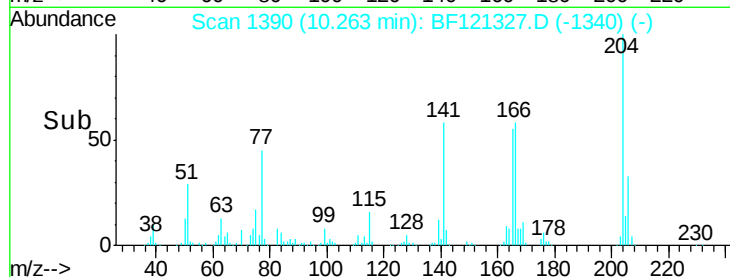
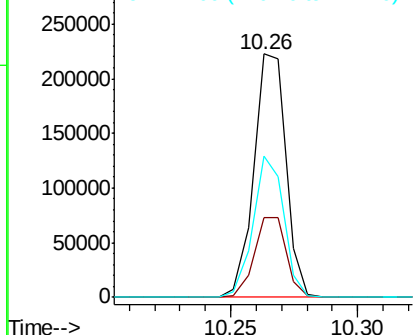
#61
4-Chlorophenyl-phenylether
Concen: 21.381 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.9	38.9
141	58.2	45.5	68.3

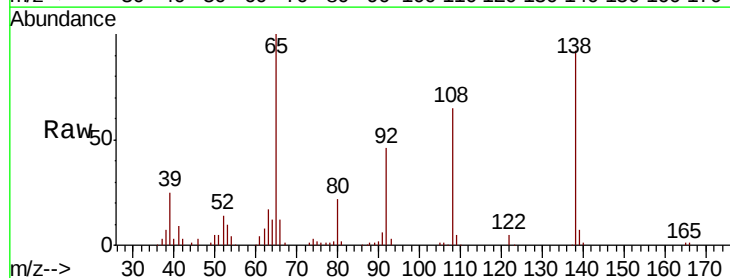


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

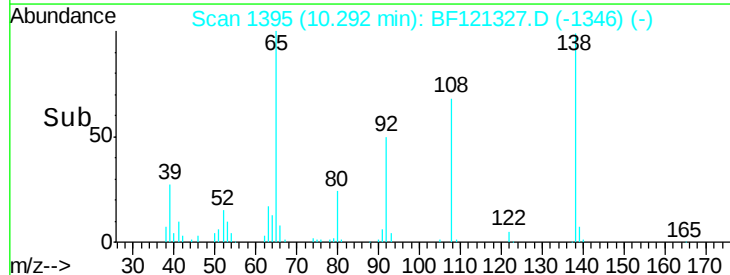
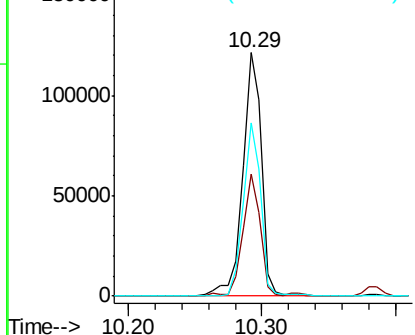


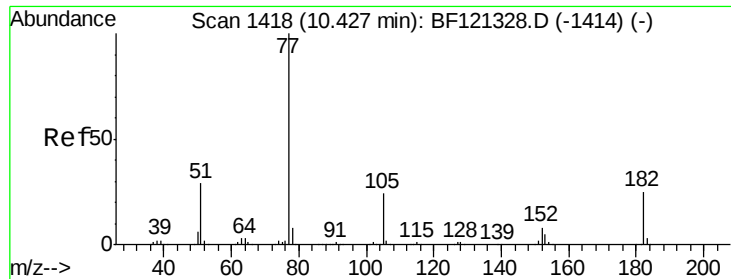
#62
4-Nitroaniline
Concen: 20.029 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	28.1	68.1
108	71.2	49.5	89.5



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





#63

Azobenzene

Concen: 20.108 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion: 77 Resp: 397662

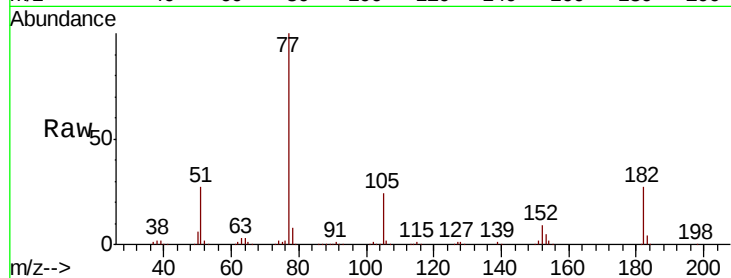
Ion Ratio Lower Upper

77 100

182 26.9 5.0 45.0

105 24.1 3.6 43.6

51 27.2 8.8 48.8

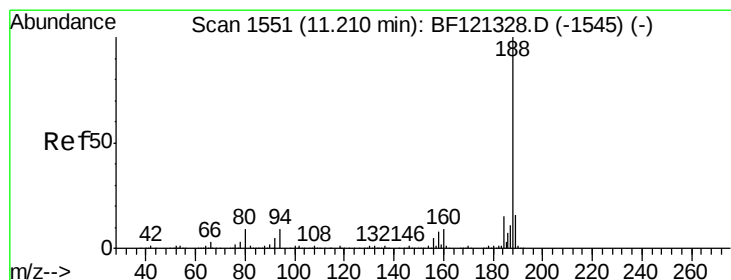
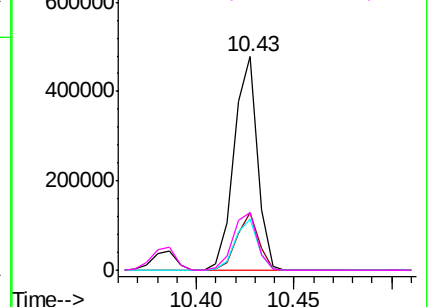
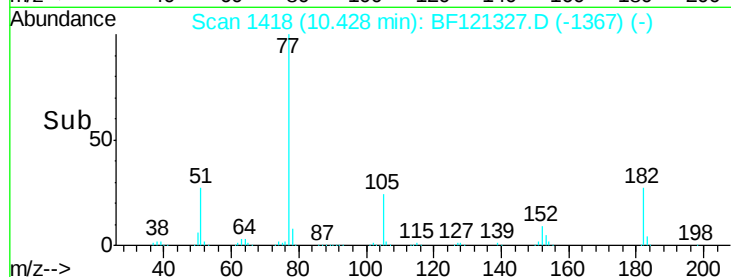


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

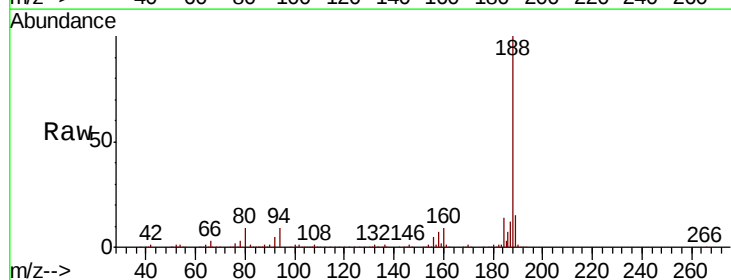
Tgt Ion: 188 Resp: 568435

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

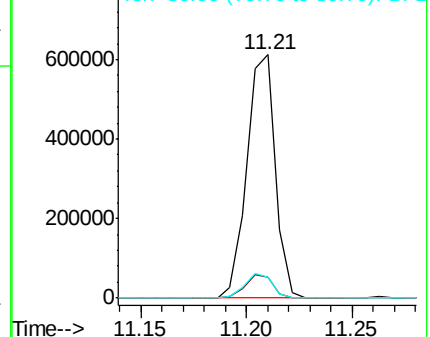
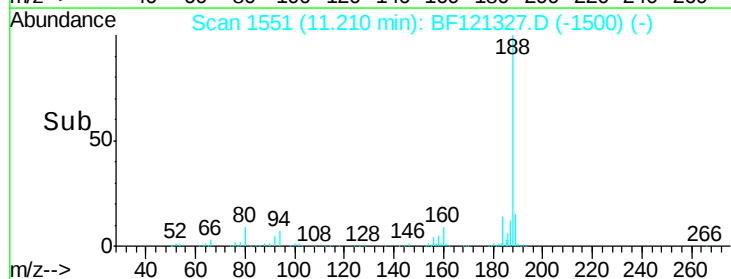
80 8.8 7.4 11.0

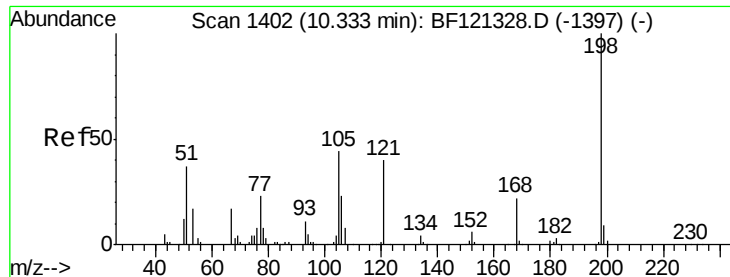


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 19.240 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

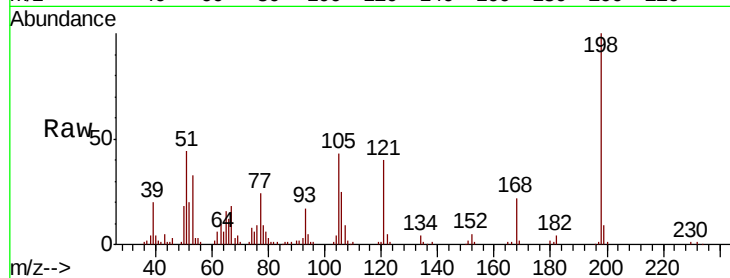
BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:198 Resp: 59267

