

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121370.D
 Acq On : 21 Aug 2020 16:35
 Operator : JU/CG
 Sample : PB131076BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 17:48:48 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 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	158257	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	633705	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	333491	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	634105	20.00	ng	0.00
76) Chrysene-d12	13.85	240	474555	20.00	ng	0.00
86) Perylene-d12	15.26	264	477490	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	920187	95.34	ng	0.02
7) Phenol-d6	6.35	99	1145034	92.93	ng	0.00
23) Nitrobenzene-d5	7.27	82	967897	86.38	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	344454	88.63	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1686508	99.25	ng	0.00
79) Terphenyl-d14	12.80	244	1488502	61.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	164381	37.638	ng	100
3) Pyridine	3.16	79	361561	30.845	ng	100
4) n-Nitrosodimethylamine	3.11	42	182826	38.320	ng	96
6) Aniline	6.36	93	416577	29.281	ng	# 47
8) 2-Chlorophenol	6.49	128	397402	39.396	ng	99
9) Benzaldehyde	6.25	77	239368	34.534	ng	99
10) Phenol	6.36	94	466852	36.137	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	383982	38.593	ng	95
12) 1,3-Dichlorobenzene	6.63	146	416287	36.834	ng	99
13) 1,4-Dichlorobenzene	6.71	146	423259	37.099	ng	100
14) 1,2-Dichlorobenzene	6.87	146	378114	34.801	ng	97
15) Benzyl Alcohol	6.85	79	280012	37.772	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	530211	36.192	ng	84
17) 2-Methylphenol	6.96	107	325708	39.132	ng	98
18) Hexachloroethane	7.20	117	160642	37.815	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	256537	38.715	ng	98
20) 3+4-Methylphenols	7.12	107	384613	47.021	ng	# 86
22) Acetophenone	7.11	105	531489	35.874	ng	98
24) Nitrobenzene	7.29	77	410315	35.929	ng	97
25) Isophorone	7.53	82	770917	37.806	ng	98
26) 2-Nitrophenol	7.60	139	225240	38.457	ng	95
27) 2,4-Dimethylphenol	7.65	122	359191	42.979	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	490487	35.336	ng	99
29) 2,4-Dichlorophenol	7.85	162	335551	36.775	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	365947	35.072	ng	99
31) Naphthalene	8.00	128	1136700	36.041	ng	99
32) Benzoic acid	7.79	122	189357	31.779	ng	98
33) 4-Chloroaniline	8.05	127	345210	24.718	ng	97
34) Hexachlorobutadiene	8.12	225	210035	34.014	ng	98
35) Caprolactam	8.43	113	61702	20.647	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	347213	37.624	ng	96
37) 2-Methylnaphthalene	8.69	142	772575	37.793	ng	99
38) 1-Methylnaphthalene	8.79	142	717173	36.897	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	358143	36.183	ng	99

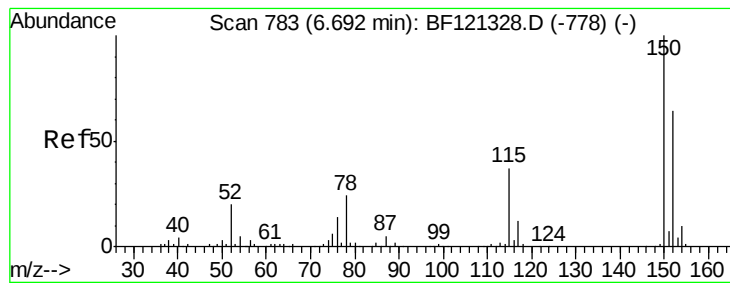
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121370.D
 Acq On : 21 Aug 2020 16:35
 Operator : JU/CG
 Sample : PB131076BS
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Quant Time: Aug 21 17:48:48 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	301009	77.035	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	242197	35.792	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	261127	37.509	ng	97
46) 1,1'-Biphenyl	9.16	154	923830	36.960	ng	99
47) 2-Chloronaphthalene	9.18	162	710035	34.480	ng	98
48) 2-Nitroaniline	9.28	65	225106	34.718	ng	99
49) Acenaphthylene	9.59	152	1124081	36.750	ng	100
50) Dimethylphthalate	9.46	163	857071	35.325	ng	100
51) 2,6-Dinitrotoluene	9.53	165	193019	37.251	ng	97
52) Acenaphthene	9.76	154	653634	35.170	ng	98
53) 3-Nitroaniline	9.69	138	146970	22.674	ng	95
54) 2,4-Dinitrophenol	9.81	184	188183	75.332	ng	96
55) Dibenzofuran	9.94	168	962144	39.956	ng	99
56) 4-Nitrophenol	9.87	139	267332	66.873	ng	96
57) 2,4-Dinitrotoluene	9.93	165	227033	35.915	ng	93
58) Fluorene	10.28	166	720902	40.732	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	214074	35.971	ng	99
60) Diethylphthalate	10.16	149	835393	35.261	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	355611	39.744	ng	98
62) 4-Nitroaniline	10.31	138	211891	31.904	ng	100
63) Azobenzene	10.43	77	786959	35.762	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	139654	41.182	ng	90
66) n-Nitrosodiphenylamine	10.39	169	707488	36.171	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	246312	35.018	ng	96
68) Hexachlorobenzene	10.83	284	276526	34.106	ng	99
69) Atrazine	10.93	200	204322	33.722	ng	99
70) Pentachlorophenol	11.03	266	268724	74.492	ng	98
71) Phenanthrene	11.24	178	1097634	33.446	ng	100
72) Anthracene	11.29	178	1155699	36.569	ng	100
73) Carbazole	11.45	167	1063976	35.277	ng	100
74) Di-n-butylphthalate	11.78	149	1303647	35.844	ng	100
75) Fluoranthene	12.43	202	1206610	33.873	ng	98
77) Benzidine	12.55	184	675999	51.704	ng	99
78) Pyrene	12.66	202	1232316	34.570	ng	99
80) Butylbenzylphthalate	13.27	149	552406	36.064	ng	98
81) Benzo(a)anthracene	13.84	228	982159	33.322	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	308520	27.262	ng	99
83) Chrysene	13.88	228	1036322	34.377	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	656198	36.429	ng	99
85) Di-n-octyl phthalate	14.44	149	1241571	37.245	ng	99
87) Indeno(1,2,3-cd)pyrene	16.63	276	1000464	34.325	ng	100
88) Benzo(b)fluoranthene	14.86	252	1109643	35.972	ng	99
89) Benzo(k)fluoranthene	14.89	252	893031	32.887	ng	100
90) Benzo(a)pyrene	15.20	252	911718	34.206	ng	99
91) Dibenzo(a,h)anthracene	16.64	278	831240	34.783	ng	100
92) Benzo(g,h,i)perylene	17.04	276	837785	35.859	ng	99

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

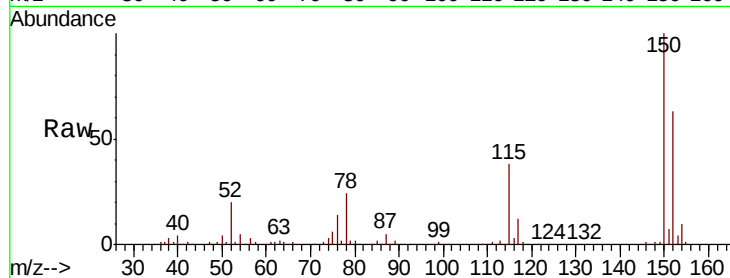


#1

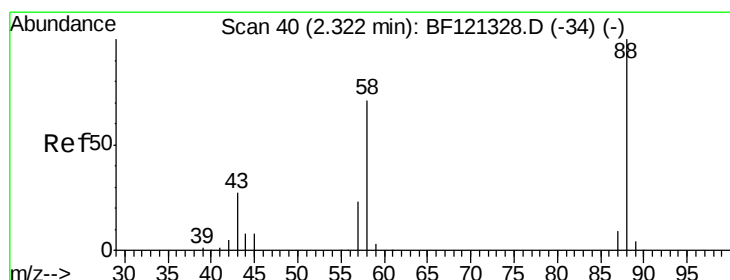
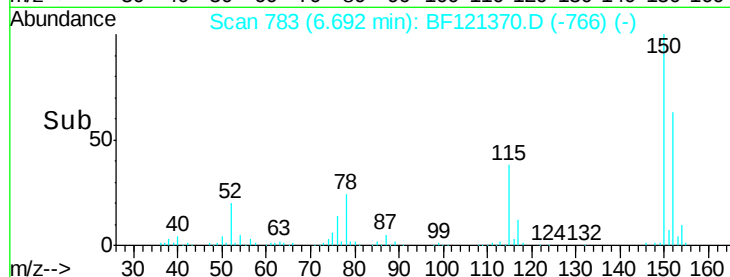
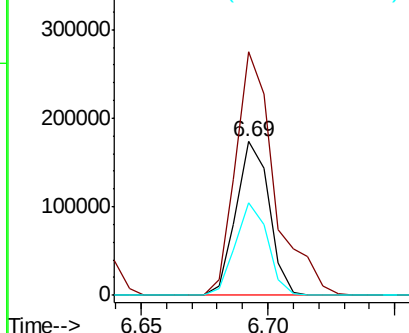
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.8	187.2
115	60.5	46.1	69.1



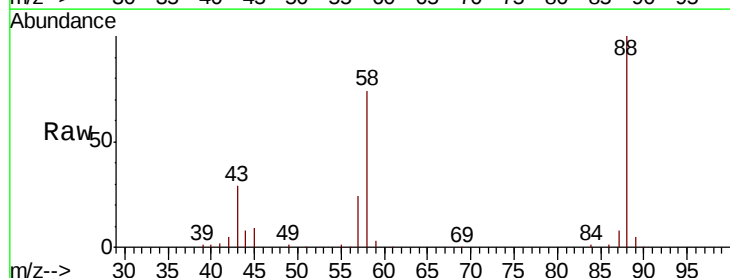
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



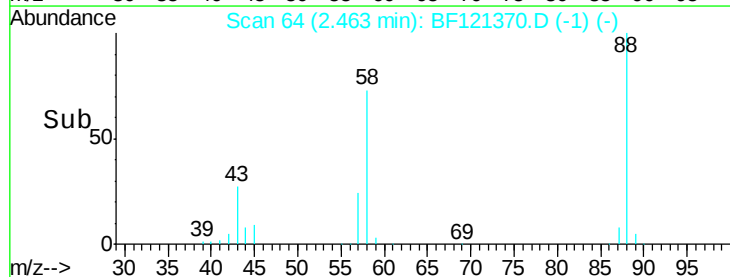
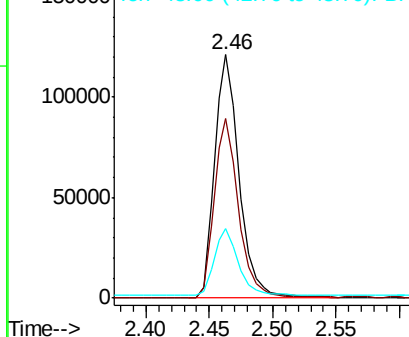
#2

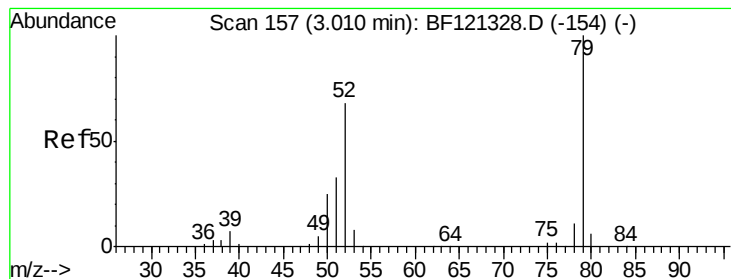
1,4-Dioxane
Concen: 37.638 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.14 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	58.5	87.7
43	26.9	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: 30.845 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.15 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampled :

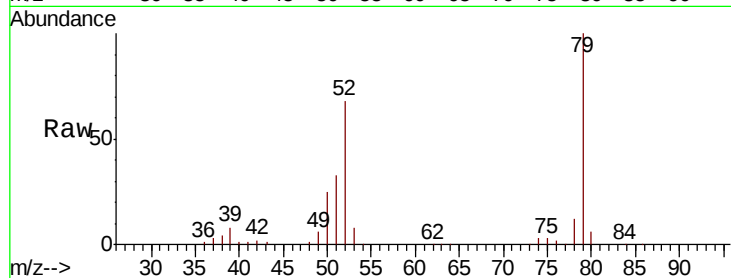
Tot Ion: 79 Resp: 361561

Ion Ratio Lower Upper

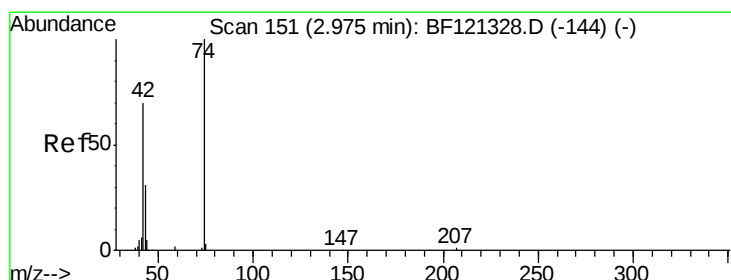
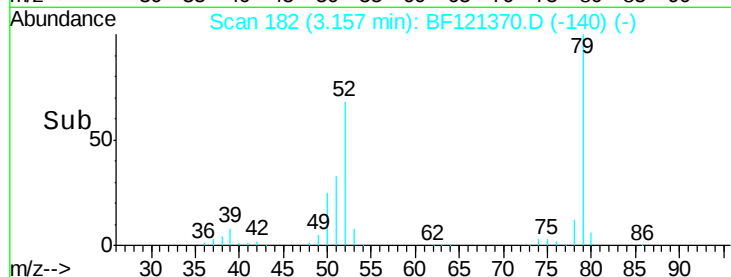
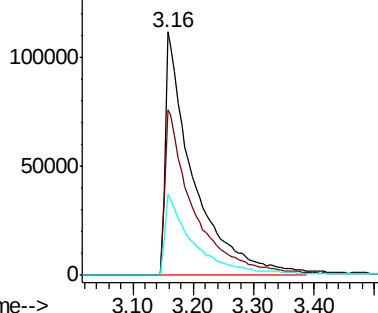
79 100

52 68.2 54.6 82.0

51 33.3 27.0 40.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
150000 Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.320 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.14 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

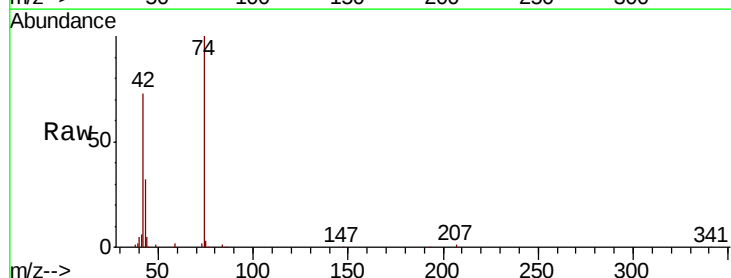
Tgt Ion: 42 Resp: 182826

Ion Ratio Lower Upper

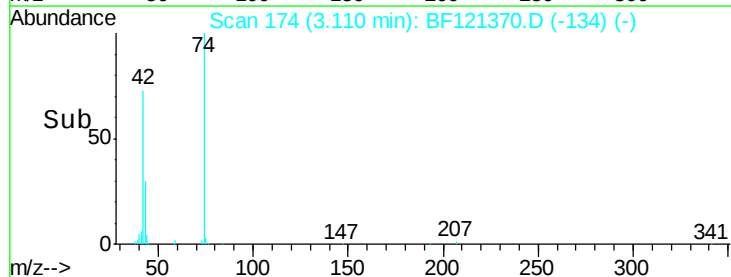
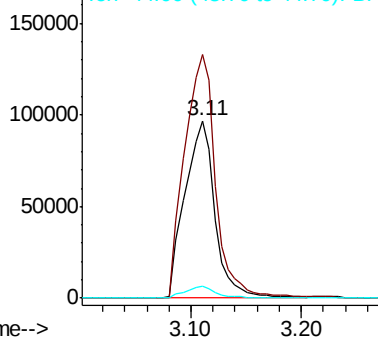
42 100

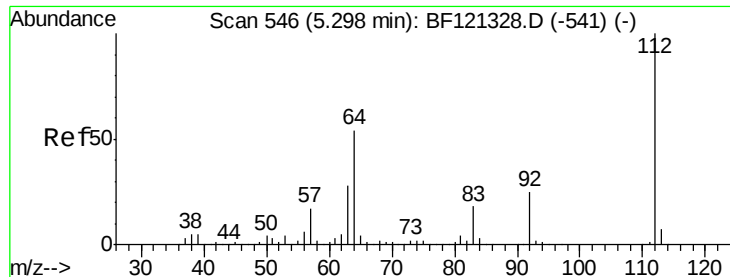
74 137.2 114.2 171.2

44 6.5 5.4 8.2



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





#5

2-Fluorophenol

Concen: 95.343 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.02 min

Lab File: BF121370.D

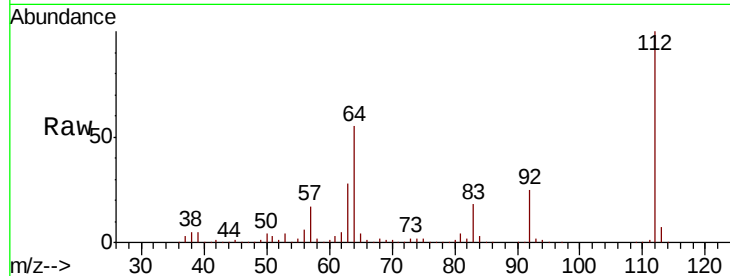
Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	920187
Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.5	65.3
63	28.3	22.0	33.0

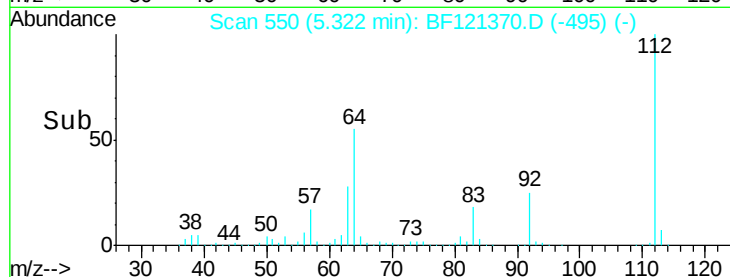


Abundance Ion 112.00 (111.70 to 112.70): BF1

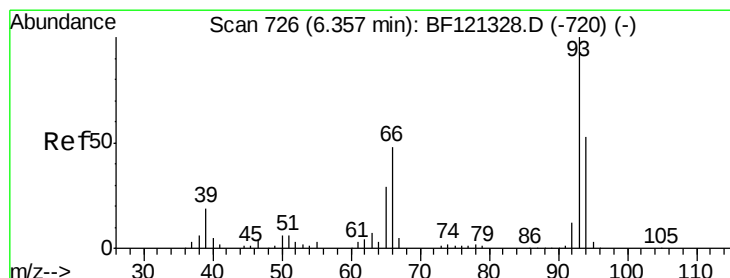
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->