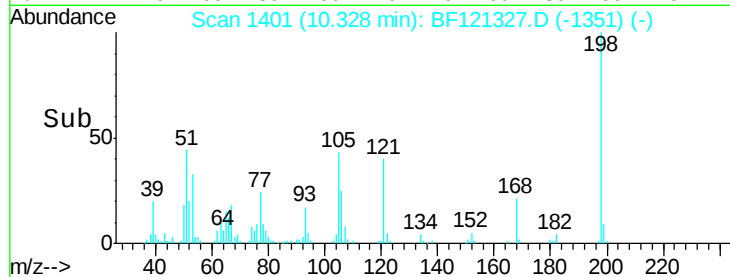
Ion	Ratio	Lower	Upper
198	100		
51	43.9	25.5	65.5
105	43.2	24.9	64.9



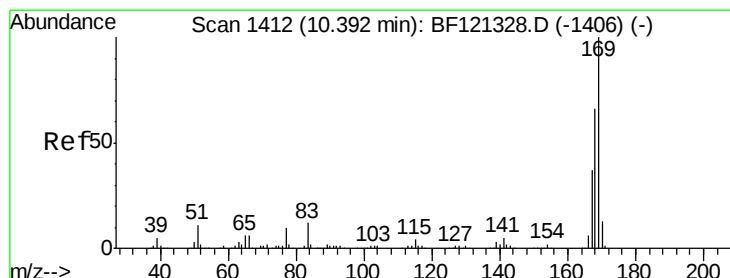
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 20.183 ng

RT: 10.39 min Scan# 1411

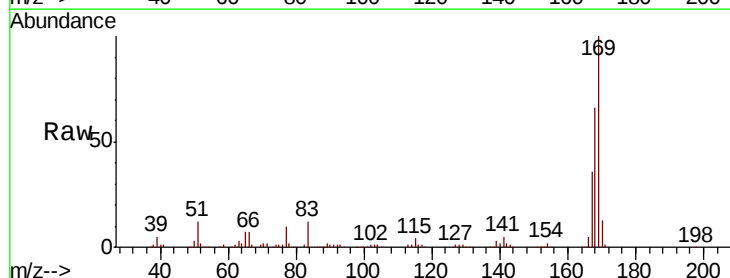
Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Tgt Ion:169 Resp: 352920

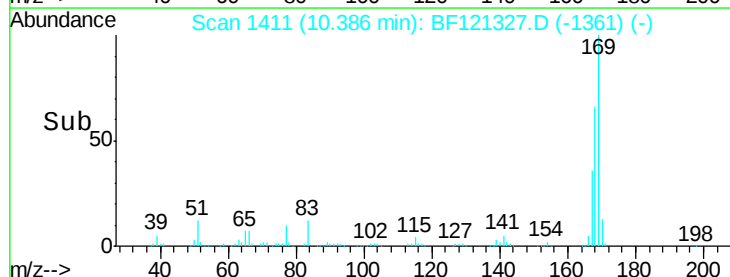
Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.0	79.6
167	36.0	29.5	44.3



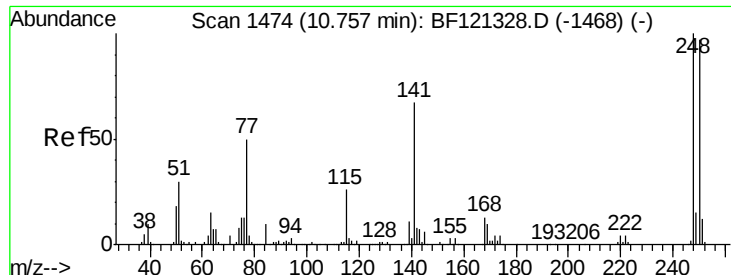
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



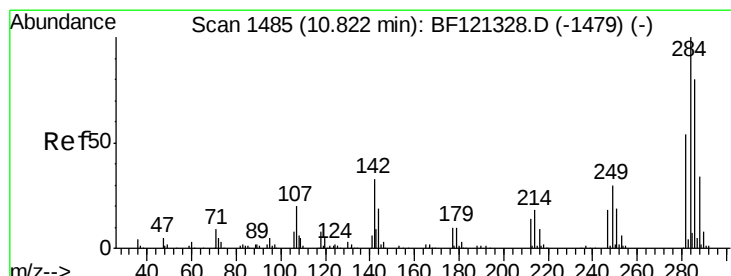
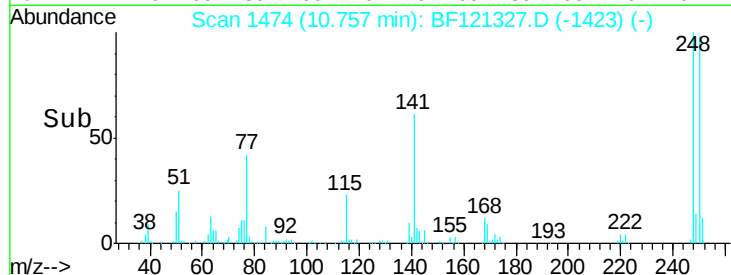
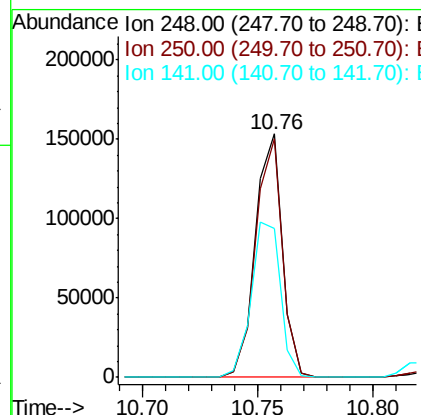
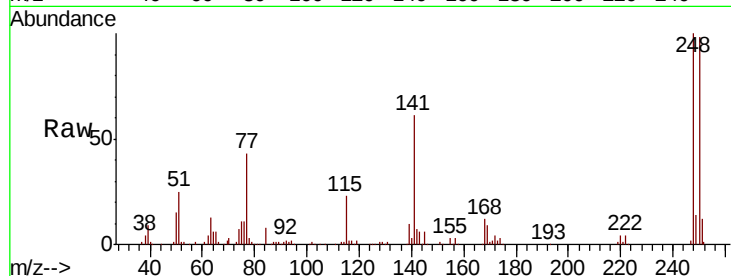
Time-->



#67
 4-Bromophenyl-phenylether
 Concen: 19.823 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

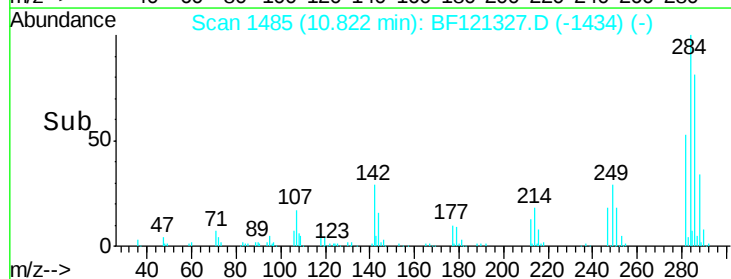
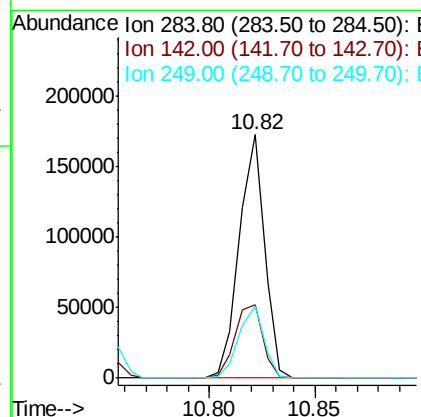
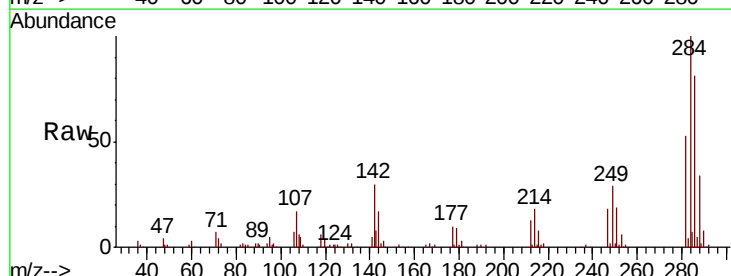
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

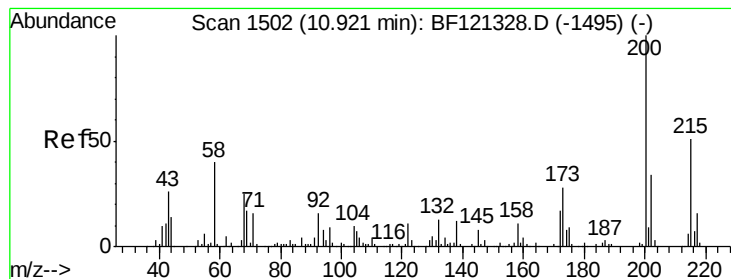
Tot Ion:	248	Resp:	125997
Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.9	116.9
141	61.4	53.5	80.3



#68
 Hexachlorobenzene
 Concen: 19.762 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Tgt Ion:	284	Resp:	143152
Ion	Ratio	Lower	Upper
284	100		
142	30.0	26.1	39.1
249	29.4	24.0	36.0





#69

Atrazine

Concen: 19.789 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

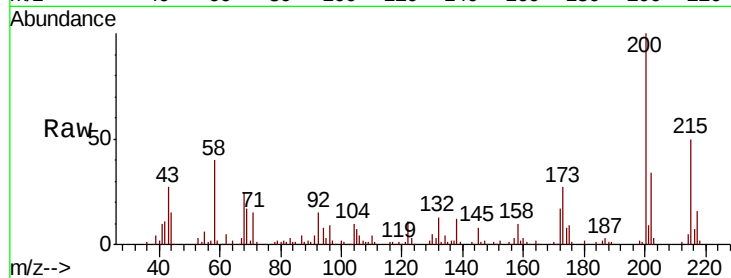
Tot Ion:200 Resp: 109003

Ion Ratio Lower Upper

200 100

173 27.2 7.8 47.8

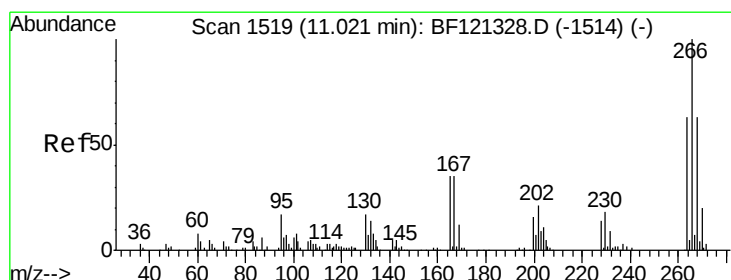
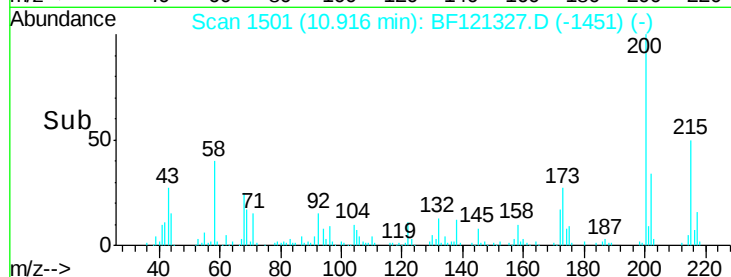
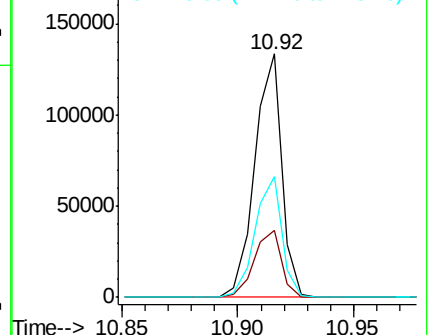
215 49.7 30.5 70.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 18.750 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

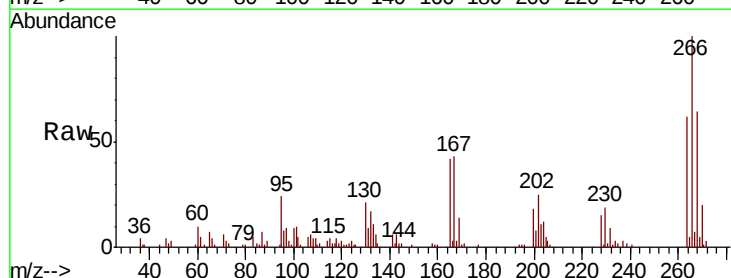
Tgt Ion:266 Resp: 62059

Ion Ratio Lower Upper

266 100

268 63.8 50.6 75.8

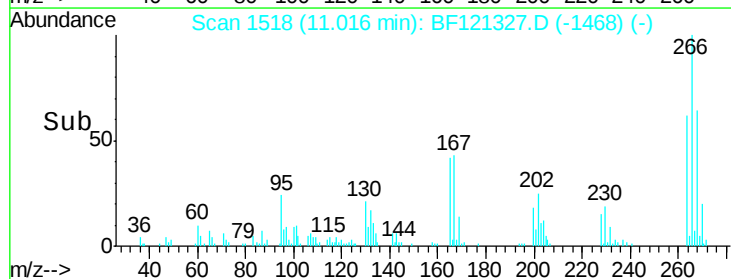
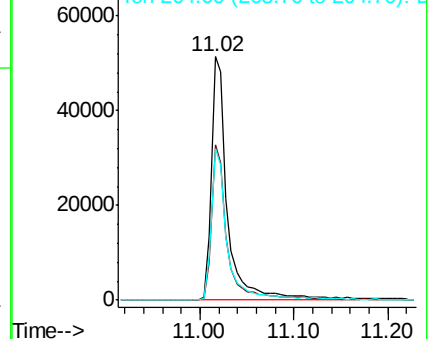
264 62.3 50.5 75.7

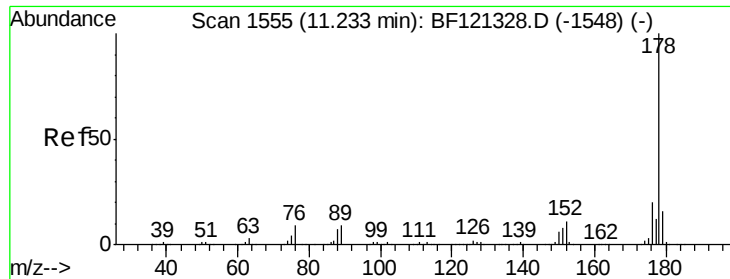


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

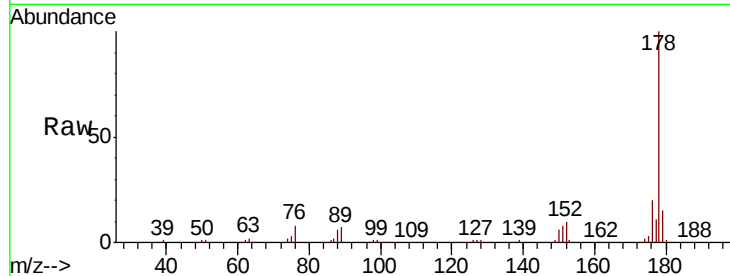




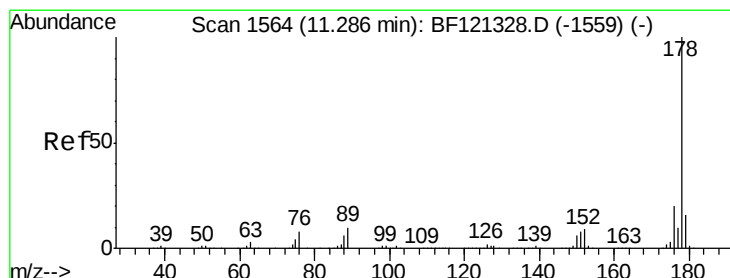
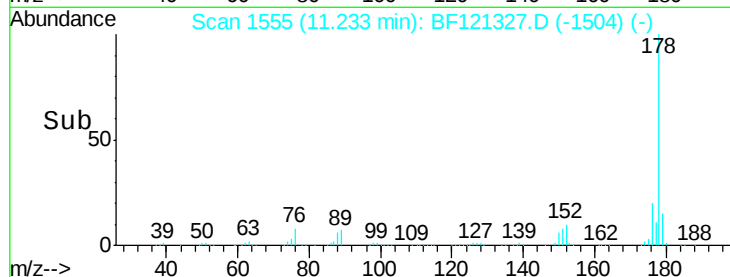
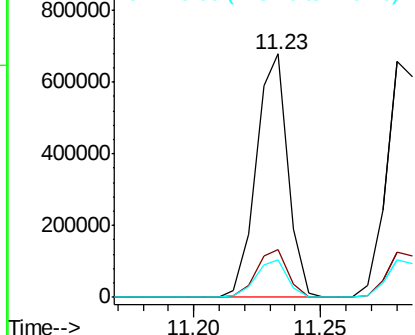
#71
Phenanthrene
Concen: 20.836 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:178 Resp: 588515
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.4 12.8 19.2

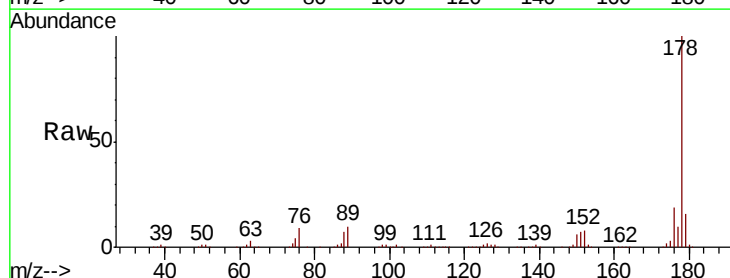


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

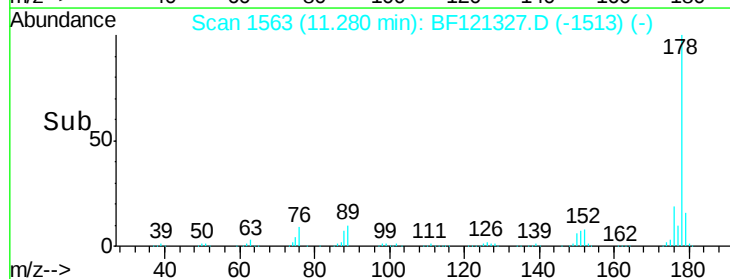
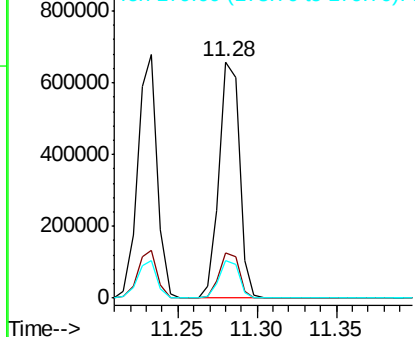


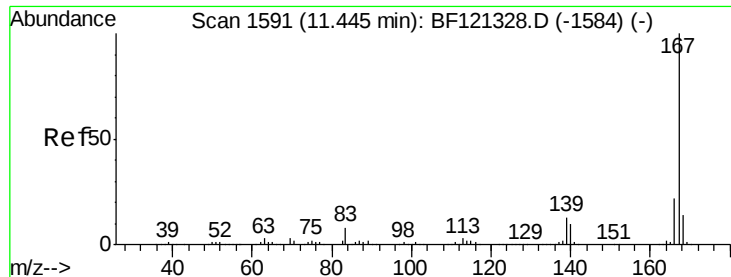
#72
Anthracene
Concen: 20.959 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Tgt Ion:178 Resp: 589814
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.7 12.8 19.2