Time-->



#6

Aniline

Concen: 29.281 ng

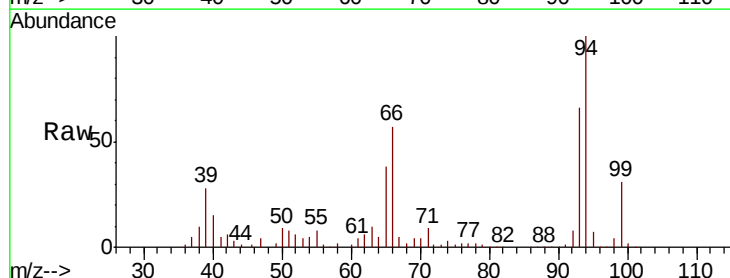
RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Tgt Ion:	93	Resp:	416577
Ion	Ratio	Lower	Upper
93	100		
66	86.7	40.2	60.2#
65	58.0	23.6	35.4#

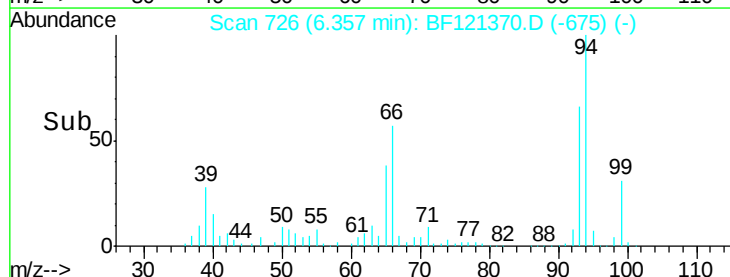


Abundance Ion 93.00 (92.70 to 93.70): BF1

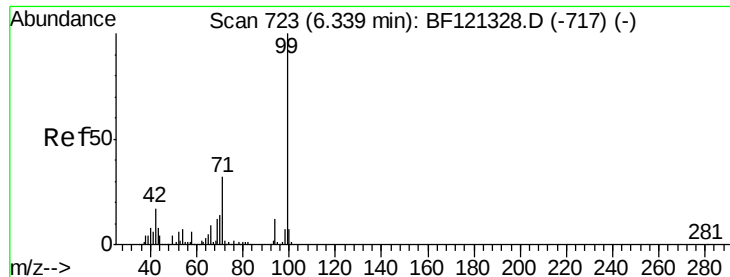
Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->



Time-->



#7

Phenol-d6

Concen: 92.935 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampled :

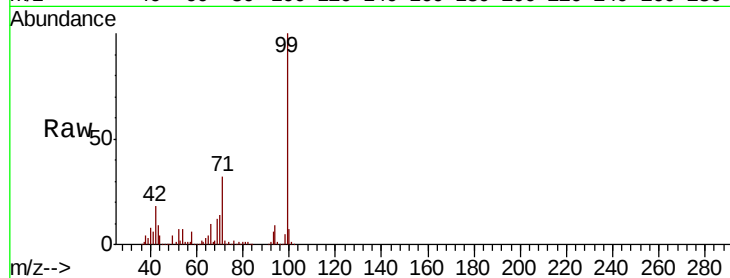
Tot Ion: 99 Resp: 1145034

Ion Ratio Lower Upper

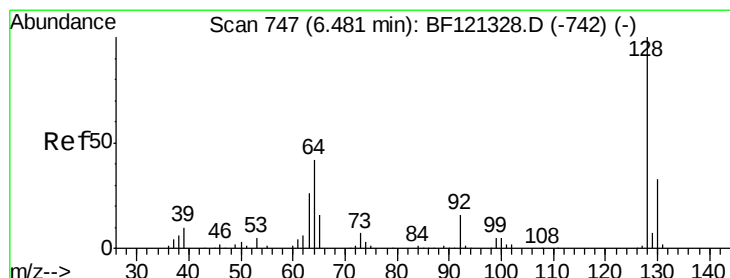
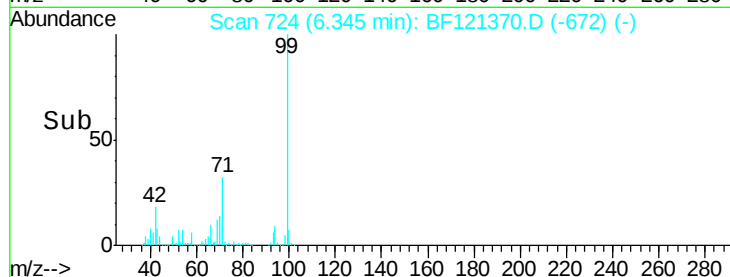
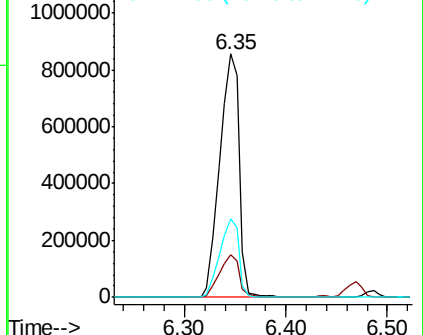
99 100

42 17.6 13.5 20.3

71 32.1 25.2 37.8



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



#8

2-Chlorophenol

Concen: 39.396 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

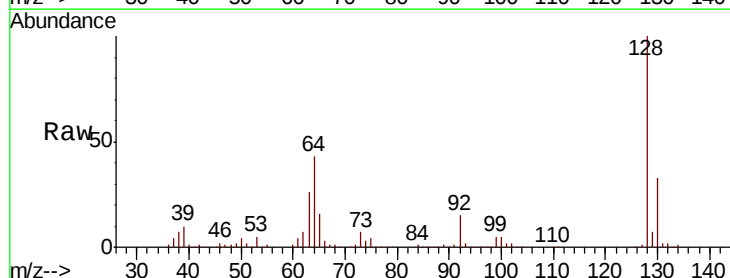
Tgt Ion: 128 Resp: 397402

Ion Ratio Lower Upper

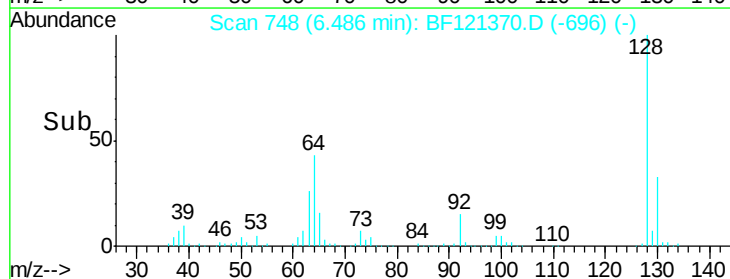
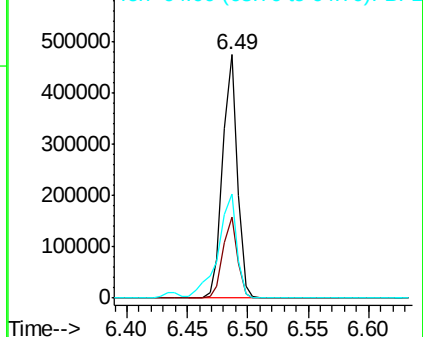
128 100

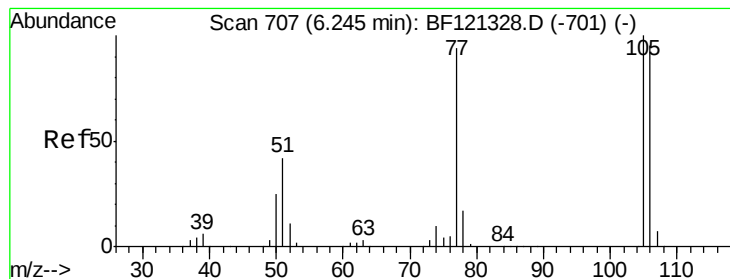
130 33.1 12.8 52.8

64 42.9 23.4 63.4



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





#9

Benzaldehyde

Concen: 34.534 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampled :

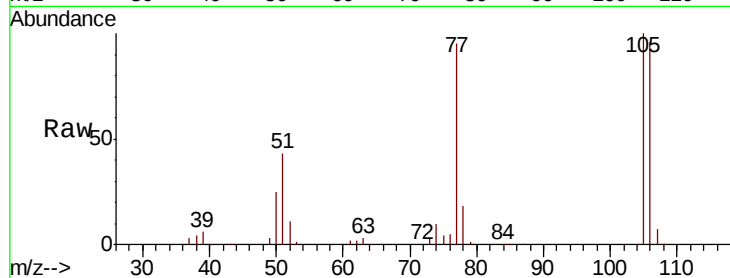
Tot Ion: 77 Resp: 239368

Ion Ratio Lower Upper

77 100

105 105.0 86.3 126.3

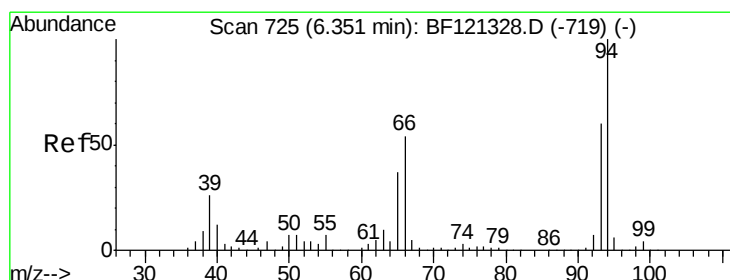
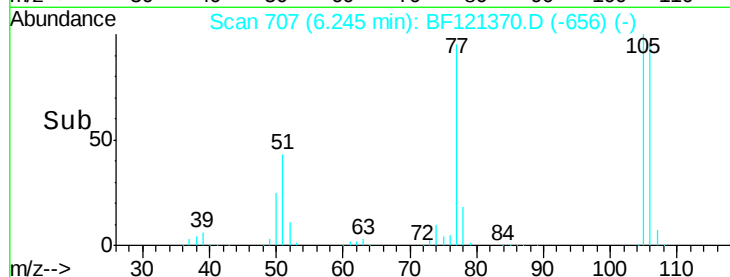
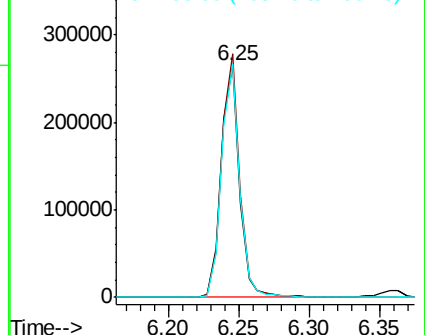
106 100.7 81.2 121.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.137 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

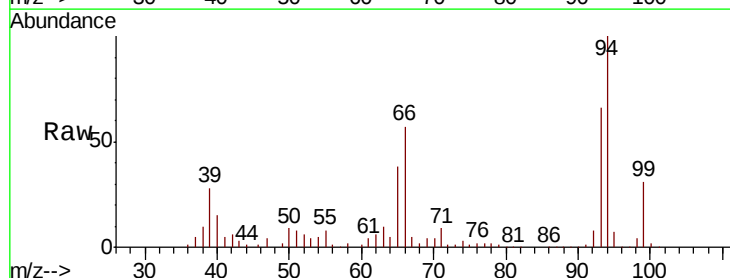
Tgt Ion: 94 Resp: 466852

Ion Ratio Lower Upper

94 100

65 38.5 16.6 56.6

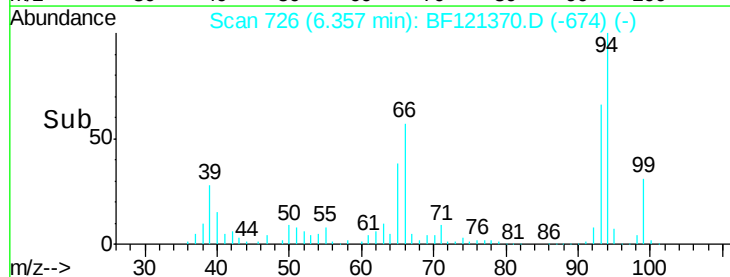
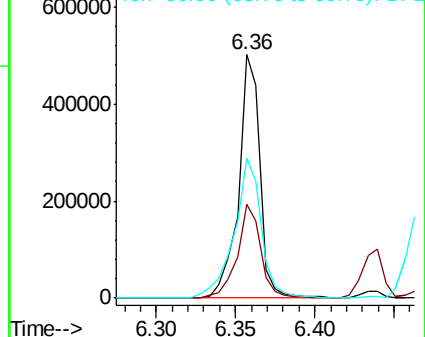
66 57.5 34.3 74.3

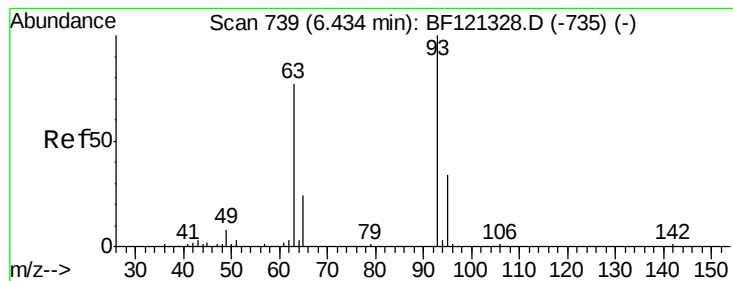


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



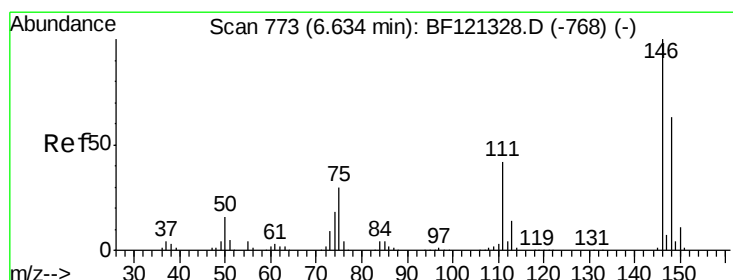
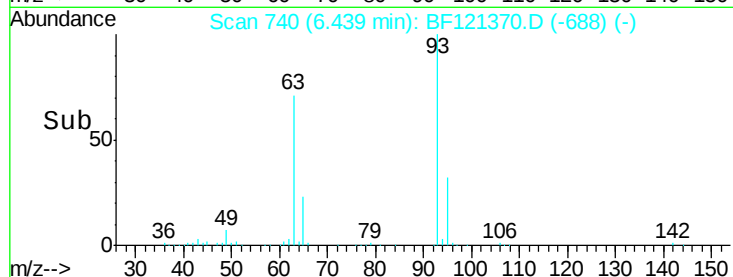
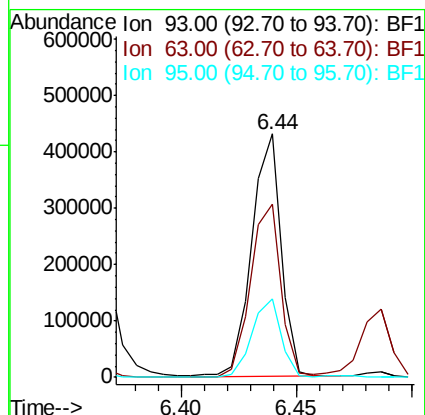
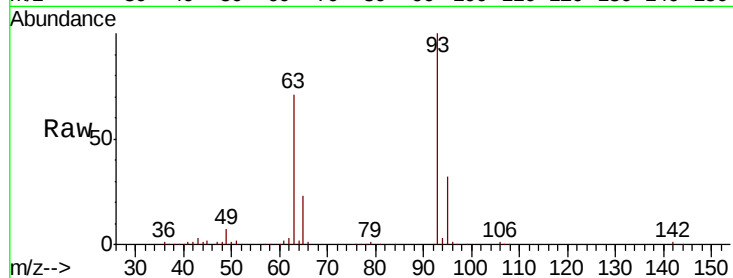


#11

bis(2-Chloroethyl)ether
 Concen: 38.593 ng
 RT: 6.44 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Instrument :
 BNA_F
 ClientSampled :

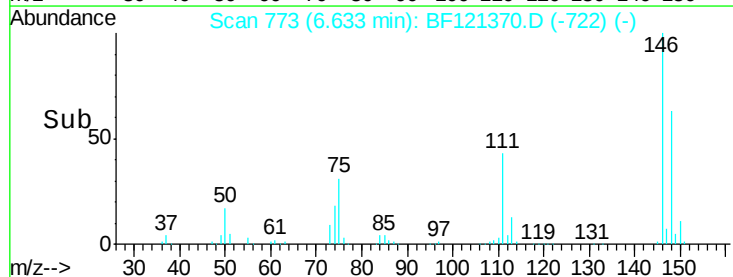
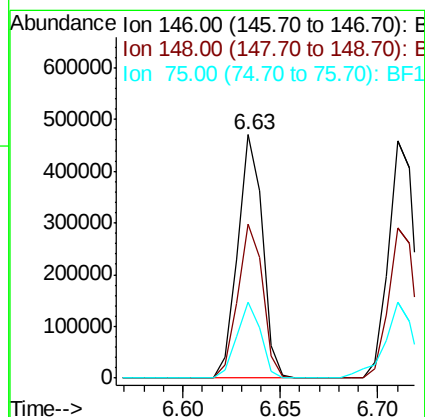
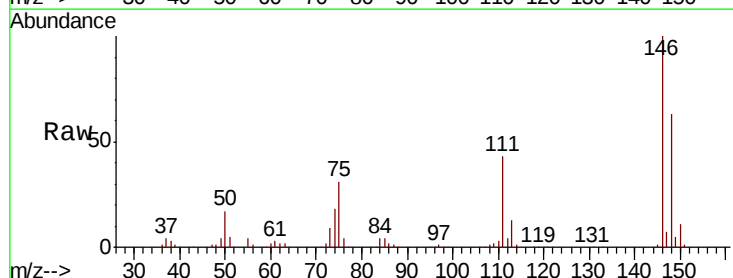
Tot Ion: 93 Resp: 383982
 Ion Ratio Lower Upper
 93 100
 63 71.4 56.4 96.4
 95 32.5 13.5 53.5