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

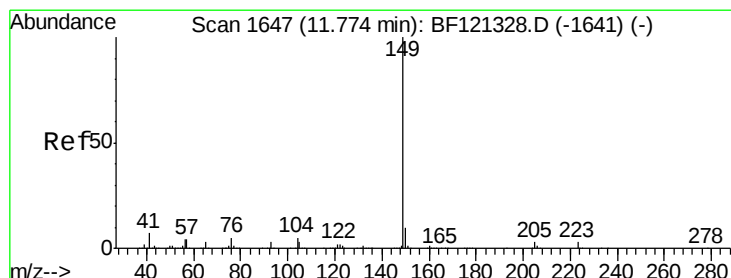
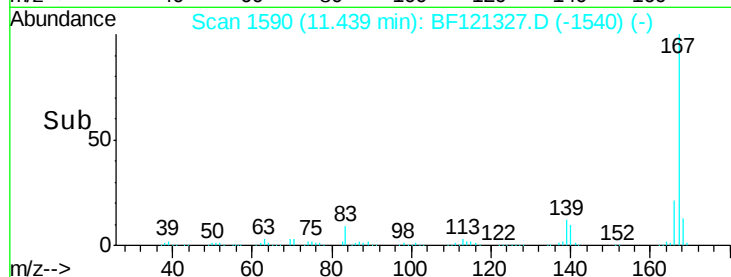
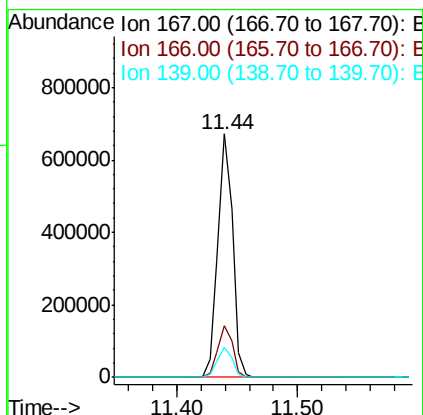
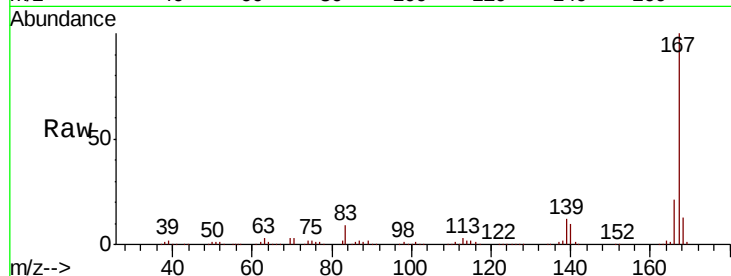




#73
 Carbazole
 Concen: 20.924 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

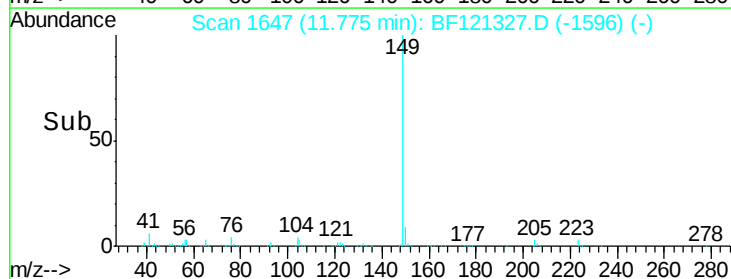
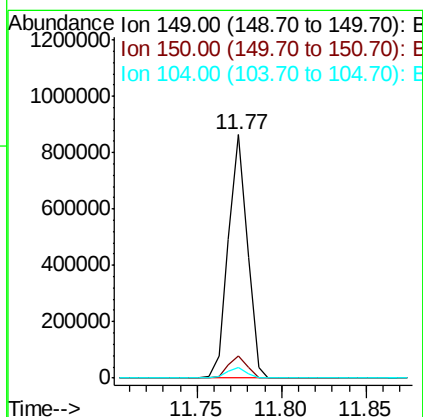
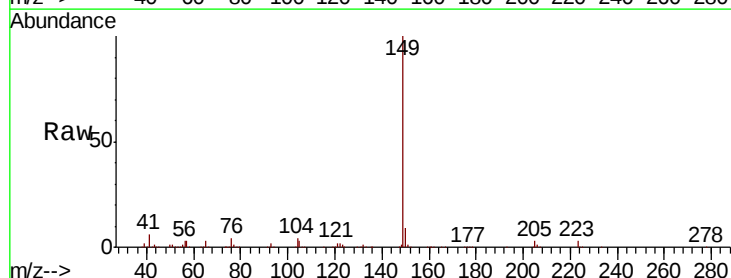
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

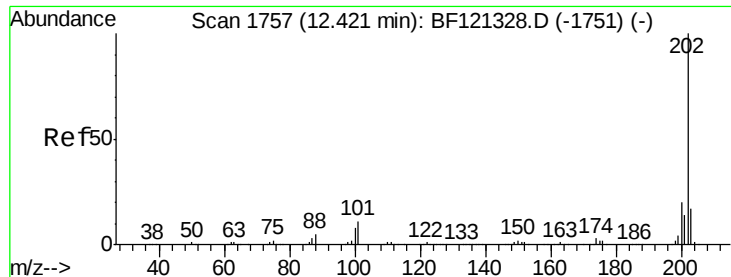
Tot Ion:167 Resp: 562928
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.7 26.5
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 19.775 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Tgt Ion:149 Resp: 673764
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.5 3.9 5.9





#75

Fluoranthene

Concen: 20.522 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

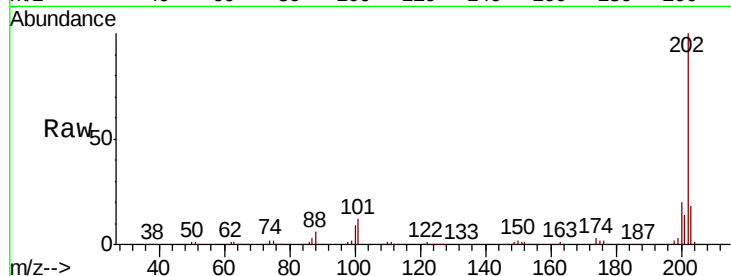
Tot Ion:202 Resp: 640218

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.6

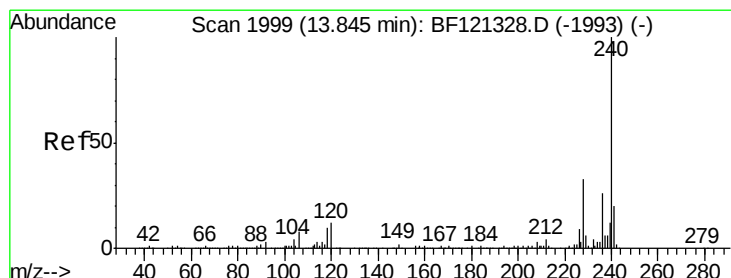
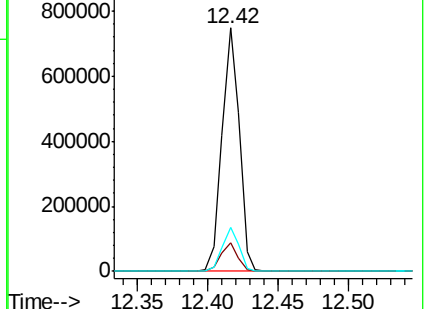
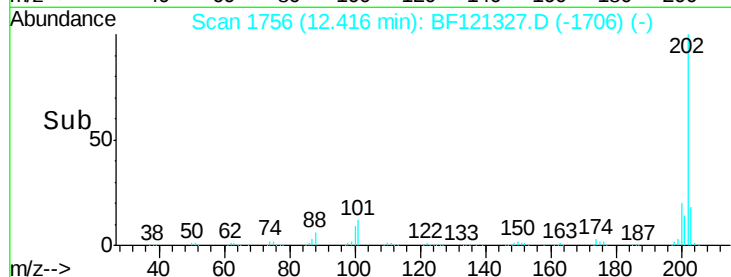
203 18.0 0.0 37.5



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: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

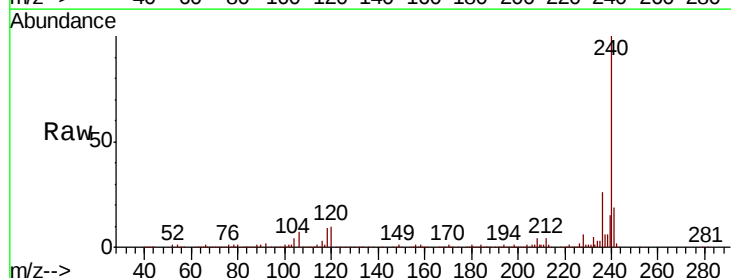
Tgt Ion:240 Resp: 442603

Ion Ratio Lower Upper

240 100

120 10.2 9.6 14.4

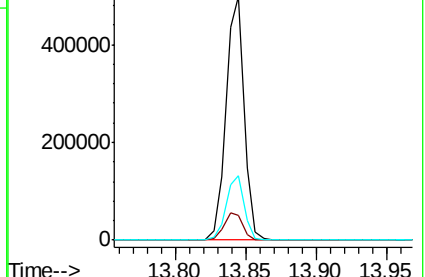
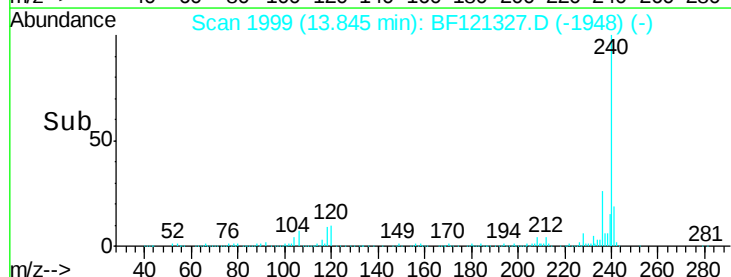
236 26.3 20.6 31.0

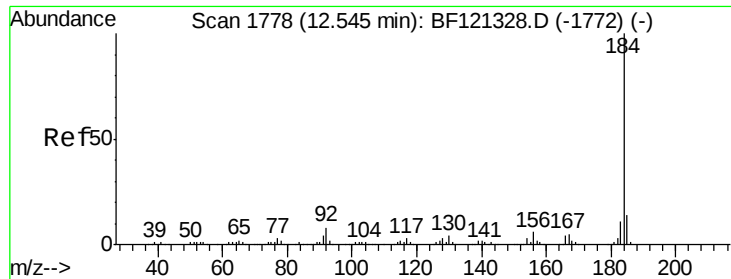


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.503 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