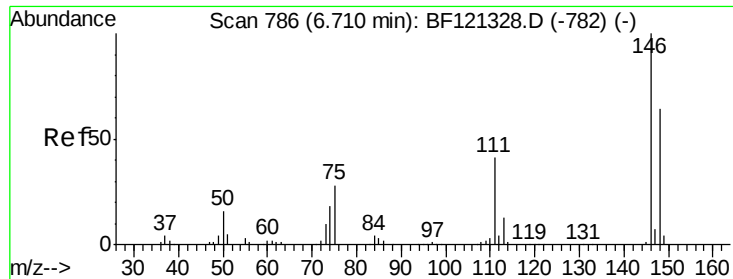


#12

1,3-Dichlorobenzene
 Concen: 36.834 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Tgt Ion: 146 Resp: 416287
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.7 76.1
 75 31.2 23.8 35.6

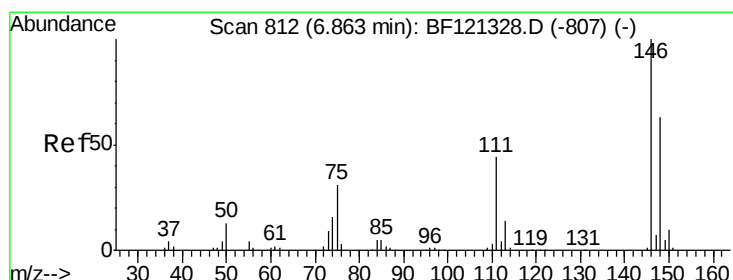
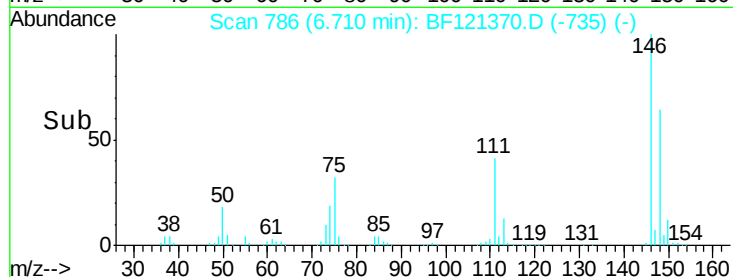
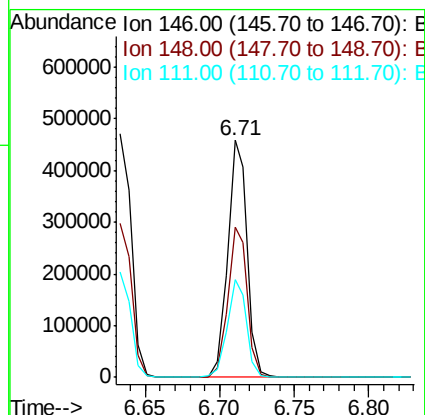
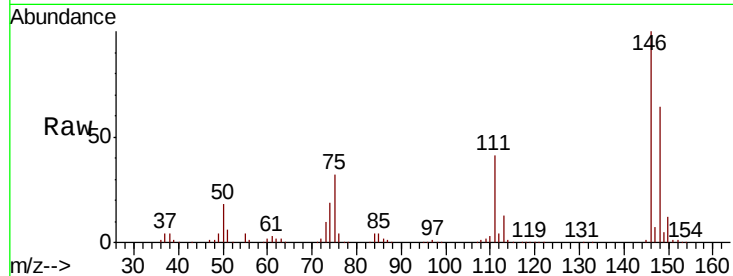




#13
 1,4-Dichlorobenzene
 Concen: 37.099 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

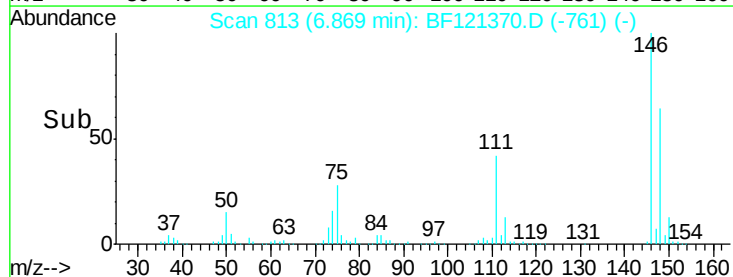
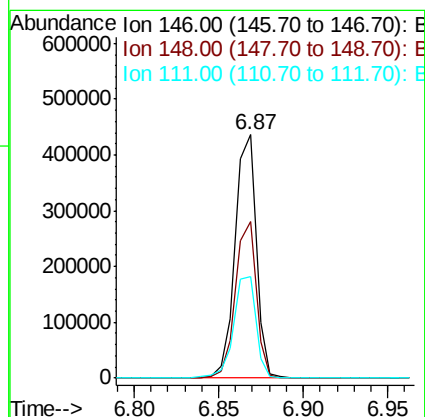
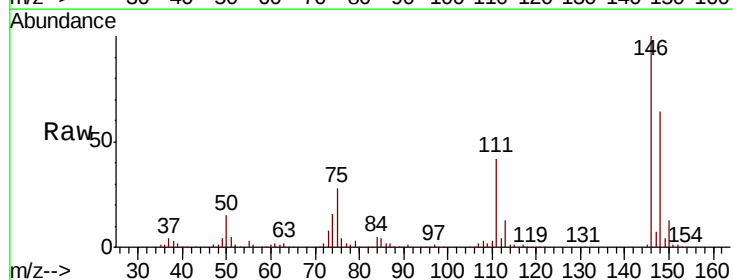
Instrument :
 BNA_F
 ClientSampled :

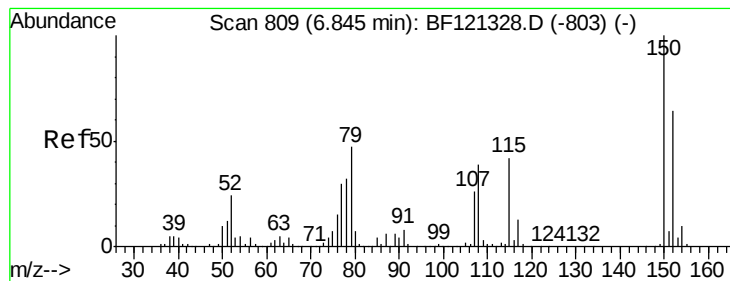
Tot Ion:146 Resp: 423259
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.2 76.8
 111 41.5 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 34.801 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Tgt Ion:146 Resp: 378114
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.3 75.5
 111 42.0 35.5 53.3





#15

Benzyl Alcohol

Concen: 37.772 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampled :

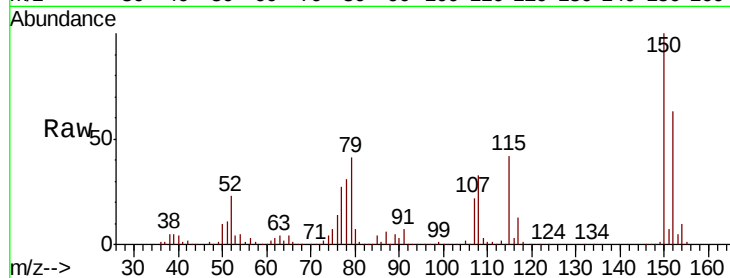
Tot Ion: 79 Resp: 280012

Ion Ratio Lower Upper

79 100

108 79.1 65.2 97.8

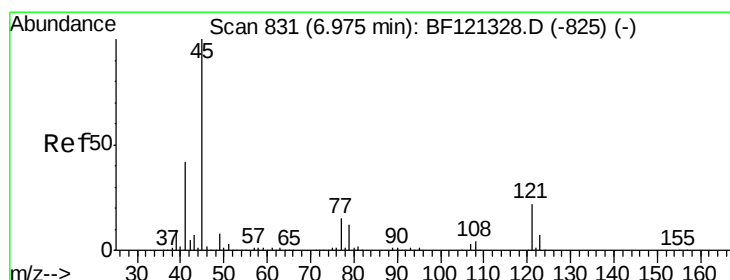
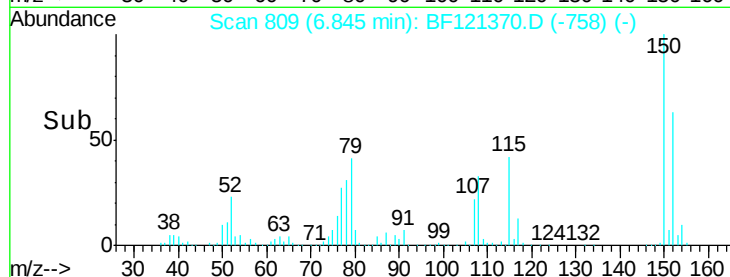
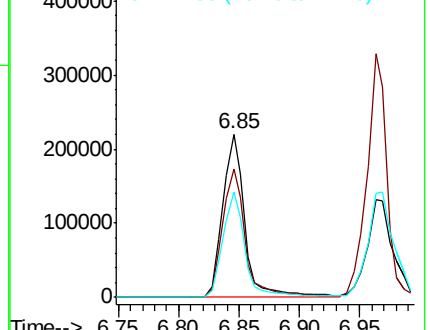
77 64.5 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.192 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

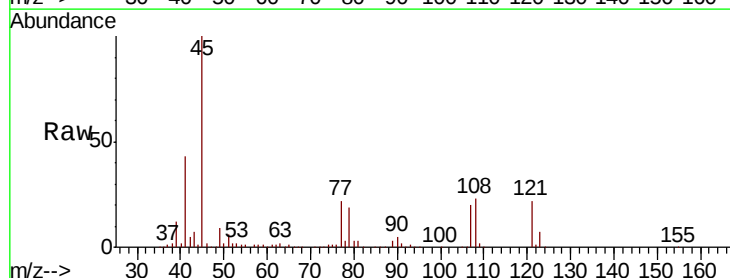
Tgt Ion: 45 Resp: 530211

Ion Ratio Lower Upper

45 100

77 22.4 0.0 35.6

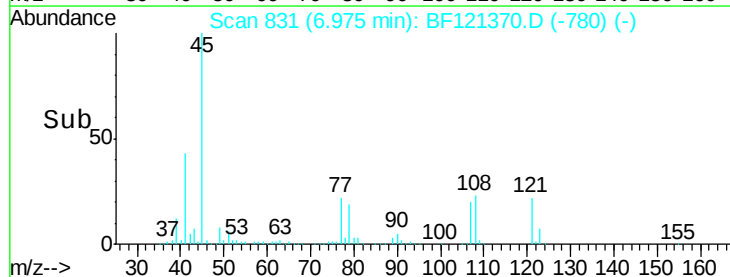
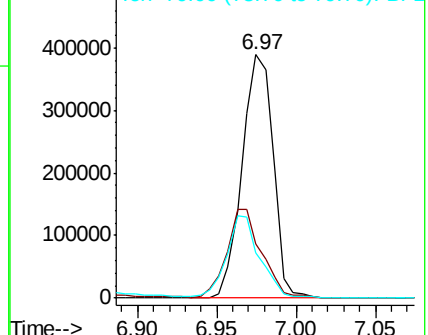
79 18.8 0.0 32.5

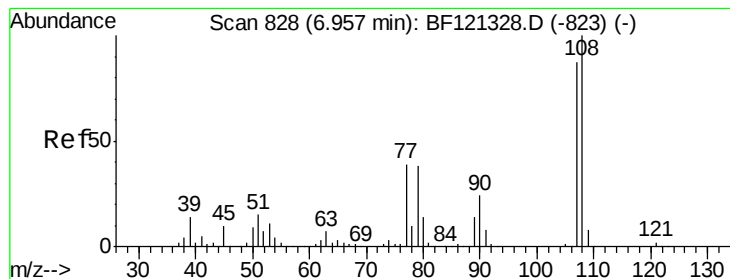


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.132 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 325708

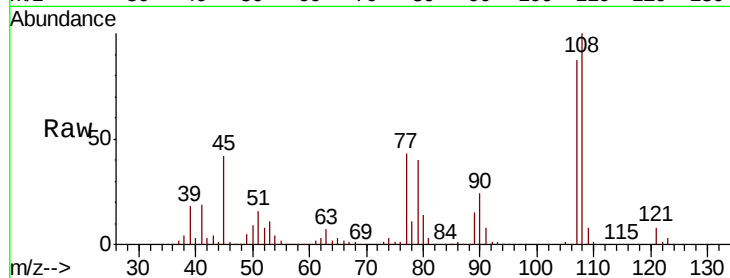
Ion Ratio Lower Upper

107 100

108 115.3 92.4 138.6

77 49.5 36.1 54.1

79 46.5 35.0 52.6

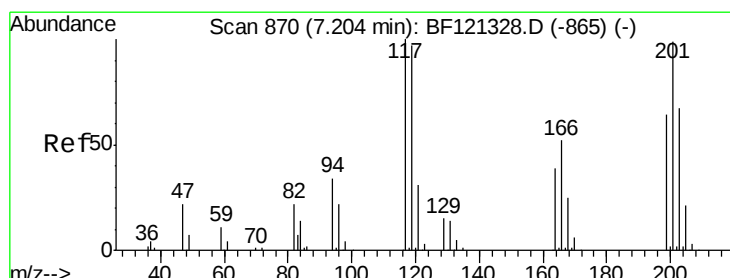
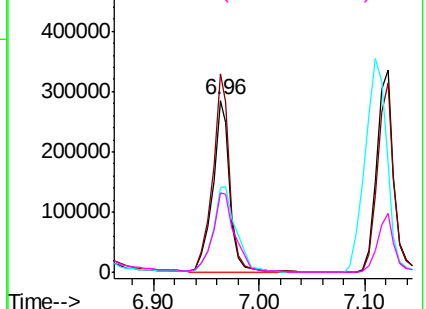
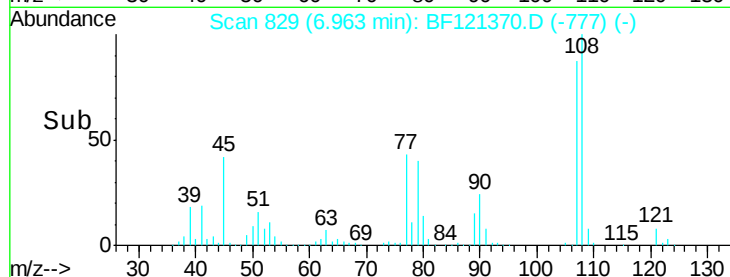


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.815 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

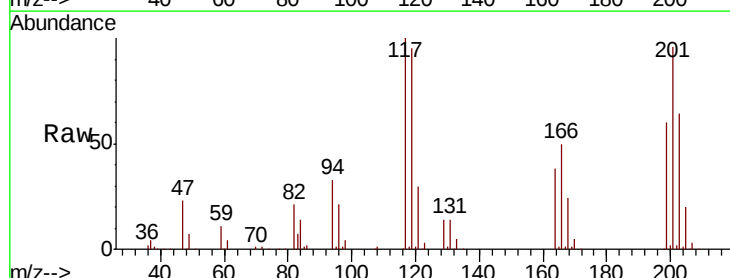
Tgt Ion:117 Resp: 160642

Ion Ratio Lower Upper

117 100

119 94.9 77.9 116.9

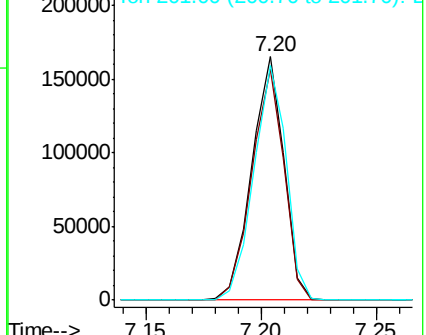
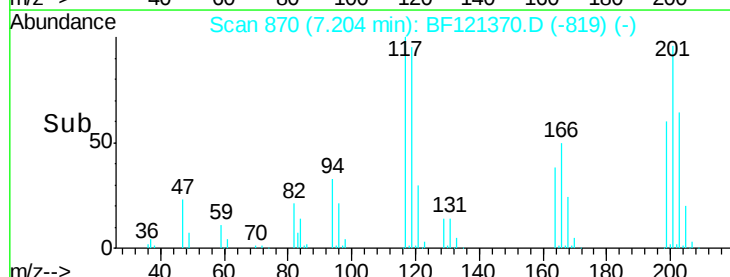
201 96.3 79.4 119.0

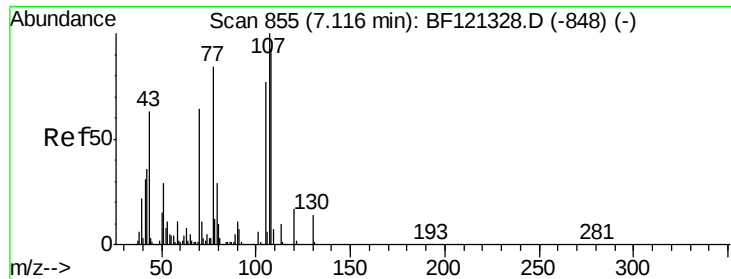


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

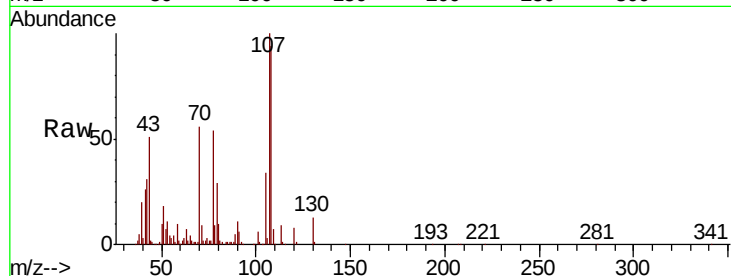




#19
n-Nitroso-di-n-propylamine
Concen: 38.715 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.8	45.2	67.8
101	9.9	7.7	11.5
130	23.6	17.6	26.4



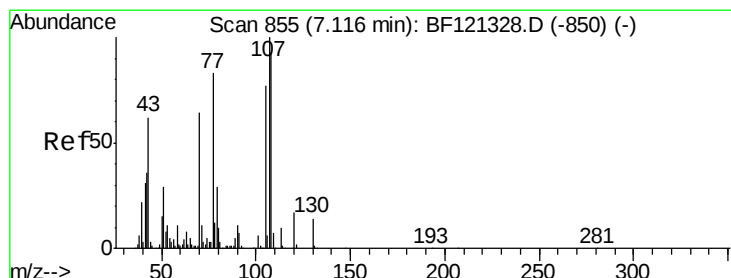
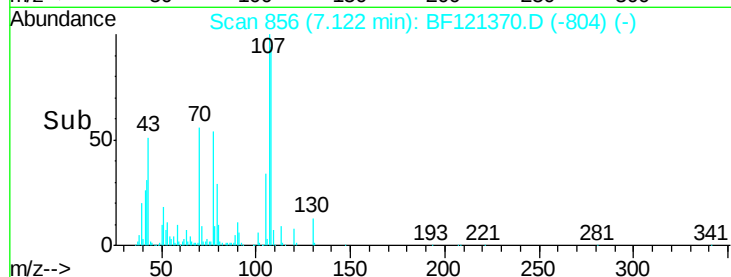
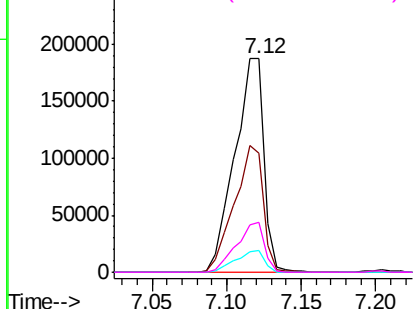
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 47.021 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	72.6	112.6
77	53.8	63.8	103.8
79	29.4	9.1	49.1