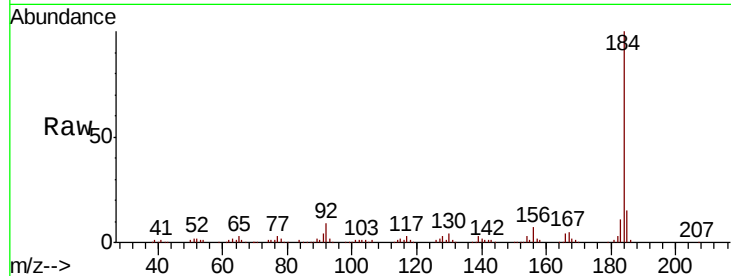
Tot Ion:184 Resp: 232078

Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

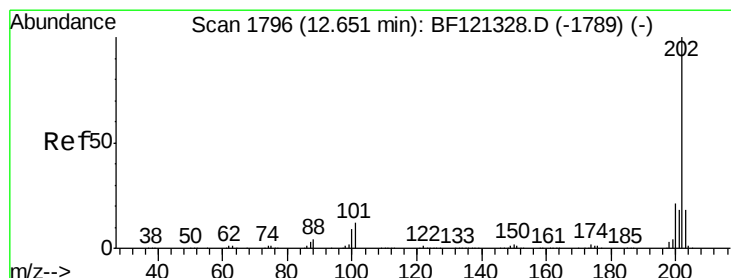
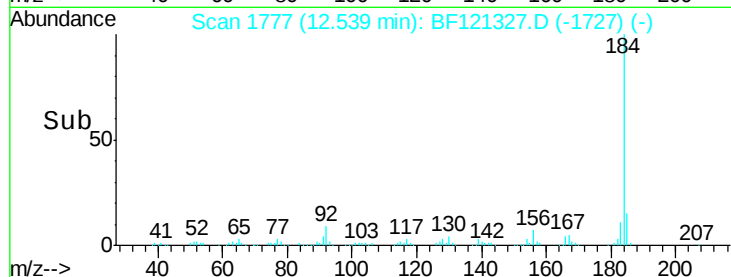
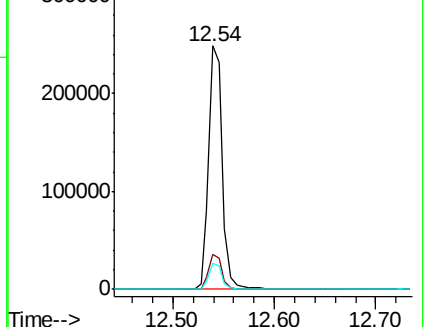
183 10.6 8.7 13.1



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: 20.412 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

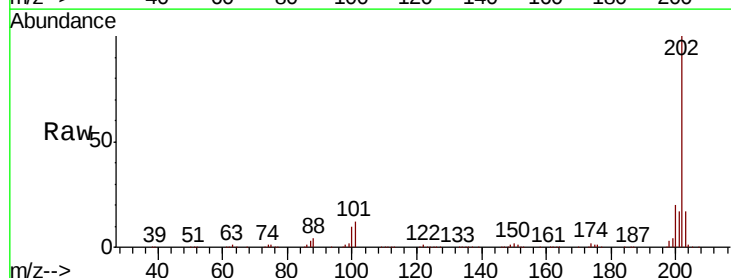
Tgt Ion:202 Resp: 660823

Ion Ratio Lower Upper

202 100

200 20.0 16.6 24.8

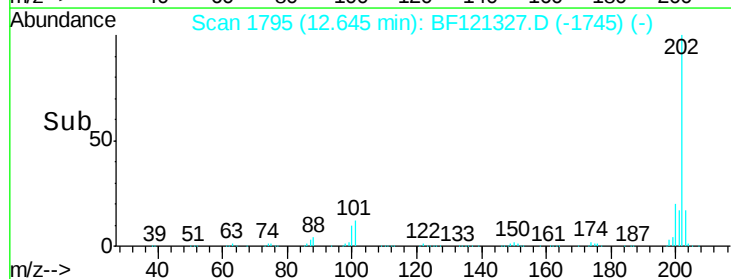
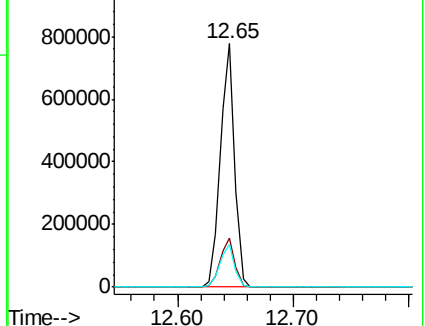
203 17.4 14.2 21.2

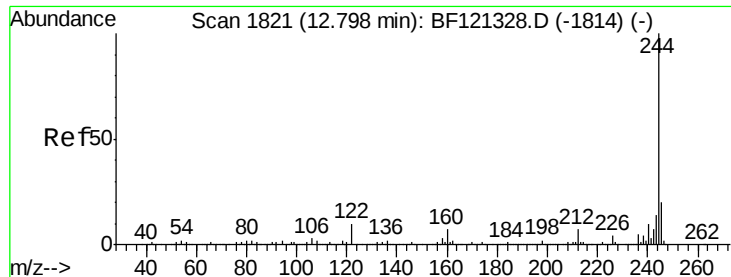


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

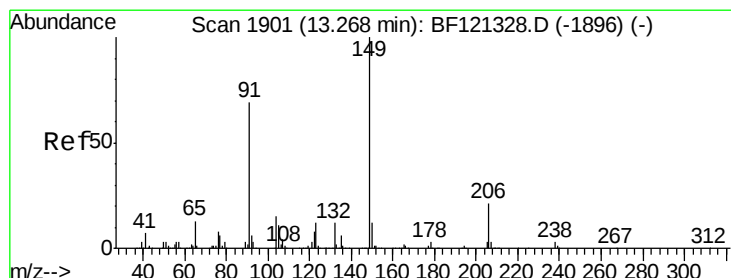
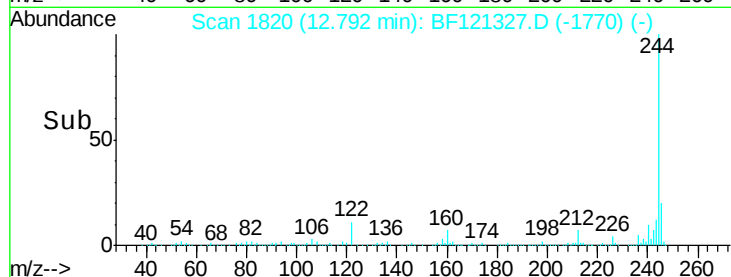
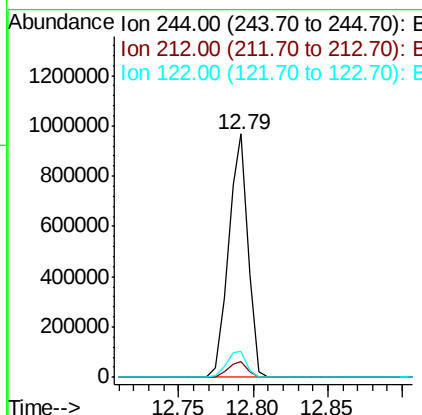
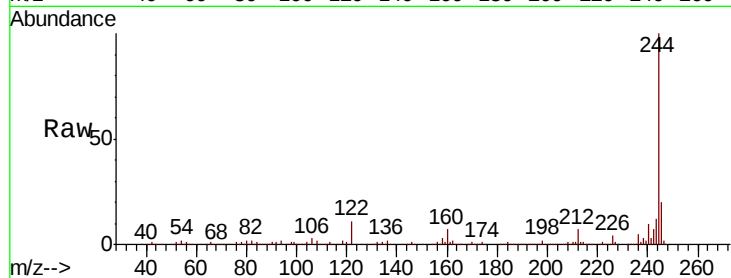




#79
 Terphenyl-d14
 Concen: 42.127 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

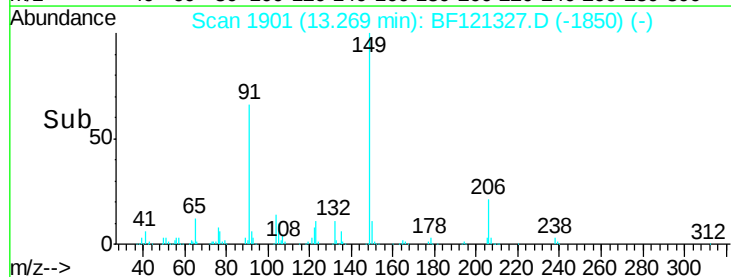
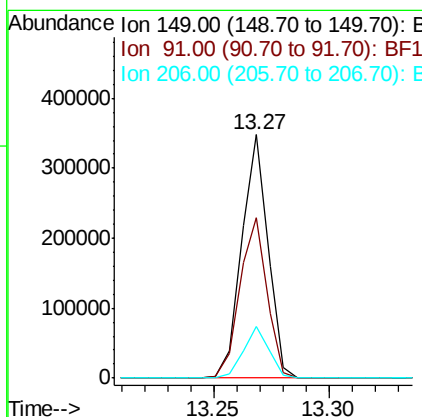
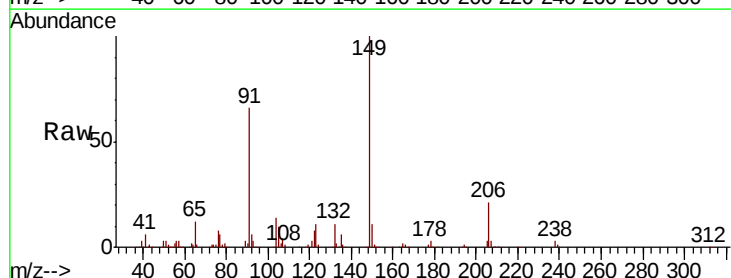
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

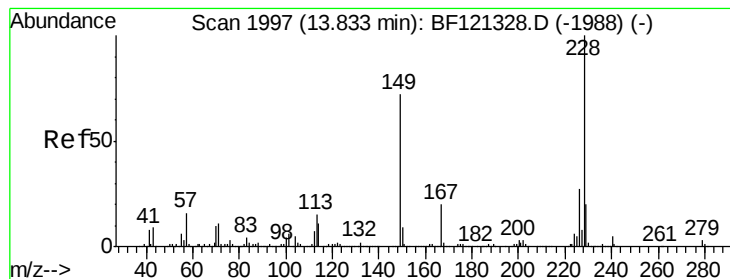
Tot Ion:244 Resp: 890841
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.7 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 18.503 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Tgt Ion:149 Resp: 276646
 Ion Ratio Lower Upper
 149 100
 91 65.7 55.2 82.8
 206 21.3 16.8 25.2





#81

Benzo(a)anthracene

Concen: 21.089 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

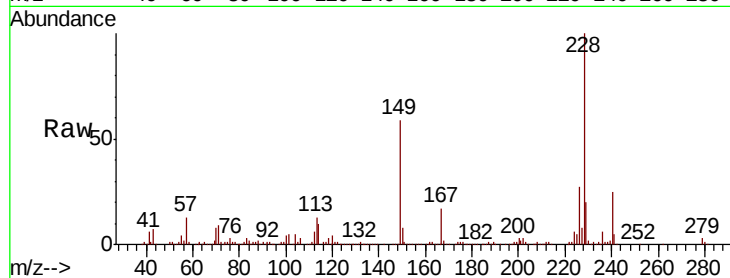
Tot Ion:228 Resp: 546730

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

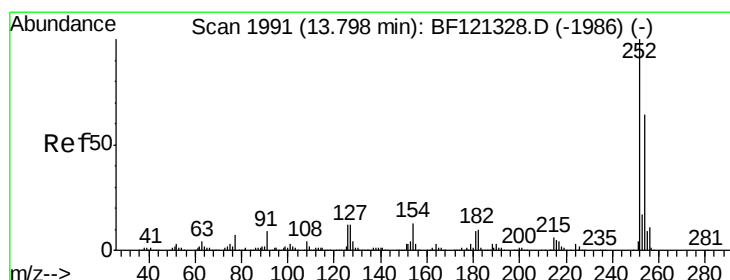
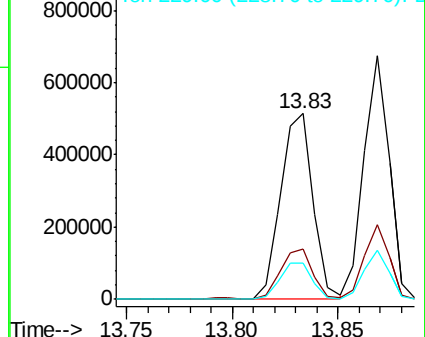
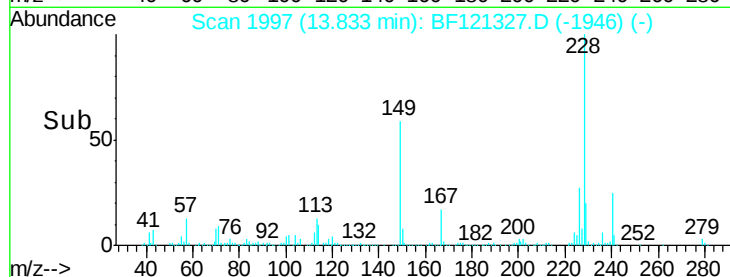
229 19.5 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.044 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

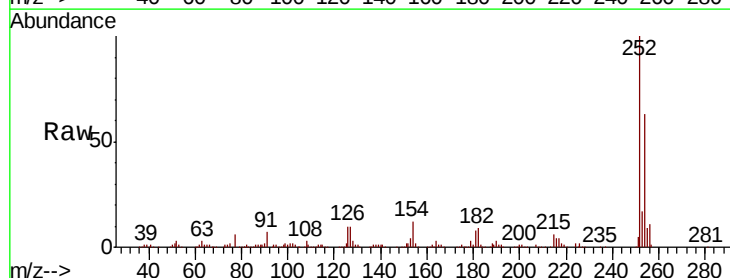
Tgt Ion:252 Resp: 215042

Ion Ratio Lower Upper

252 100

254 63.3 51.5 77.3

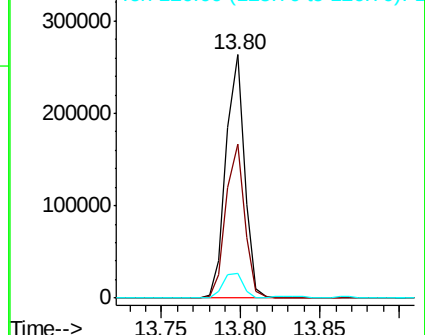
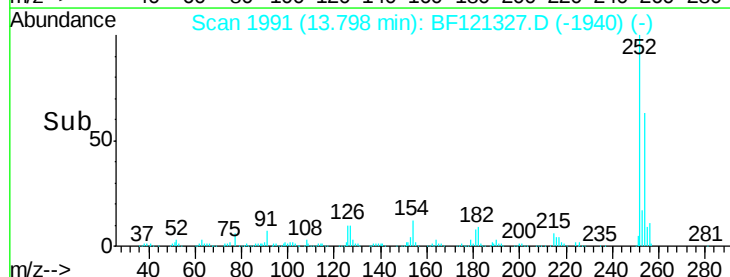
126 10.2 9.8 14.8

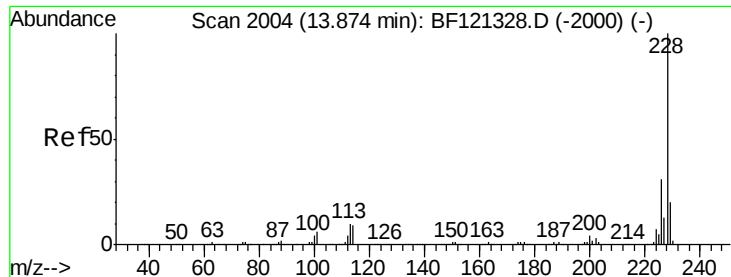


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 20.311 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

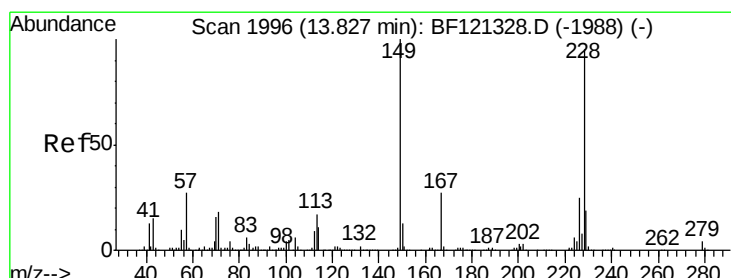
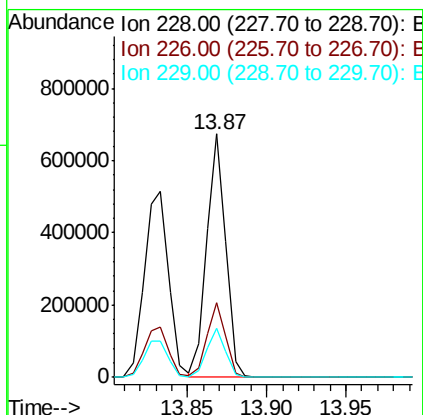
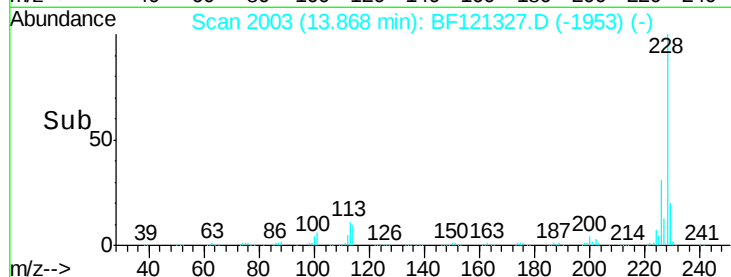
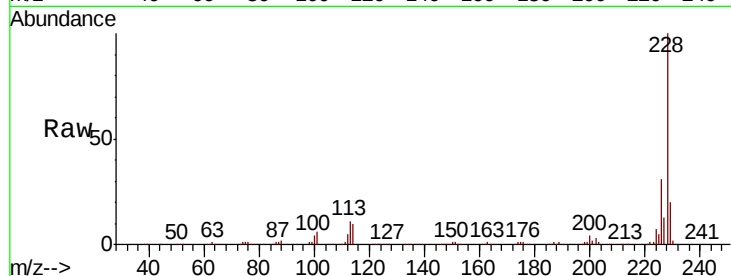
Tot Ion:228 Resp: 568985

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.373 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

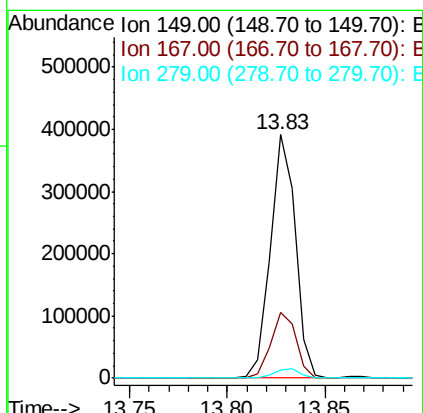
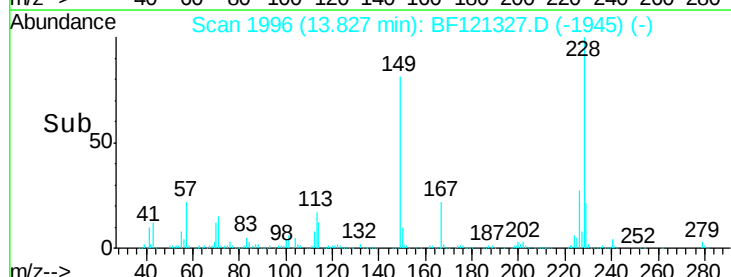
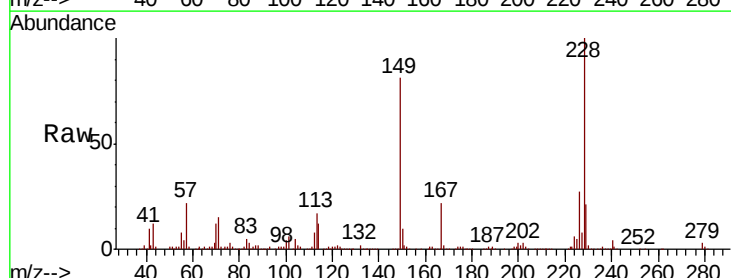
Tgt Ion:149 Resp: 347208