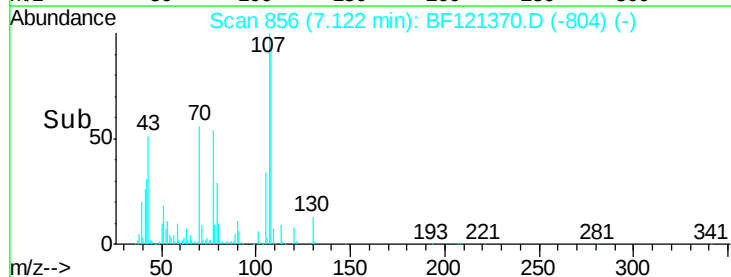
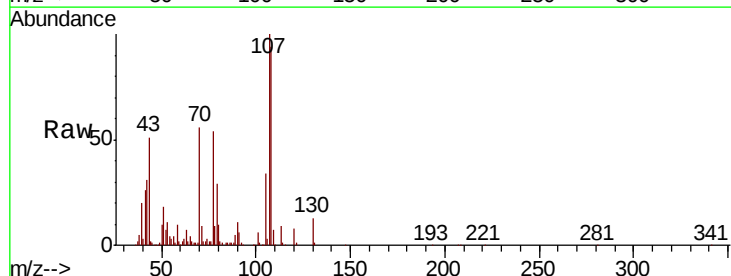
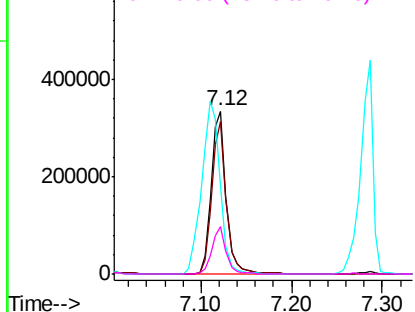
Abundance

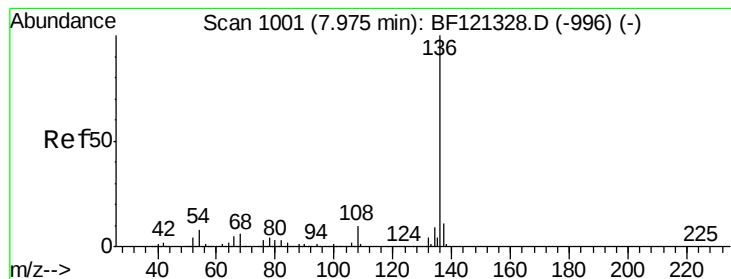
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 633705

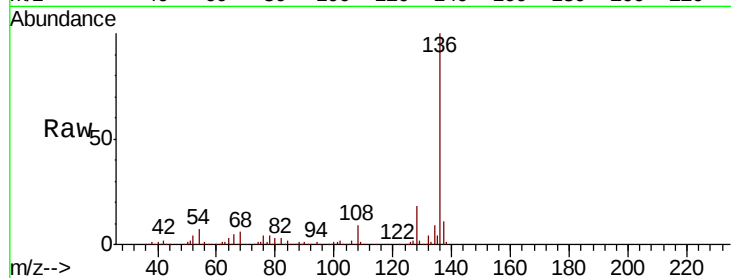
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.1 9.1

68 5.7 5.0 7.4

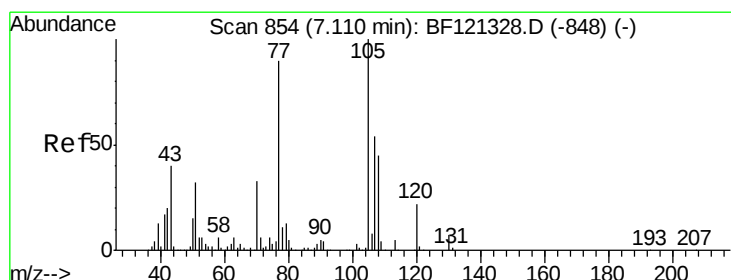
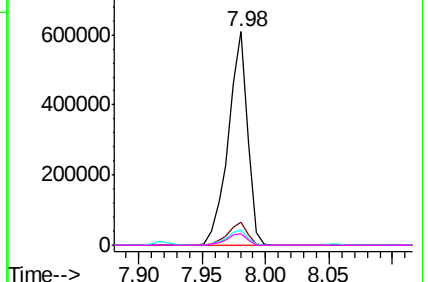
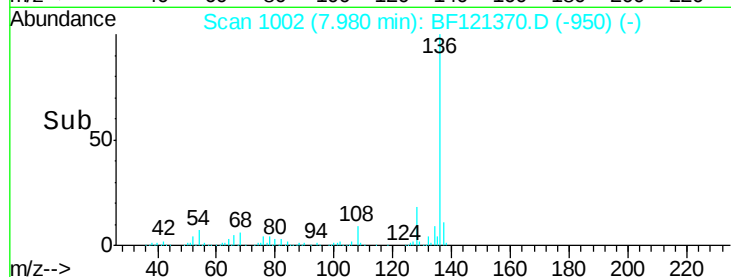


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.874 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Tgt Ion:105 Resp: 531489

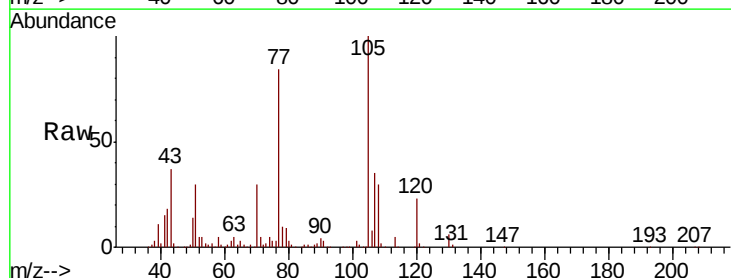
Ion Ratio Lower Upper

105 100

71 5.0 4.5 6.7

51 30.2 25.4 38.0

120 22.8 17.6 26.4

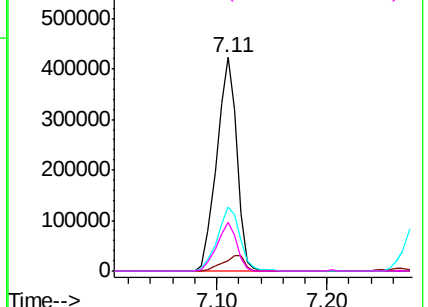
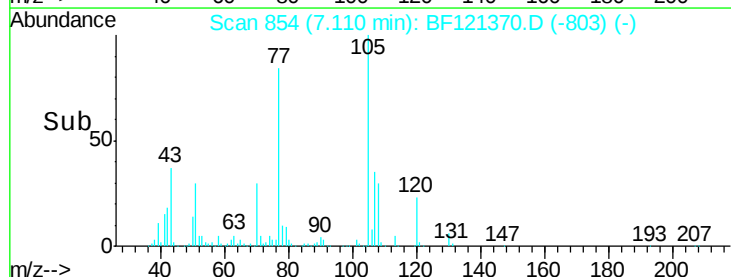


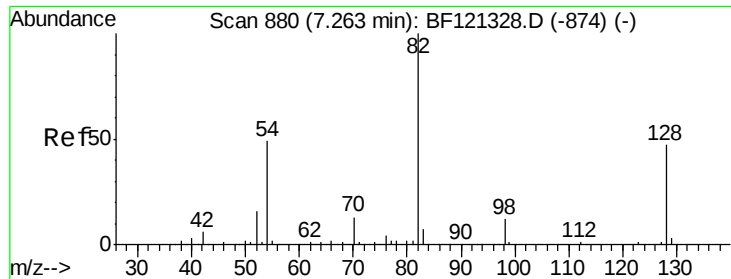
Abundance Ion 105.00 (104.70 to 105.70): E

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

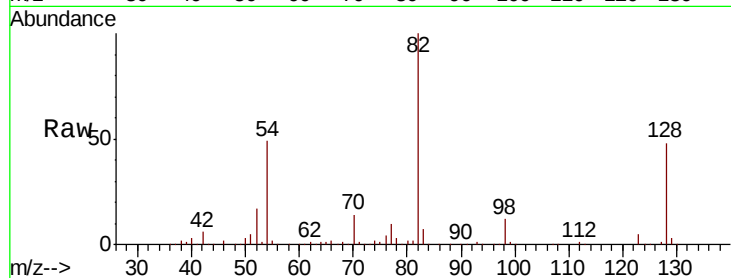




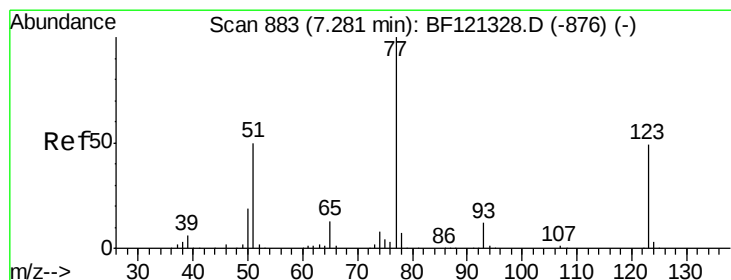
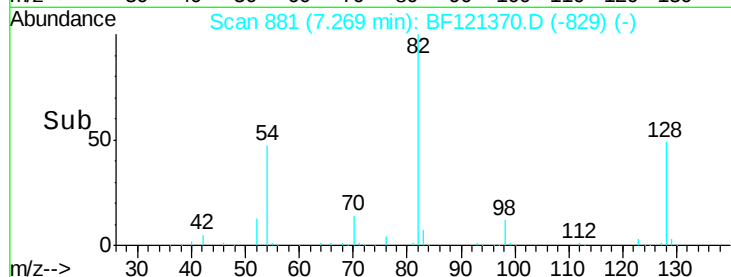
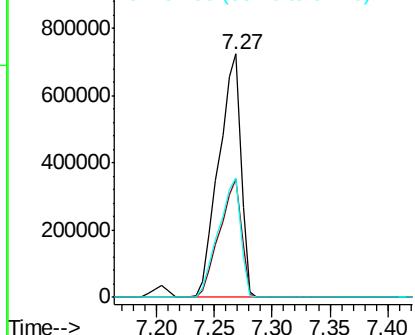
#23
Nitrobenzene-d5
Concen: 86.382 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	967897
Ion Ratio	Lower	Upper	
82	100		
128	48.5	37.9	56.9
54	48.8	39.0	58.4

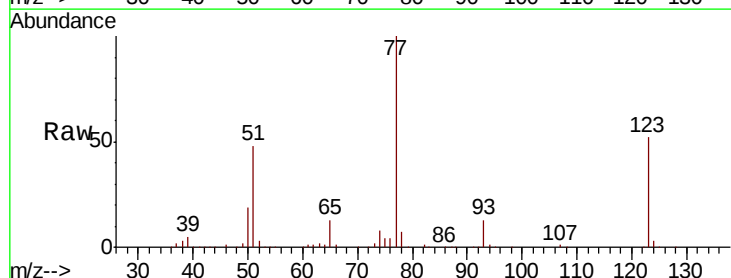


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

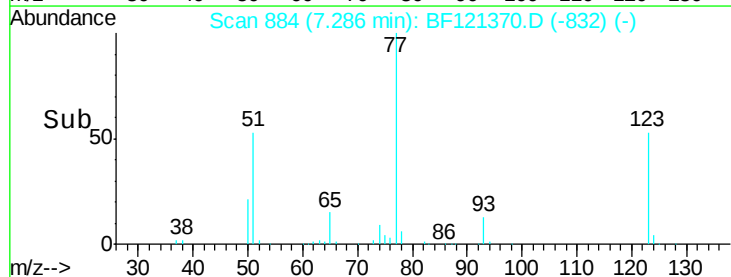
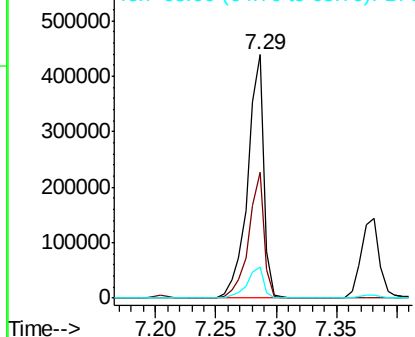


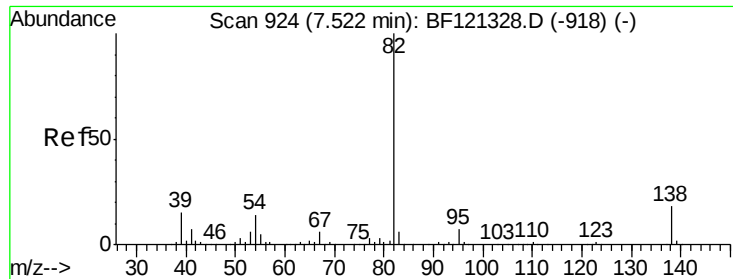
#24
Nitrobenzene
Concen: 35.929 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion	77	Resp	410315
Ion Ratio	Lower	Upper	
77	100		
123	51.7	39.2	58.8
65	13.0	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: 37.806 ng

RT: 7.53 min Scan# 925

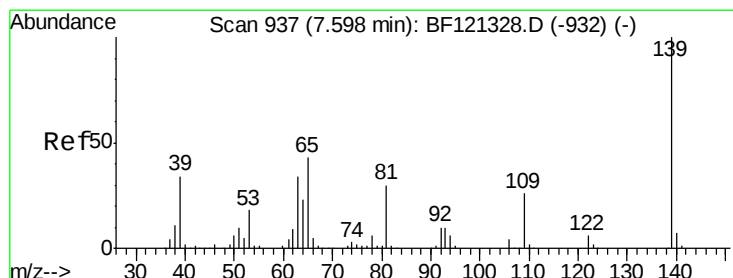
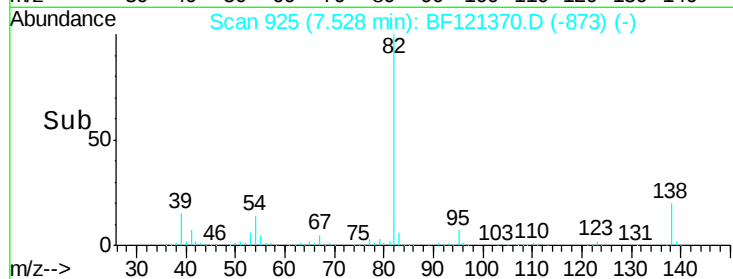
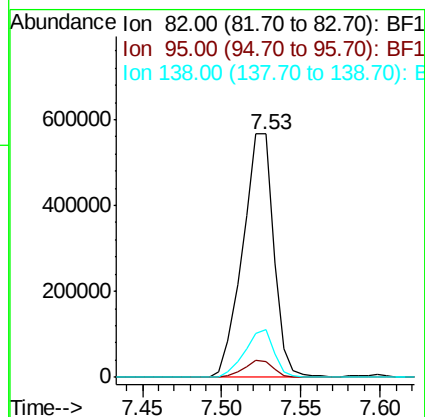
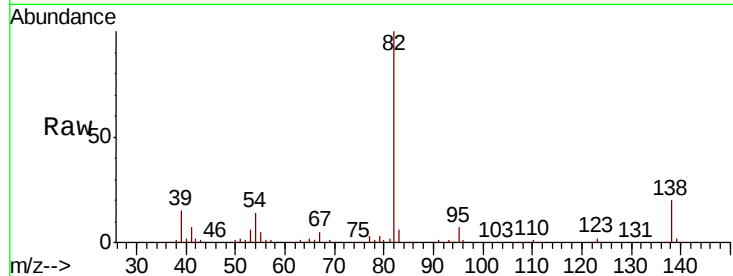
Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	770917
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	19.6	14.6	21.8



#26

2-Nitrophenol

Concen: 38.457 ng

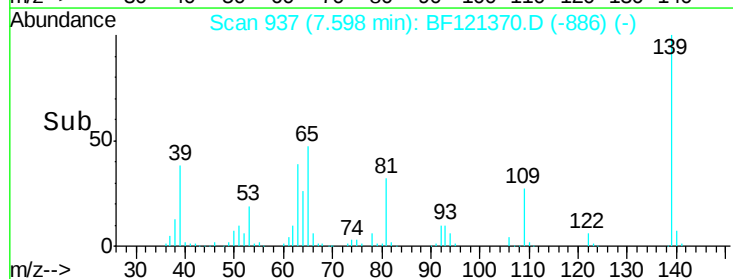
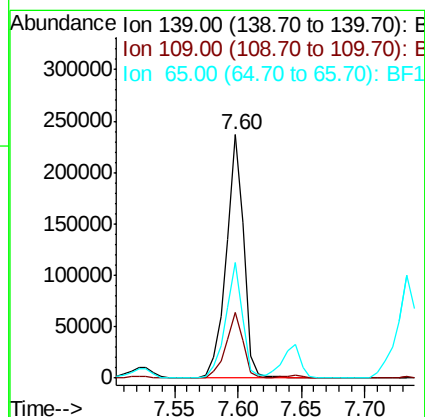
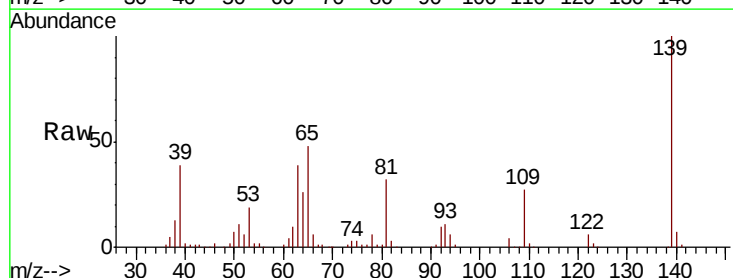
RT: 7.60 min Scan# 937

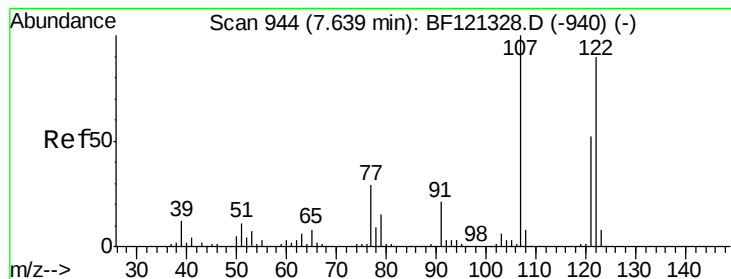
Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Tgt Ion:	139	Resp:	225240
Ion	Ratio	Lower	Upper
139	100		
109	27.1	21.1	31.7
65	47.6	34.5	51.7