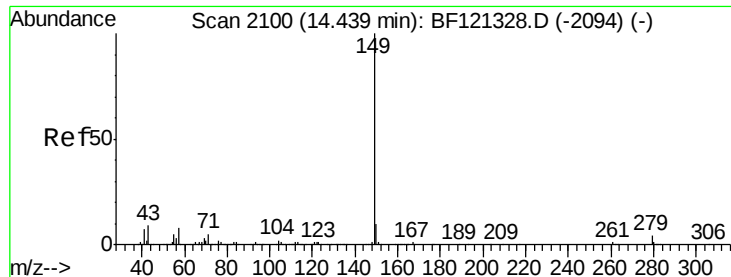
Ion Ratio Lower Upper

149 100

167 27.0 21.5 32.3

279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 18.321 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

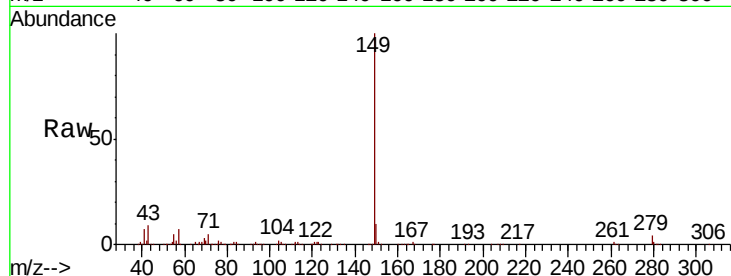
Tot Ion:149 Resp: 626672

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

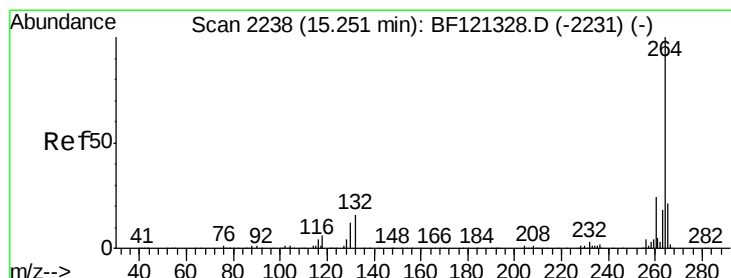
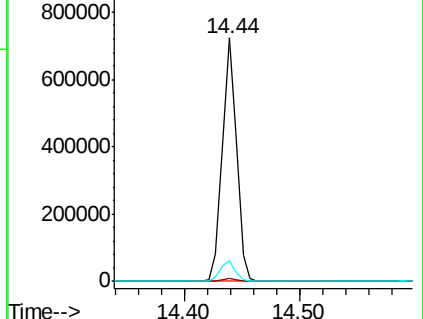
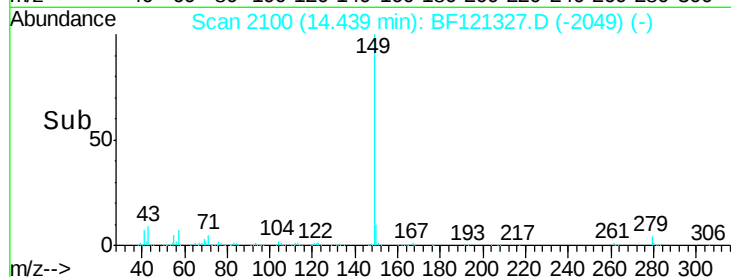
43 9.0 7.1 10.7



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: 15.25 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

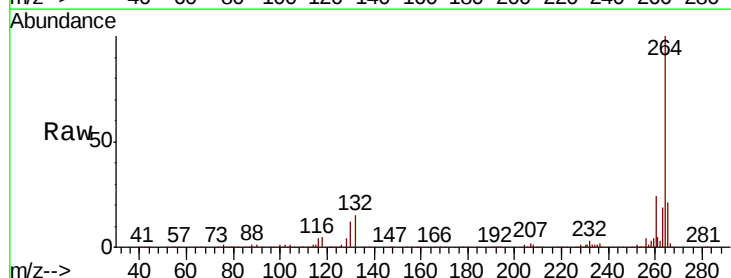
Tgt Ion:264 Resp: 419306

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

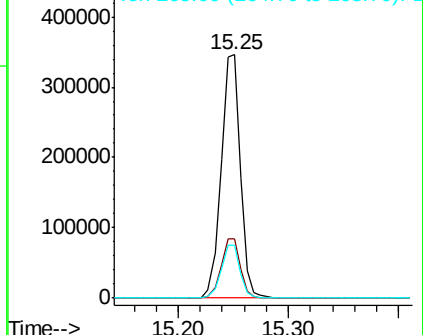
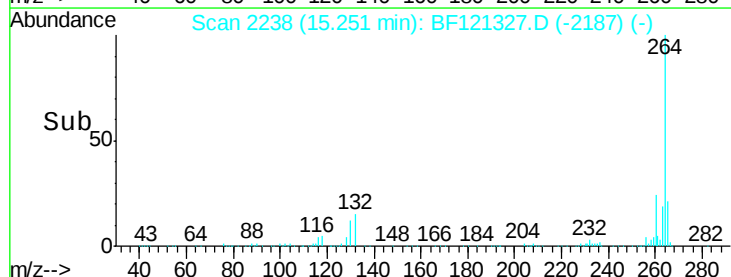
265 21.5 17.1 25.7

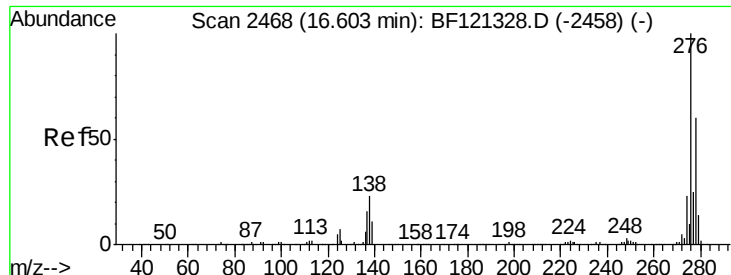


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

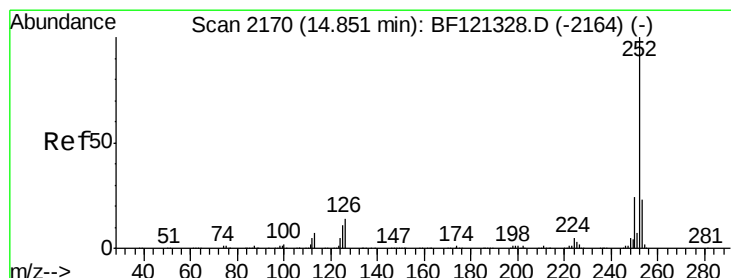
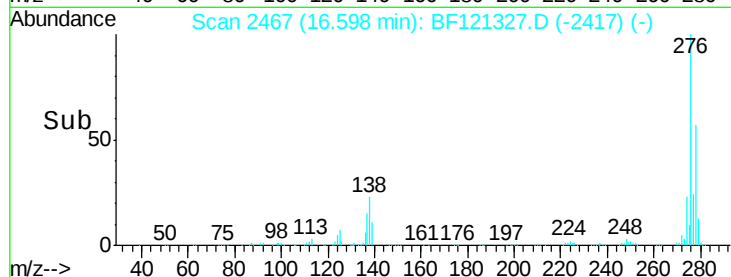
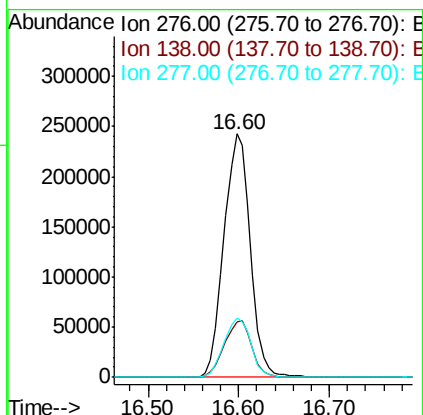
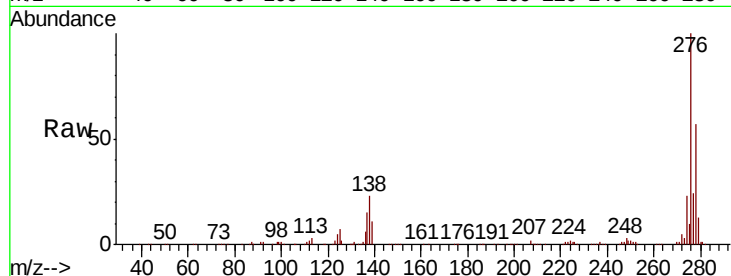




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 19.051 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

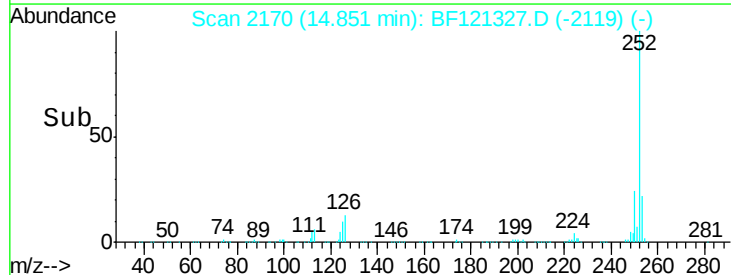
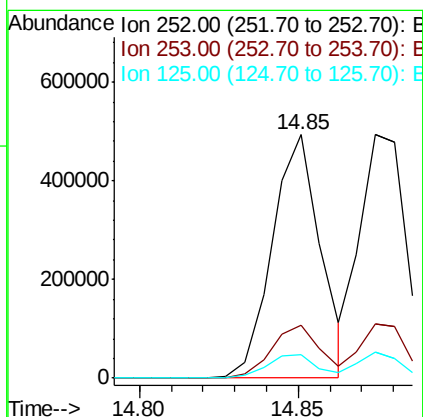
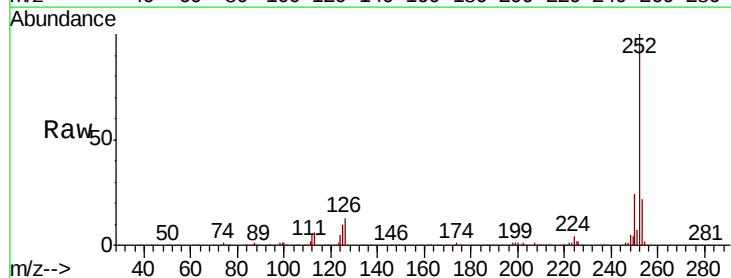
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