#27

2,4-Dimethylphenol

Concen: 42.979 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampled :

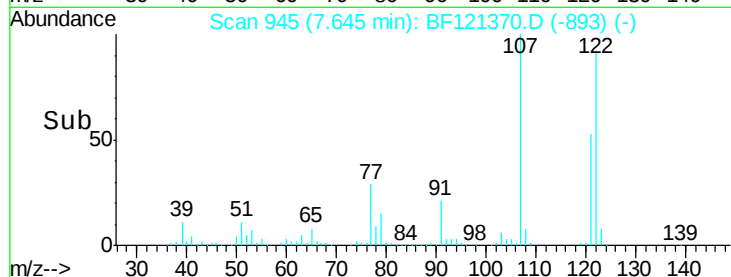
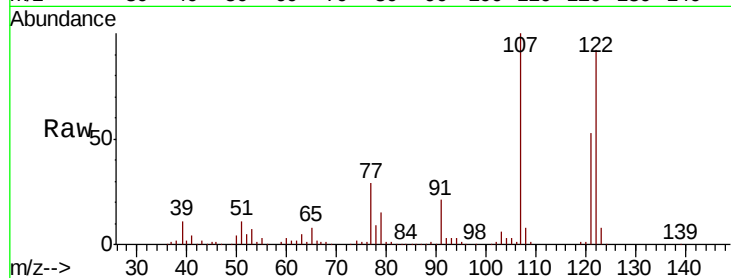
Tot Ion:122 Resp: 359191

Ion Ratio Lower Upper

122 100

107 108.6 89.0 133.4

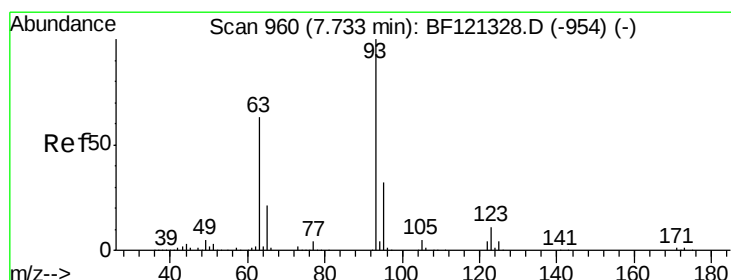
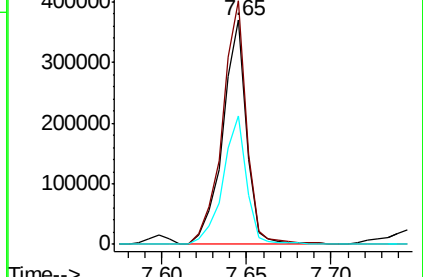
121 57.5 46.4 69.6



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: 35.336 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

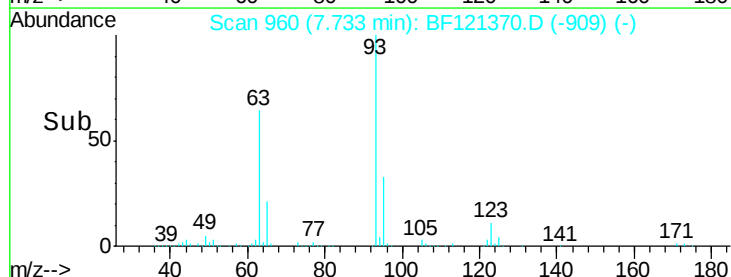
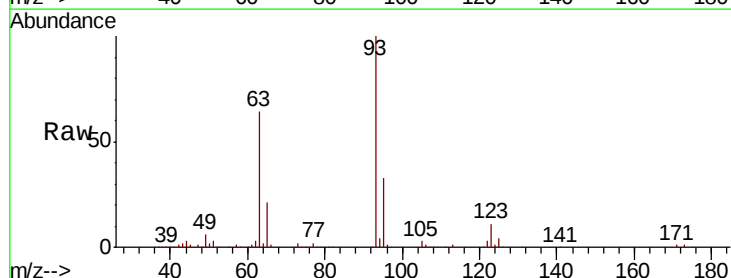
Tgt Ion: 93 Resp: 490487

Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.8

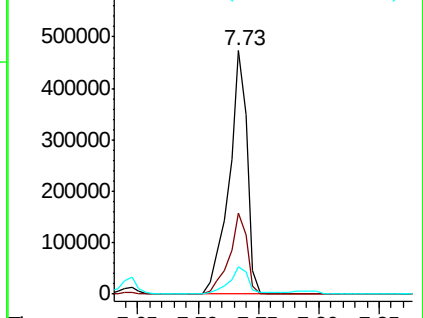
123 11.4 9.0 13.6

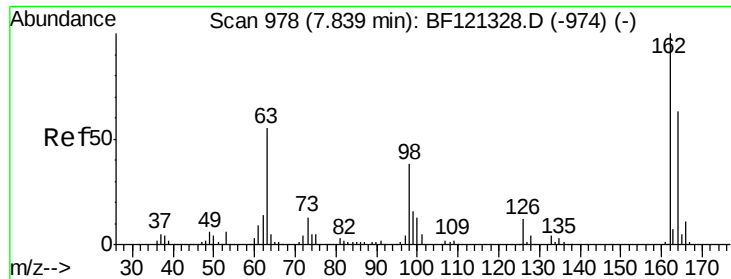


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

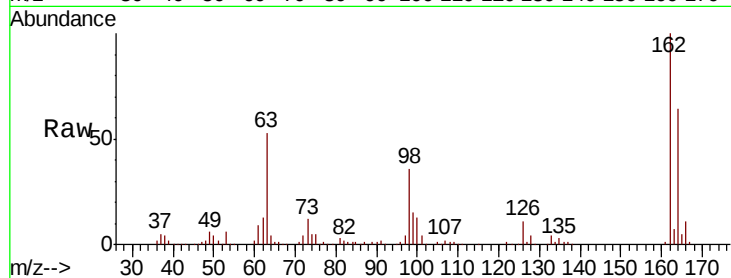




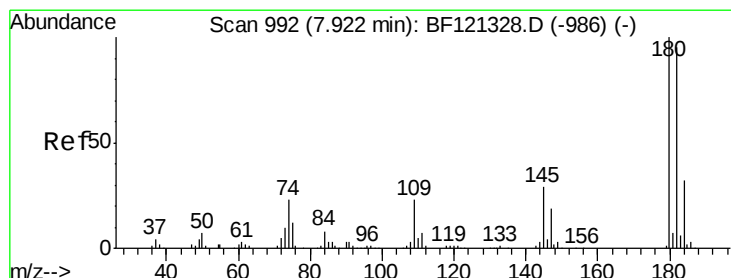
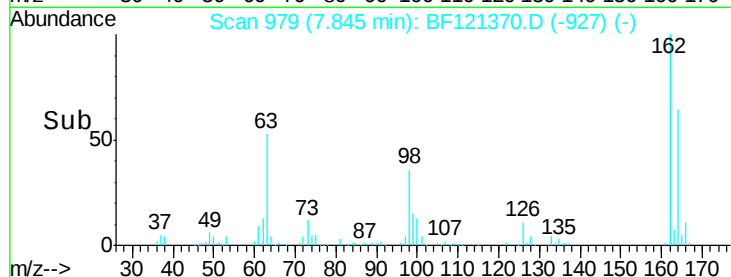
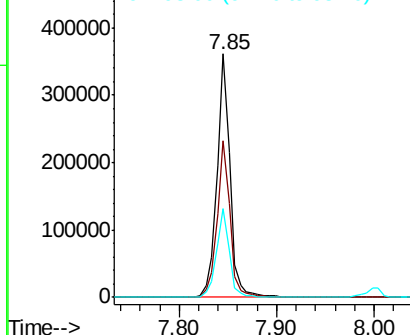
#29
 2,4-Dichlorophenol
 Concen: 36.775 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.4	83.4
98	36.3	18.1	58.1

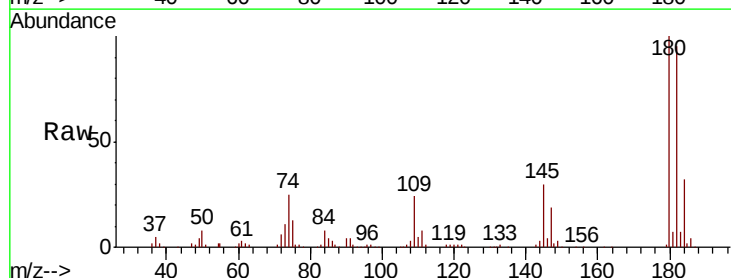


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

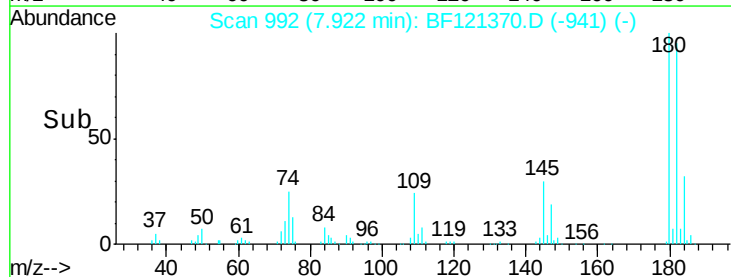
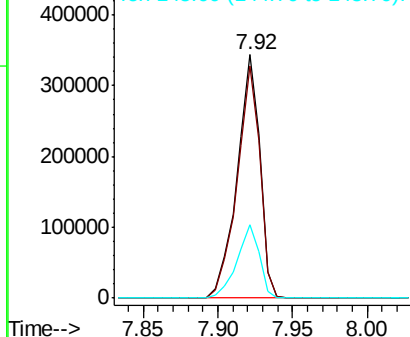


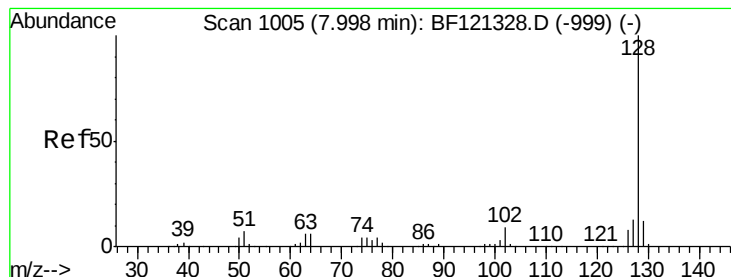
#30
 1,2,4-Trichlorobenzene
 Concen: 35.072 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.9	113.9
145	30.1	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: 36.041 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampleId :

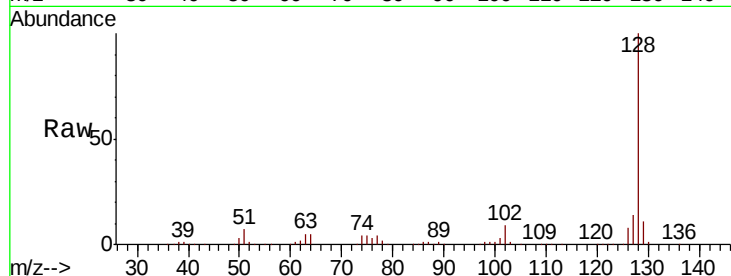
Tot Ion:128 Resp: 1136700

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

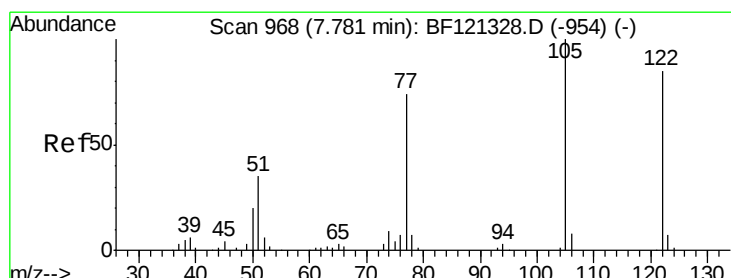
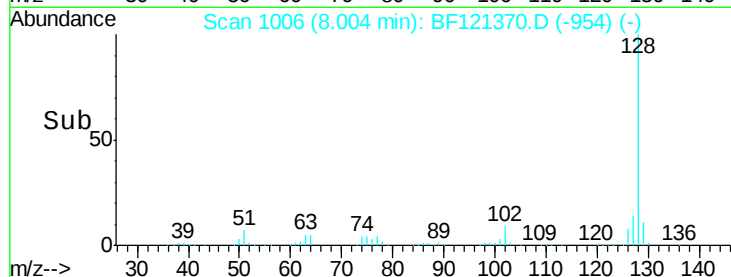
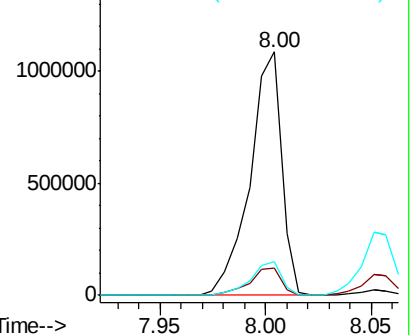
127 13.7 10.6 16.0



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: 31.779 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

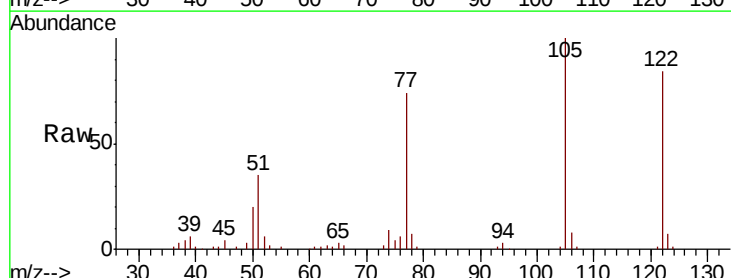
Tgt Ion:122 Resp: 189357

Ion Ratio Lower Upper

122 100

105 118.6 96.7 136.7

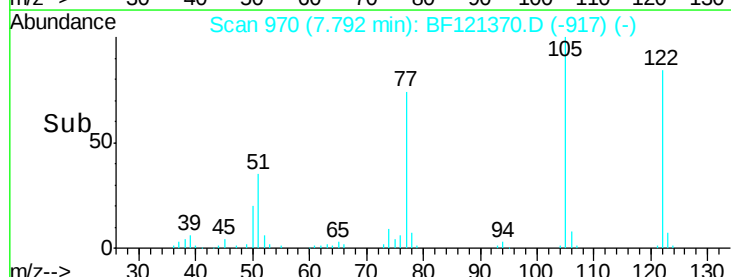
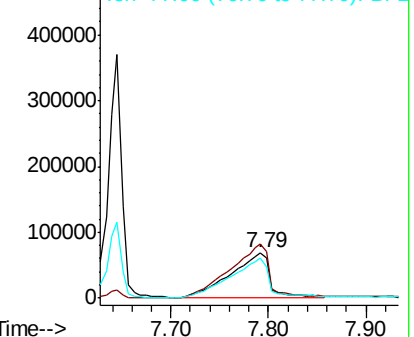
77 88.1 66.7 106.7



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

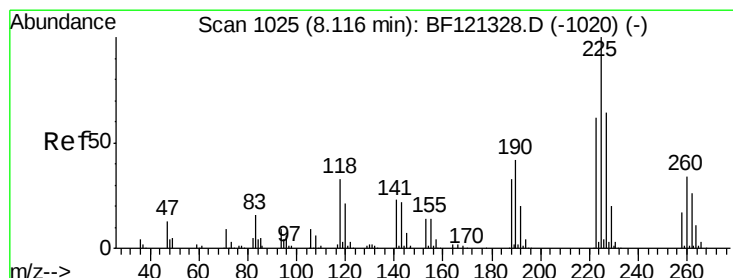
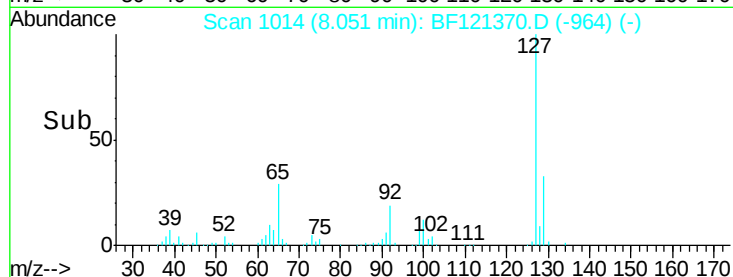
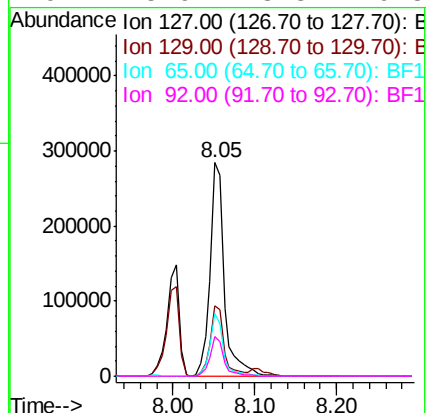
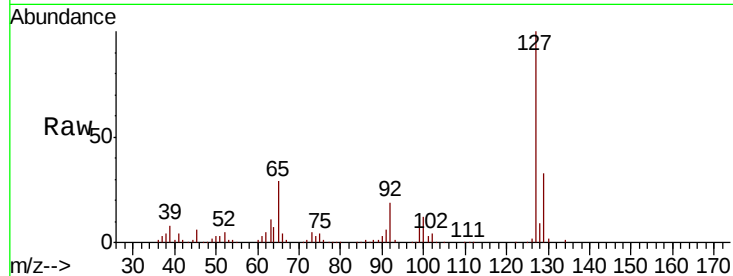




#33
4-Chloroaniline
Concen: 24.718 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

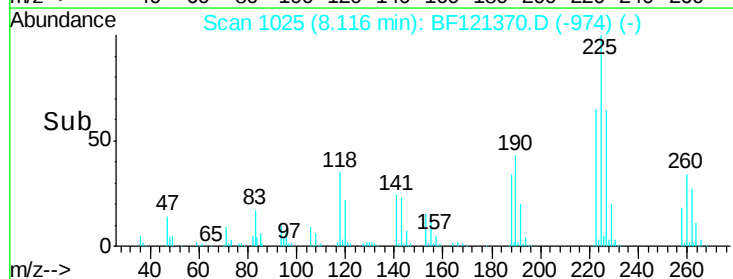
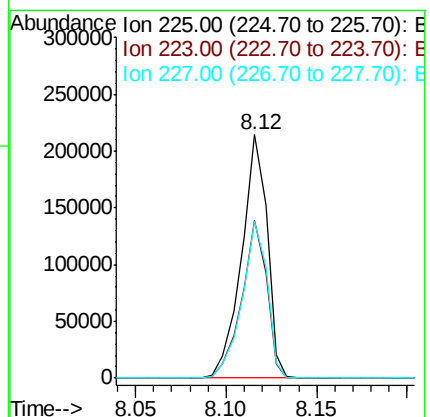
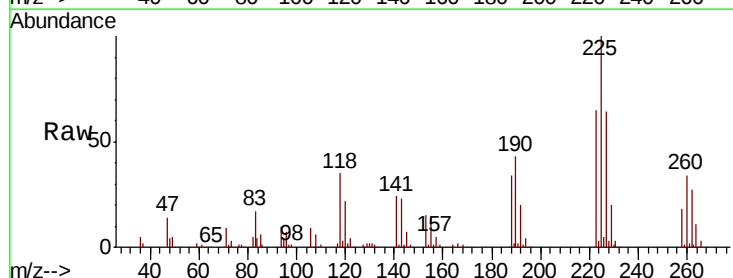
Instrument :
BNA_F
ClientSampled :

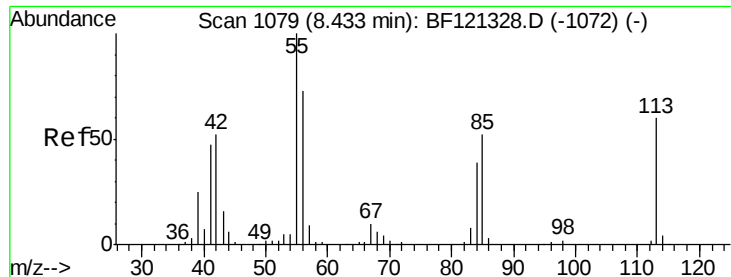
Tot Ion:127	Resp:	345210
Ion Ratio	Lower	Upper
127	100	
129	32.7	25.7 38.5
65	29.5	20.9 31.3
92	18.6	13.8 20.8



#34
Hexachlorobutadiene
Concen: 34.014 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion:225	Resp:	210035
Ion Ratio	Lower	Upper
225	100	
223	64.8	49.7 74.5
227	64.2	50.9 76.3

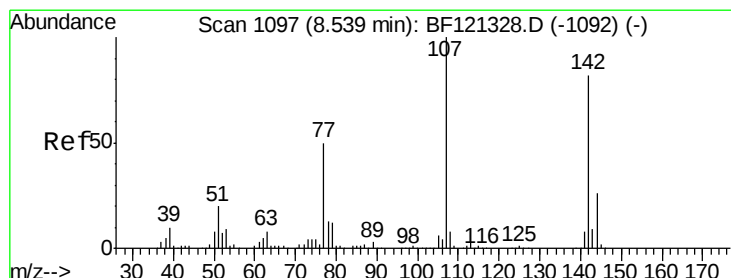
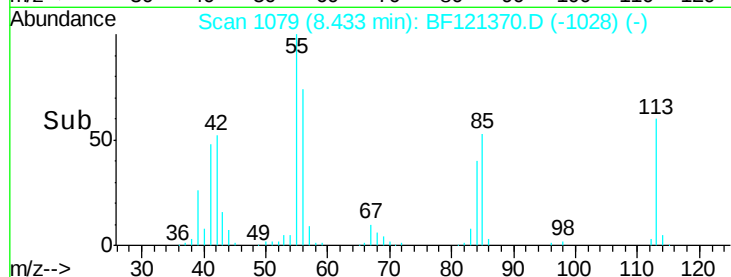
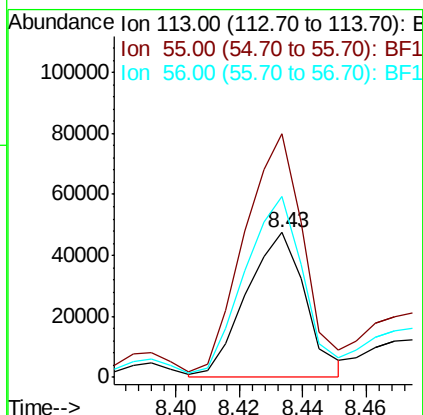
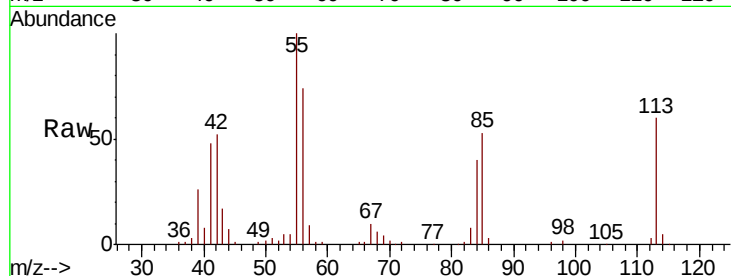




#35
 Caprolactam
 Concen: 20.647 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

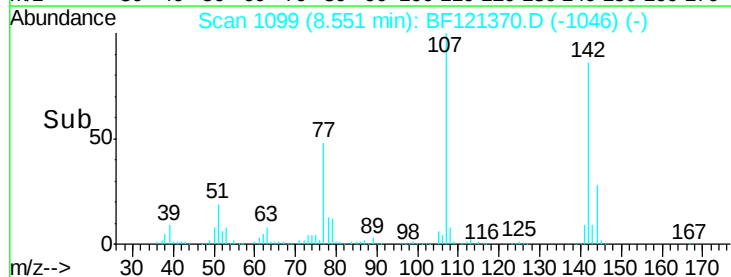
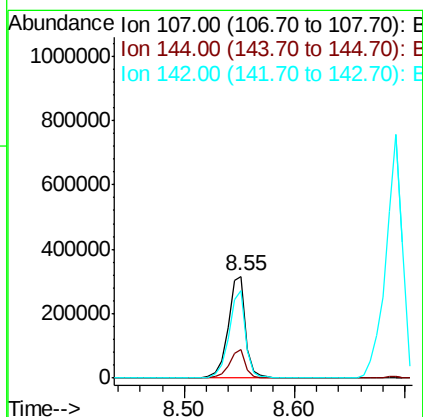
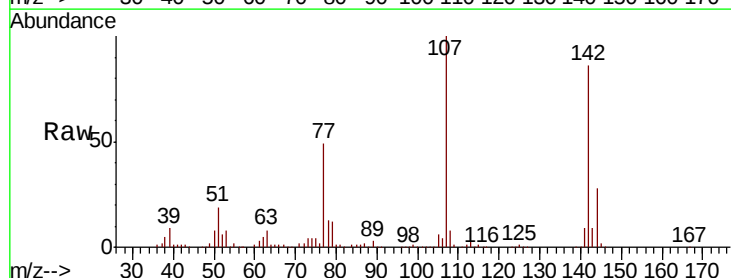
Instrument :
 BNA_F
 ClientSampleId :

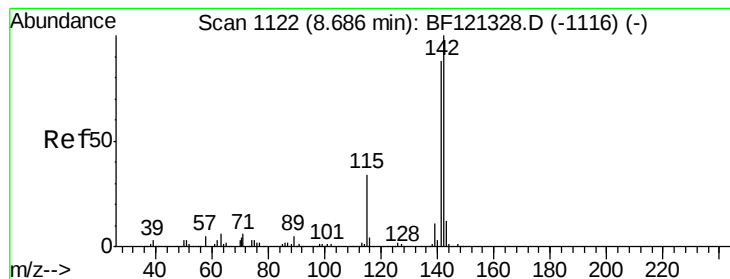
Tot Ion:113 Resp: 61702
 Ion Ratio Lower Upper
 113 100
 55 168.0 147.9 187.9
 56 124.6 102.4 142.4



#36
 4-Chloro-3-methylphenol
 Concen: 37.624 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Tgt Ion:107 Resp: 347213
 Ion Ratio Lower Upper
 107 100
 144 28.1 21.1 31.7
 142 86.0 65.6 98.4





#37

2-Methylnaphthalene

Concen: 37.793 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampled :

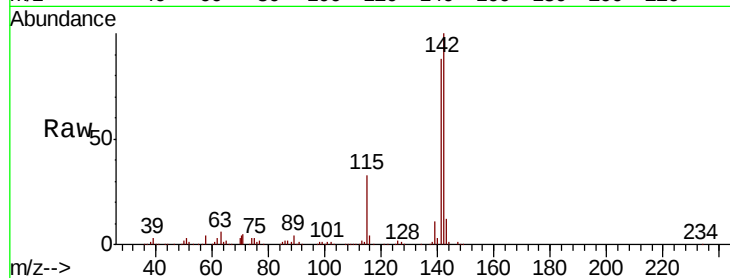
Tot Ion:142 Resp: 772575

Ion Ratio Lower Upper

142 100

141 88.2 70.3 105.5

115 33.0 26.9 40.3

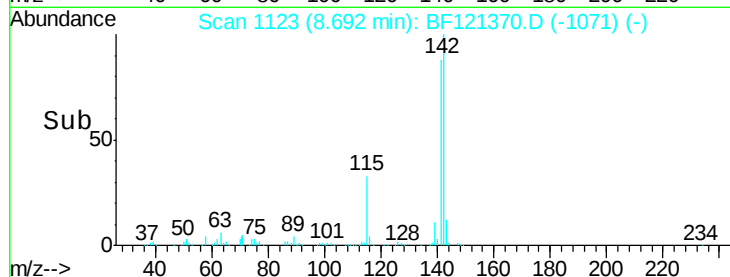


Abundance Ion 142.00 (141.70 to 142.70): E

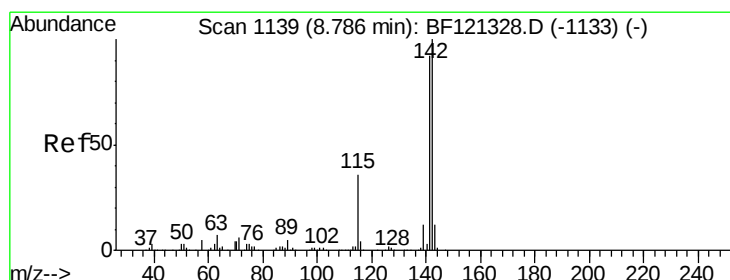
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.69



Time--> 8.60 8.65 8.70 8.75



#38

1-Methylnaphthalene

Concen: 36.897 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

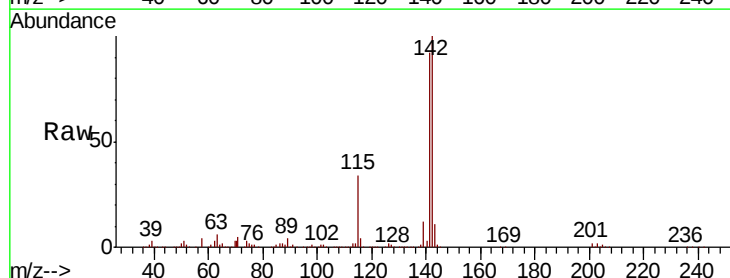
Tgt Ion:142 Resp: 717173

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4

116 3.6 3.0 4.4

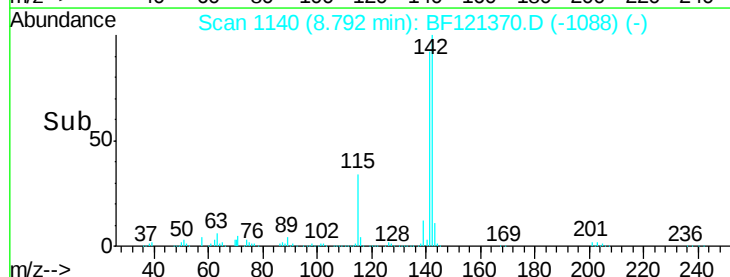


Abundance Ion 142.00 (141.70 to 142.70): E

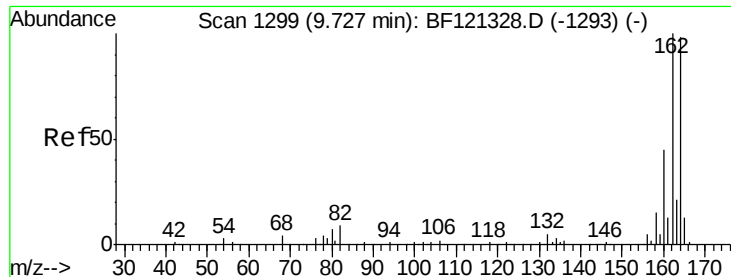
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.79



Time--> 8.70 8.75 8.80 8.85



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampleId :

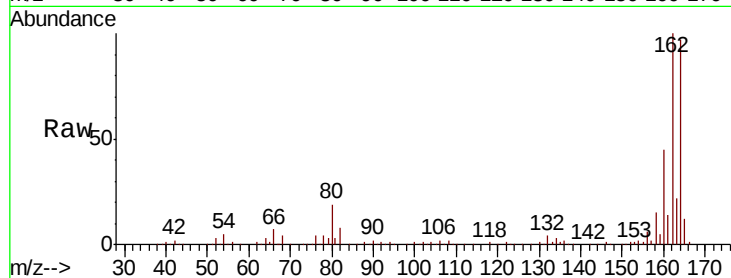
Tot Ion:164 Resp: 333491

Ion Ratio Lower Upper

164 100

162 103.3 81.7 122.5

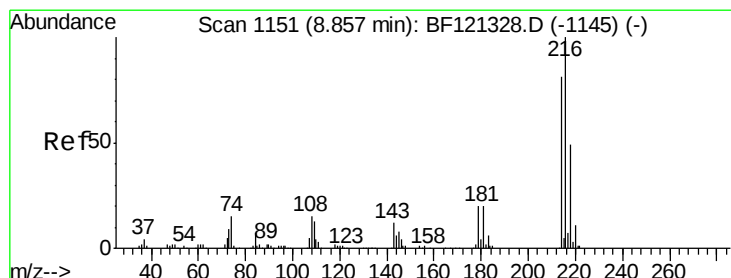
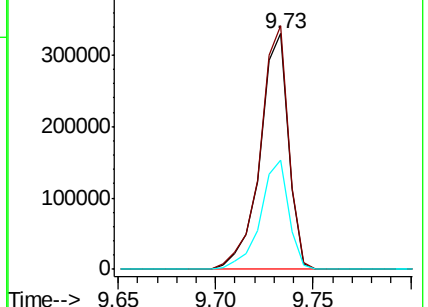
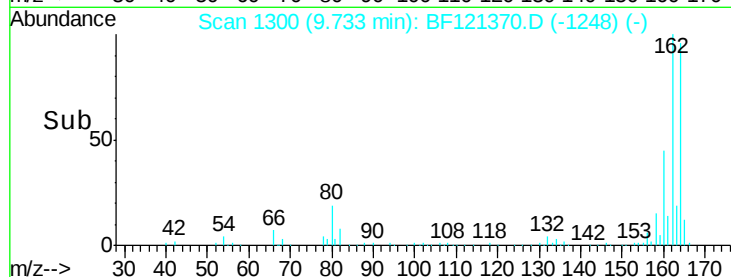
160 46.6 37.0 55.4



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: 36.183 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Tgt Ion:216 Resp: 358143

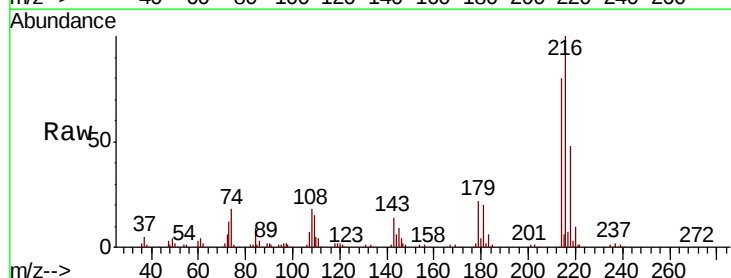
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 20.5 16.4 24.6

108 19.3 14.2 21.4

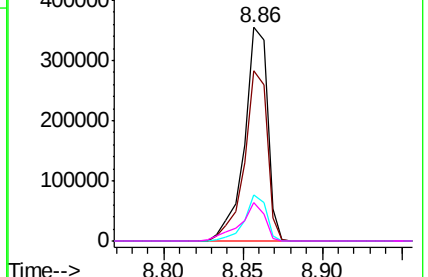
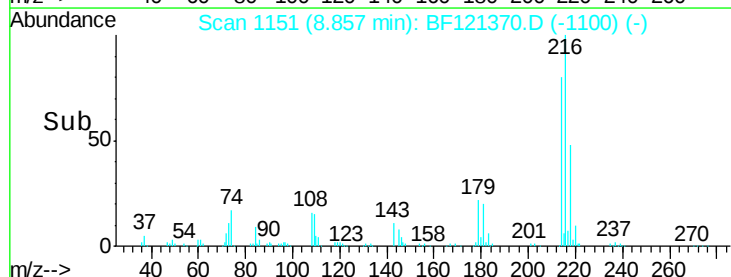


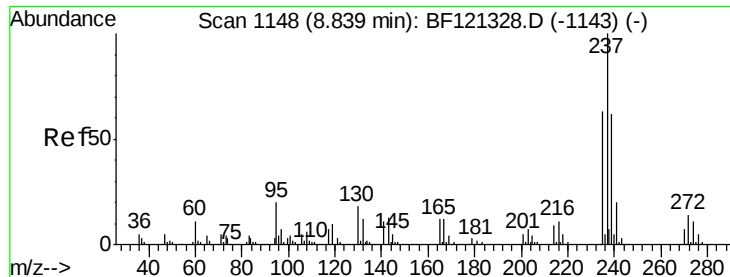
Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.035 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampleId :