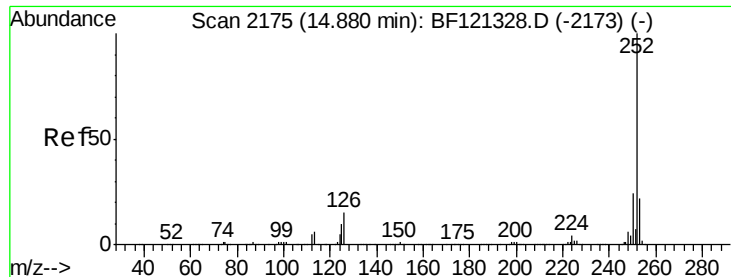
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.4	29.0
277	25.0	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 19.599 ng
 RT: 14.85 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: BF121327.D
 Acq: 19 Aug 2020 19:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.7	8.6	12.8

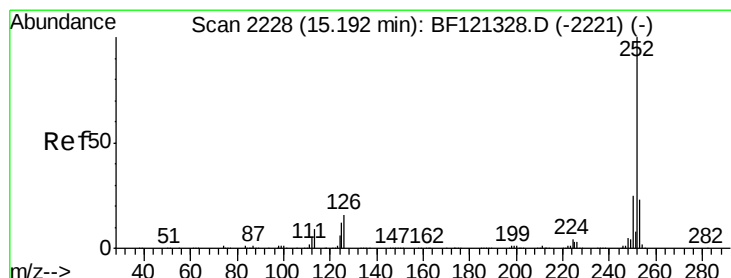
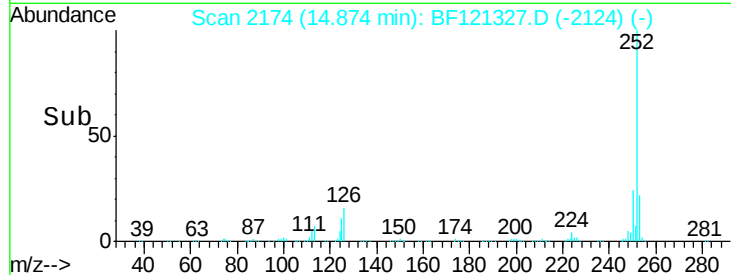
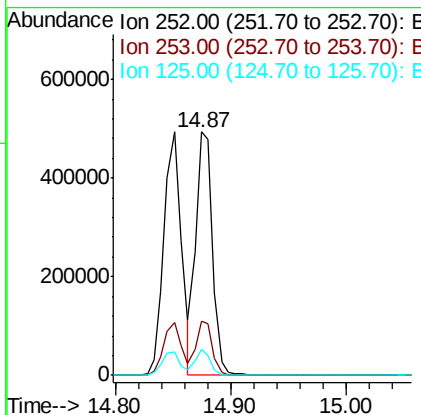
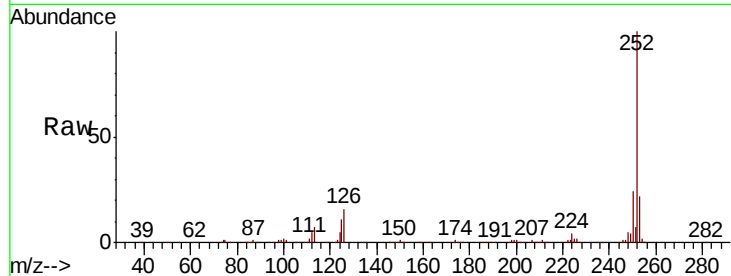




#89
Benzo(k)fluoranthene
Concen: 20.971 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

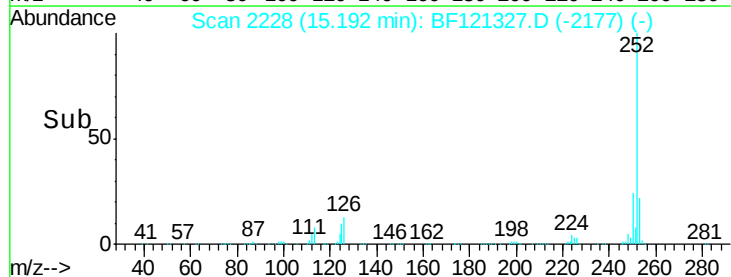
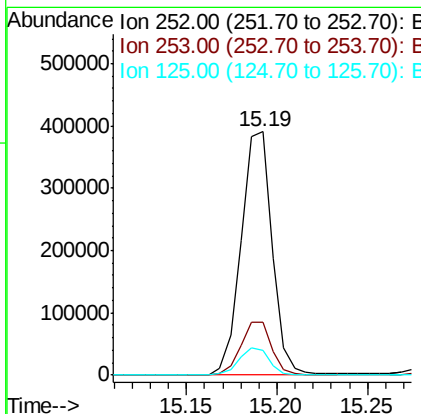
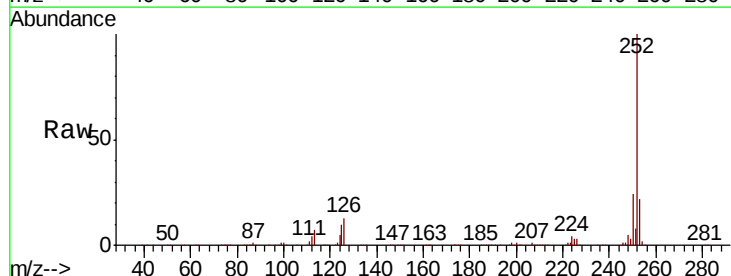
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

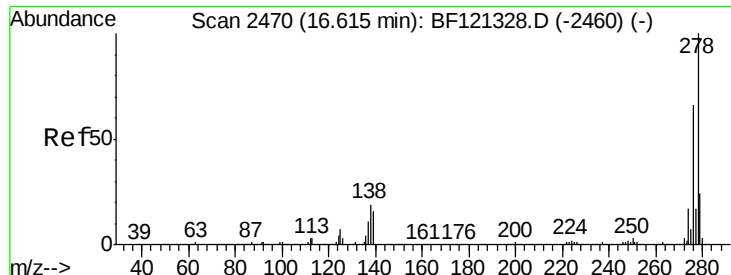
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.8	8.6	12.8



#90
Benzo(a)pyrene
Concen: 19.969 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF121327.D
Acq: 19 Aug 2020 19:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.1	9.4	14.0





#91

Dibenzo(a,h)anthracene

Concen: 19.533 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

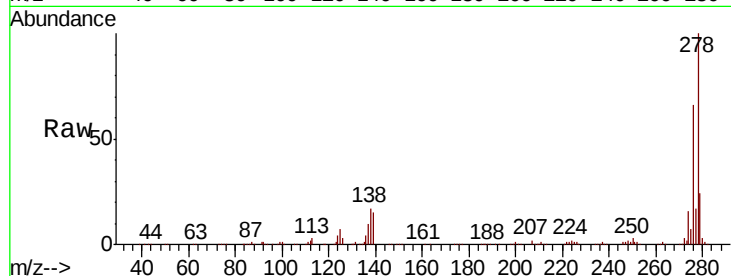
Tot Ion:278 Resp: 413765

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

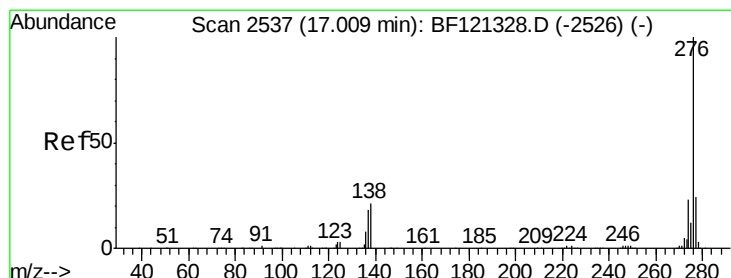
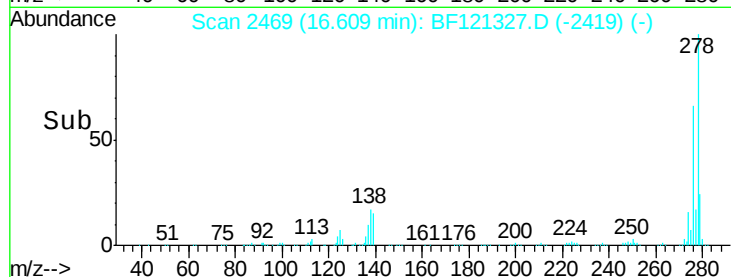
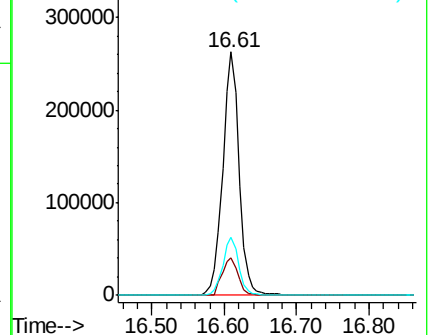
279 23.7 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 18.821 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF121327.D

Acq: 19 Aug 2020 19:28

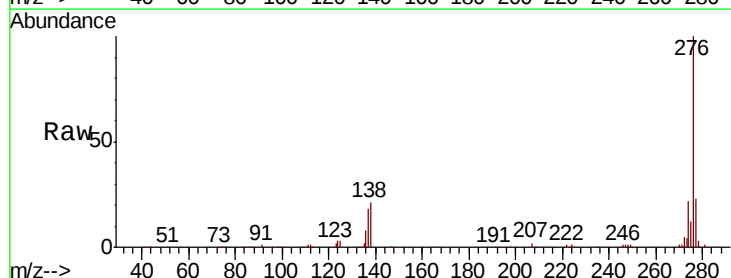
Tgt Ion:276 Resp: 387407

Ion Ratio Lower Upper

276 100

277 23.1 19.3 28.9

138 20.7 16.8 25.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