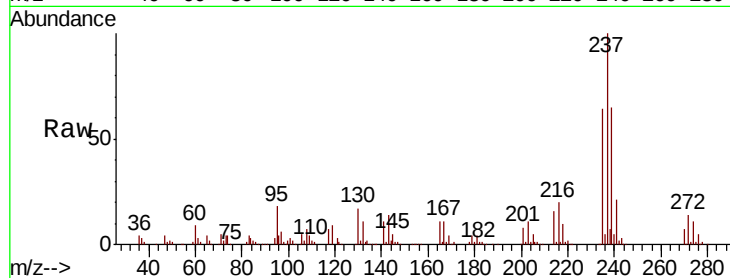
Tot Ion:237 Resp: 301009

Ion Ratio Lower Upper

237 100

235 64.2 42.7 82.7

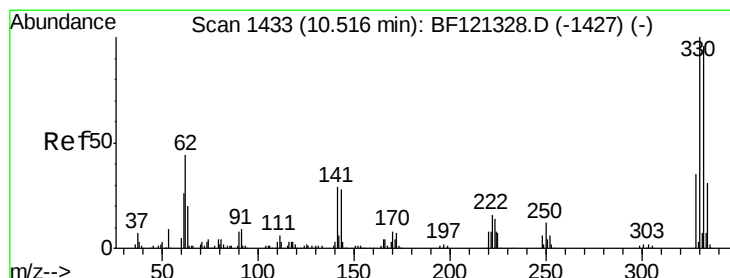
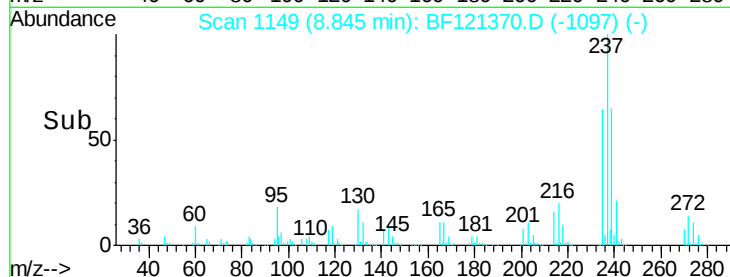
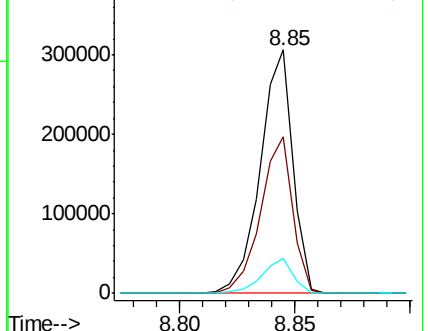
272 14.3 0.0 33.7



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: 88.635 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

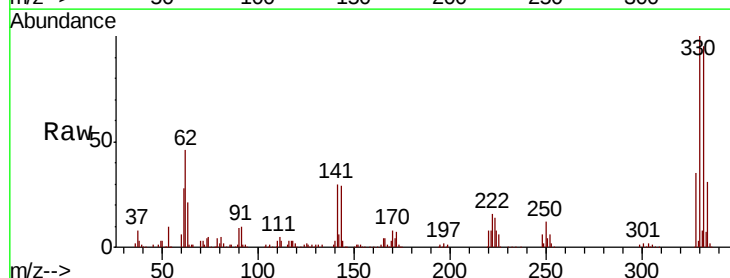
Tgt Ion:330 Resp: 344454

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

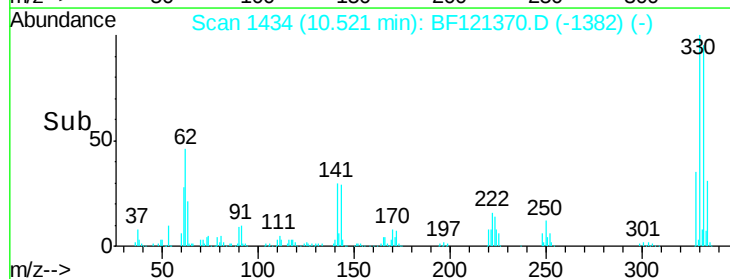
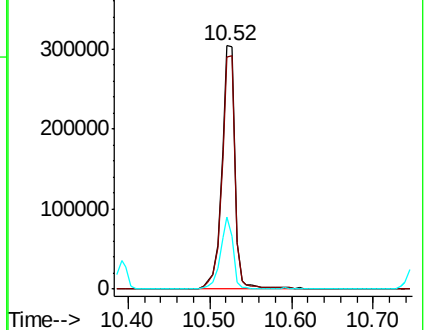
141 28.5 22.8 34.2

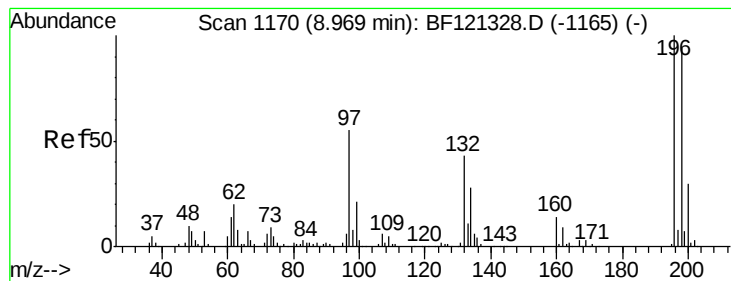


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 35.792 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampled :

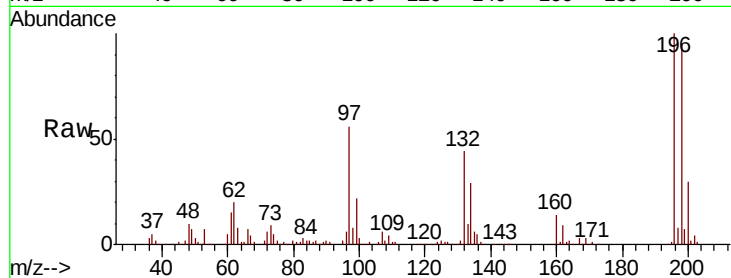
Tot Ion:196 Resp: 242197

Ion Ratio Lower Upper

196 100

198 95.2 75.6 113.4

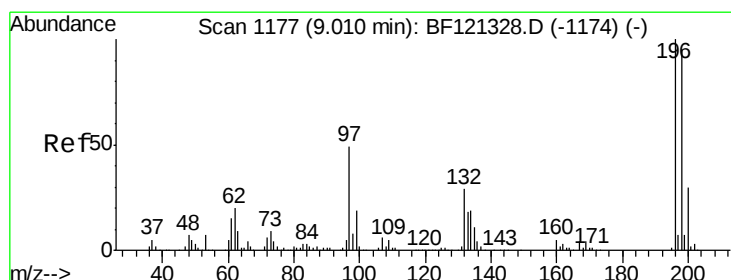
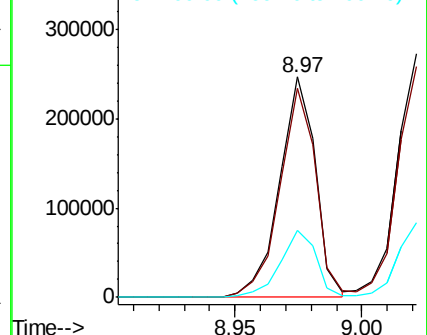
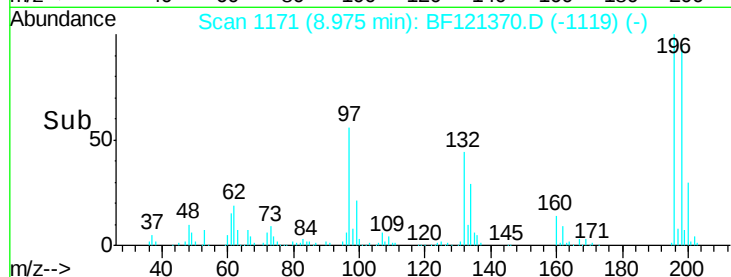
200 30.2 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 37.509 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Tgt Ion:196 Resp: 261127

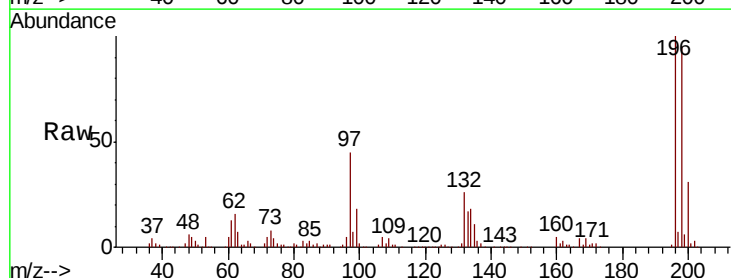
Ion Ratio Lower Upper

196 100

198 94.7 75.6 113.4

97 45.3 39.6 59.4

132 26.5 23.3 34.9

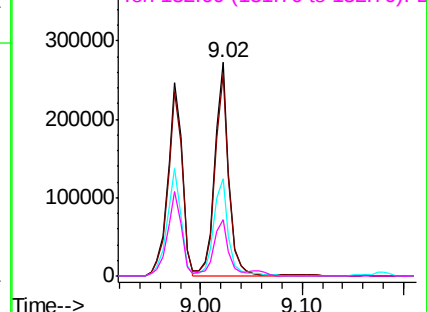
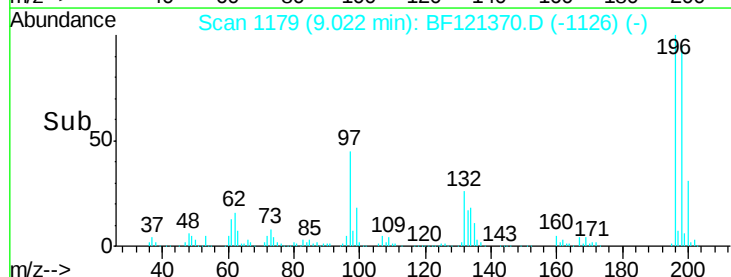


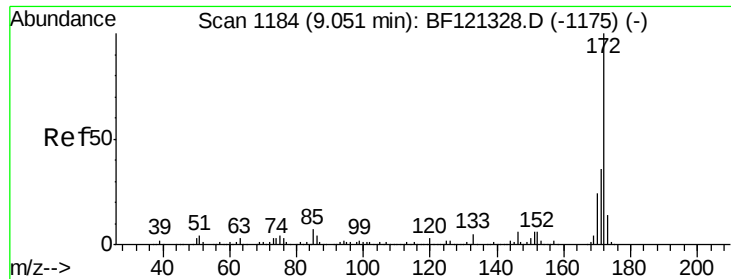
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

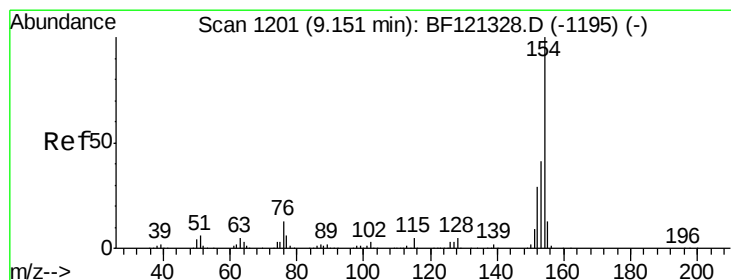
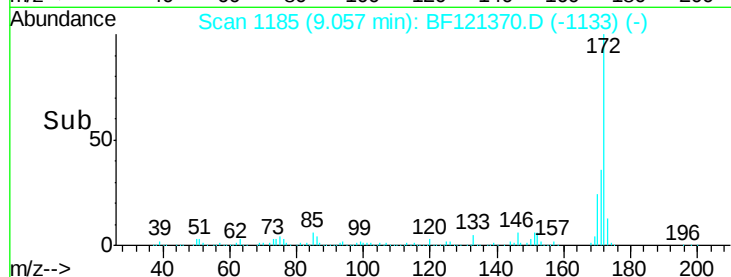
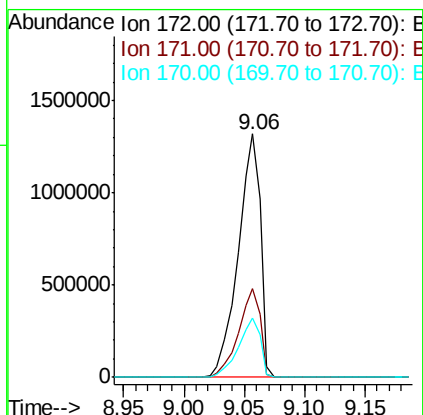
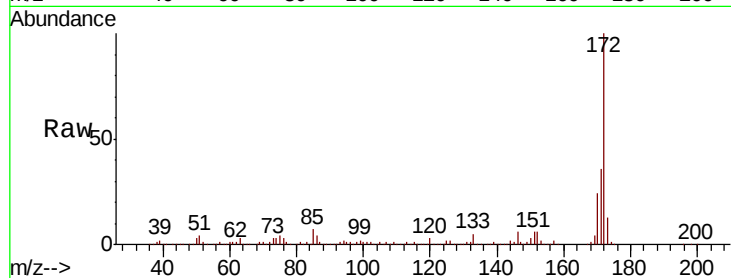




#45
2-Fluorobiphenyl
Concen: 99.249 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

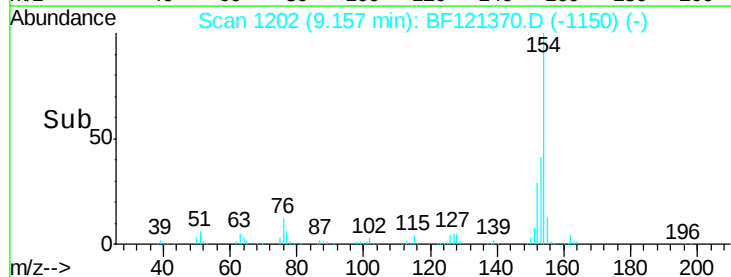
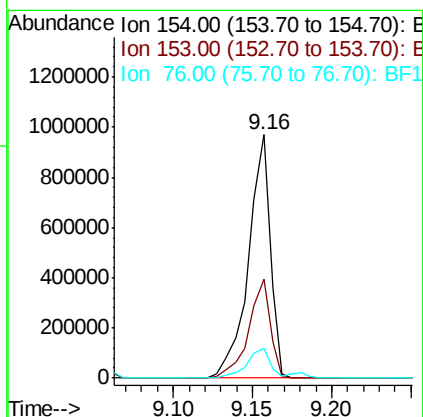
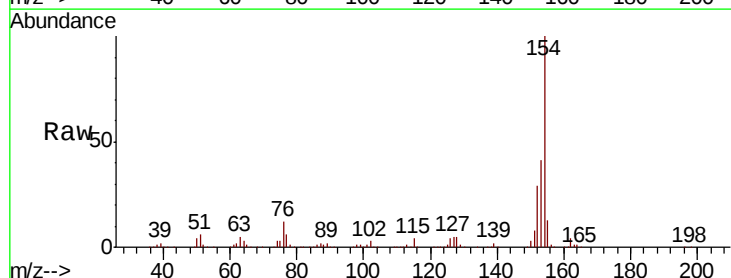
Instrument :
BNA_F
ClientSampleId :

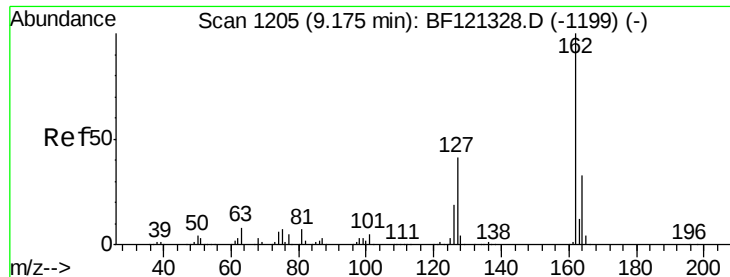
Tot Ion:172 Resp: 1686508
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.3 19.4 29.2



#46
1,1'-Biphenyl
Concen: 36.960 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion:154 Resp: 923830
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 12.4 0.0 33.1

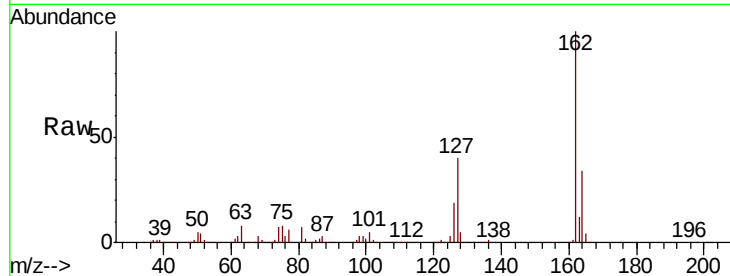




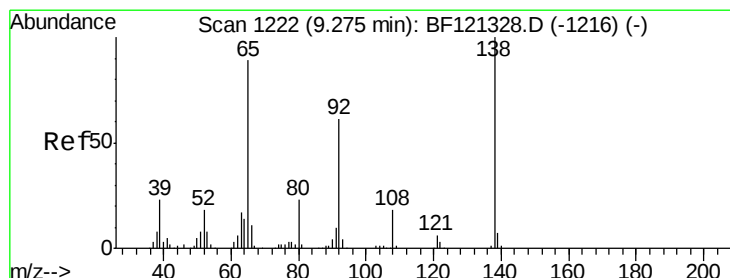
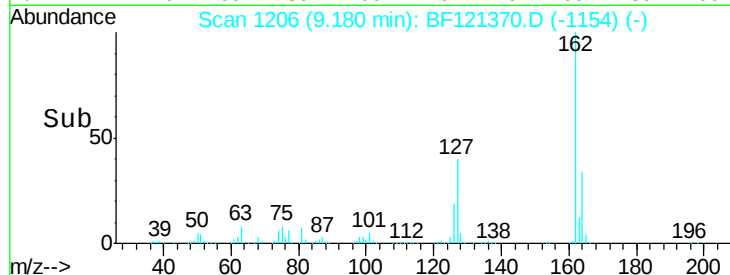
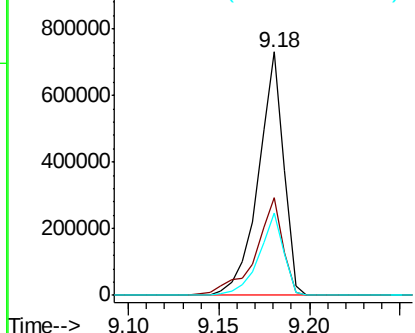
#47
 2-Chloronaphthalene
 Concen: 34.480 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.1	49.7
164	33.7	26.5	39.7

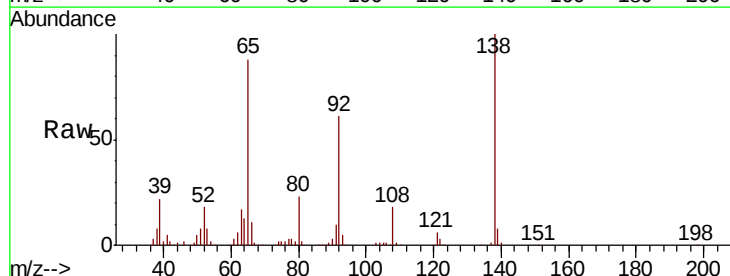


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

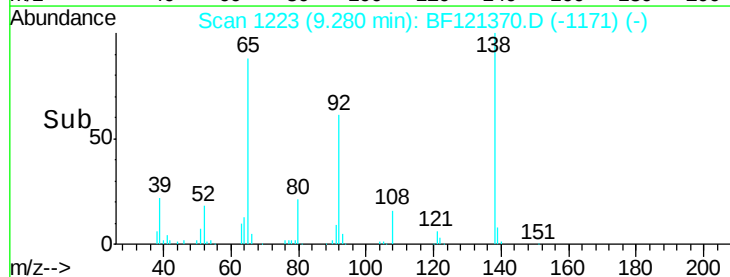
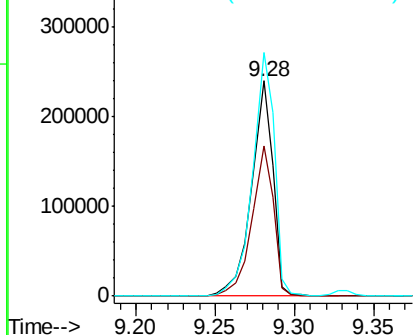


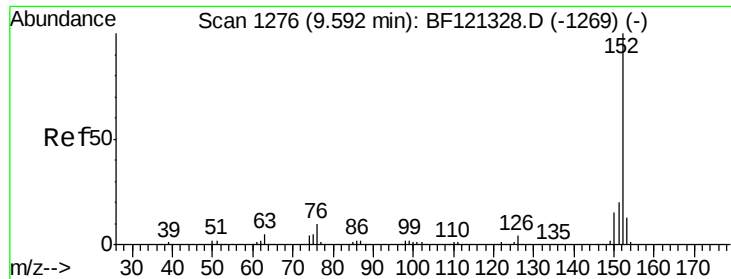
#48
 2-Nitroaniline
 Concen: 34.718 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	54.9	82.3
138	113.1	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: 36.750 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampled :

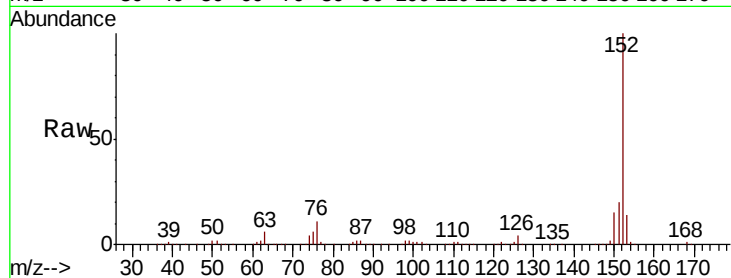
Tot Ion:152 Resp: 1124081

Ion Ratio Lower Upper

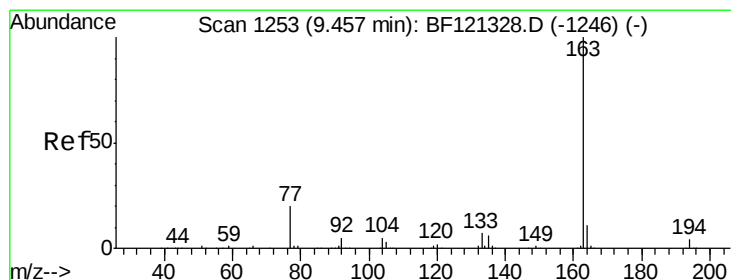
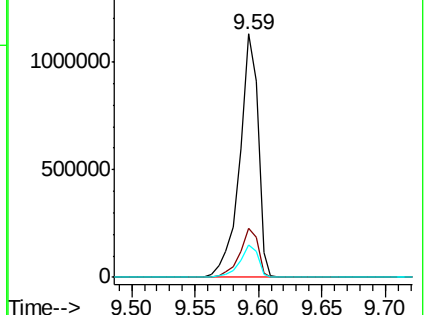
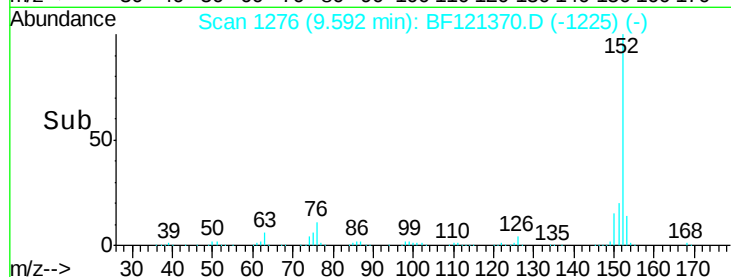
152 100

151 20.4 16.4 24.6

153 13.6 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: 35.325 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

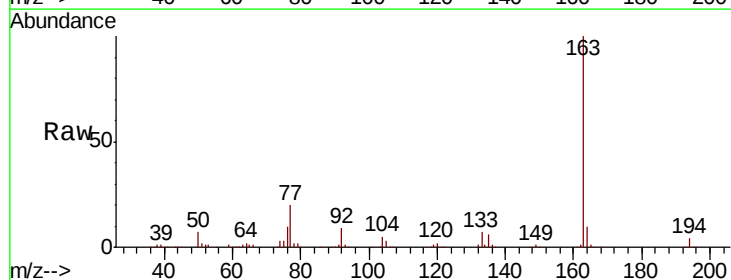
Tgt Ion:163 Resp: 857071

Ion Ratio Lower Upper

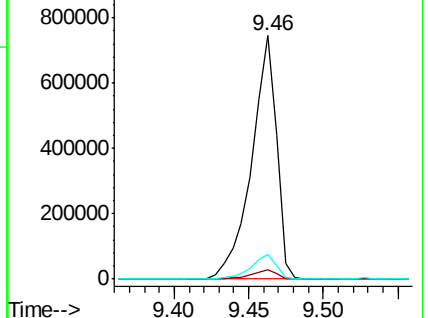
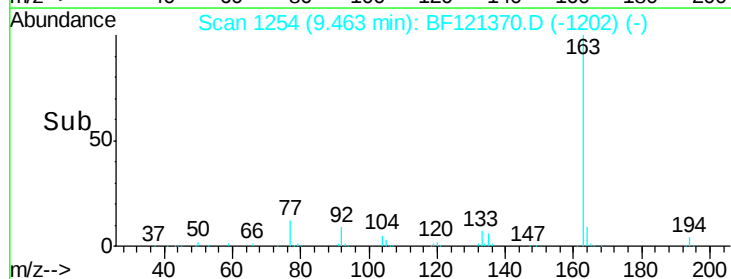
163 100

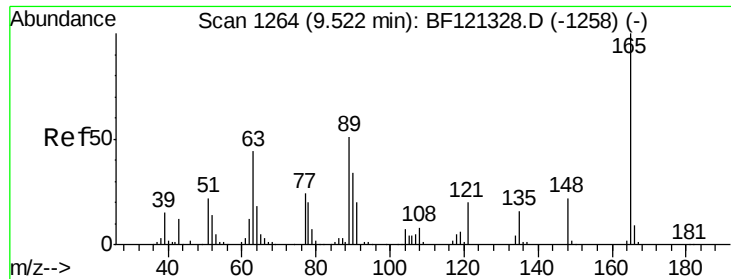
194 3.8 3.0 4.6

164 10.4 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

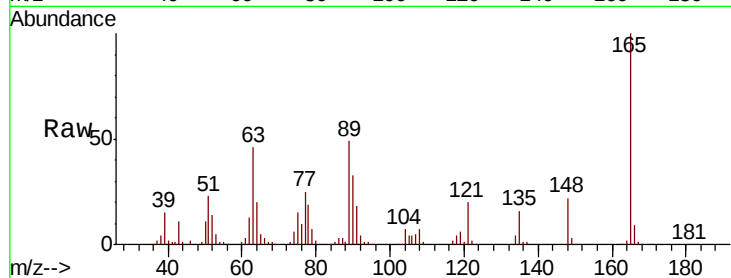




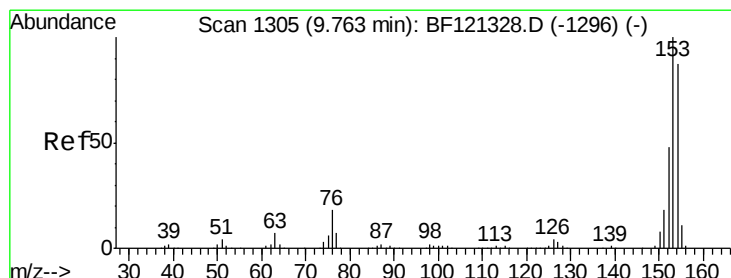
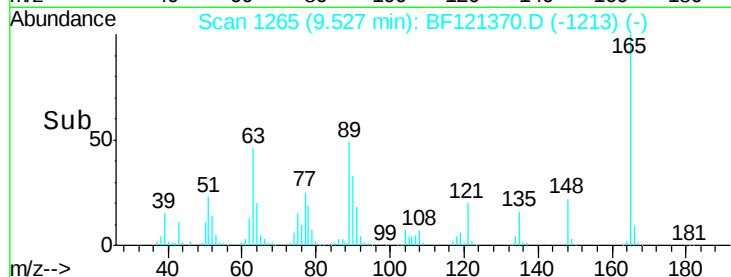
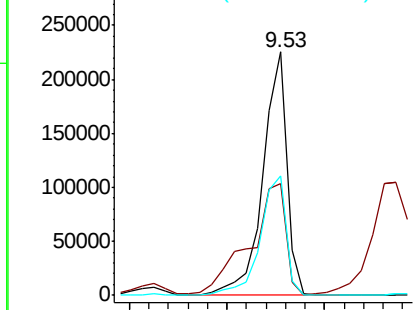
#51
 2,6-Dinitrotoluene
 Concen: 37.251 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.8	38.5	57.7
89	49.1	41.2	61.8

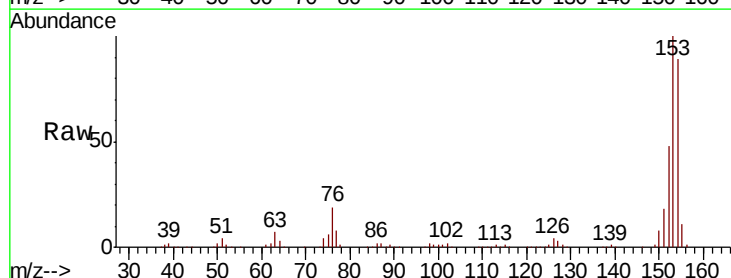


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

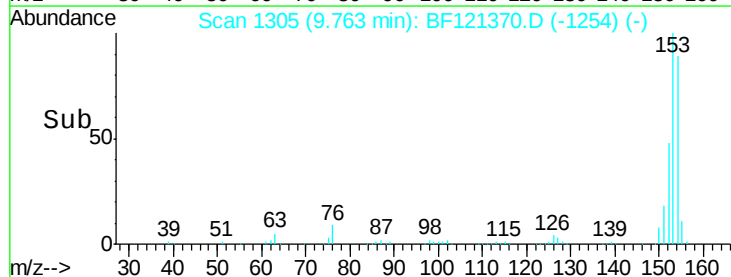
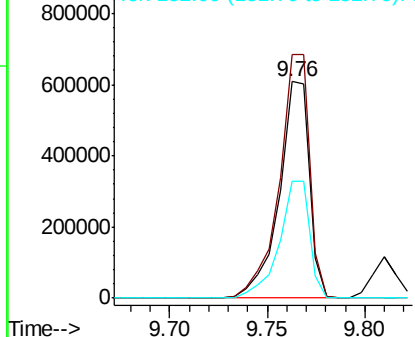


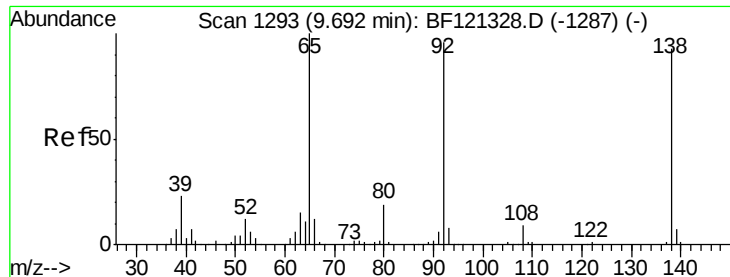
#52
 Acenaphthene
 Concen: 35.170 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	92.0	138.0
152	54.1	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

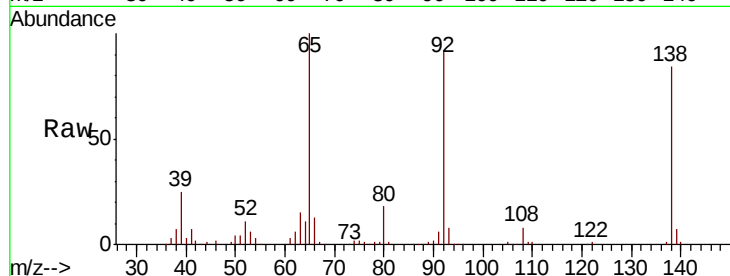




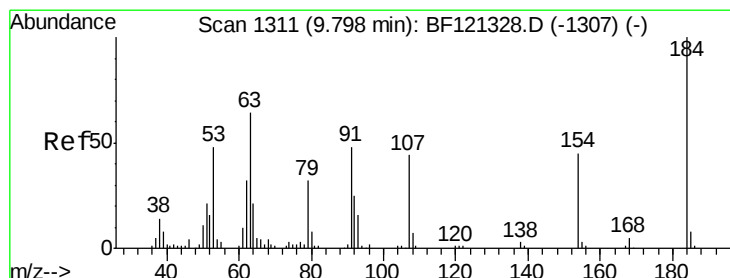
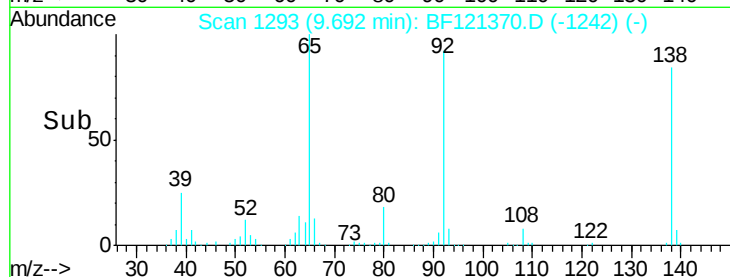
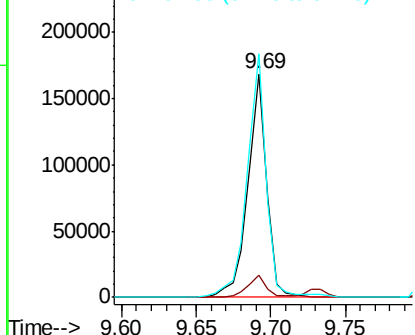
#53
3-Nitroaniline
Concen: 22.674 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 146970
Ion Ratio Lower Upper
138 100
108 9.9 7.5 11.3
92 109.1 83.0 124.4

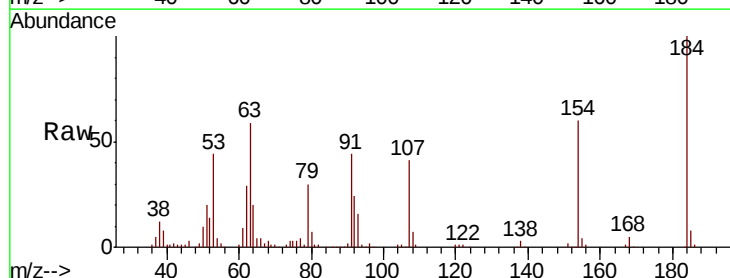


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

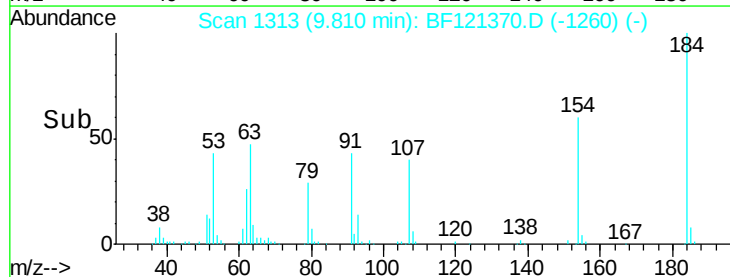
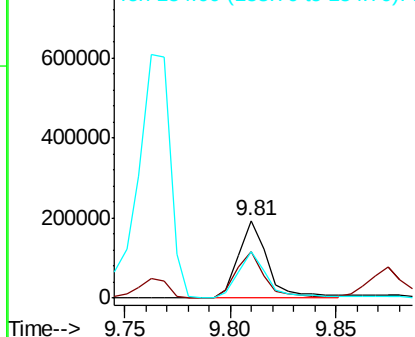


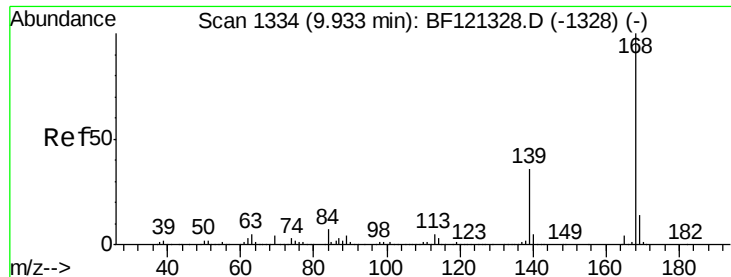
#54
2,4-Dinitrophenol
Concen: 75.332 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion:184 Resp: 188183
Ion Ratio Lower Upper
184 100
63 59.1 51.5 77.3
154 59.5 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

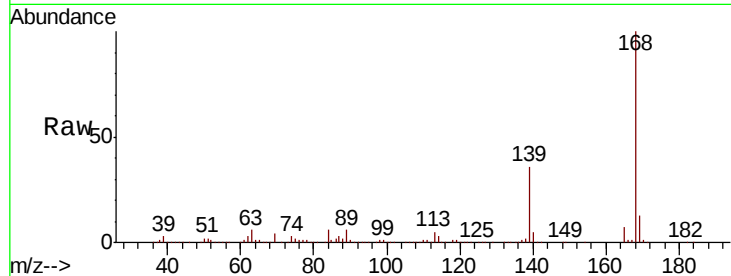




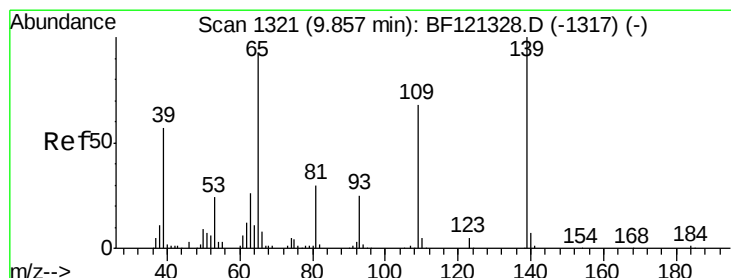
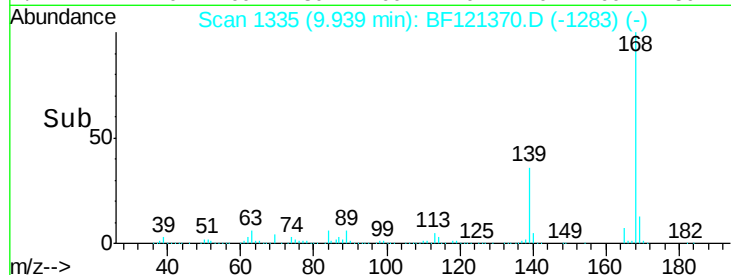
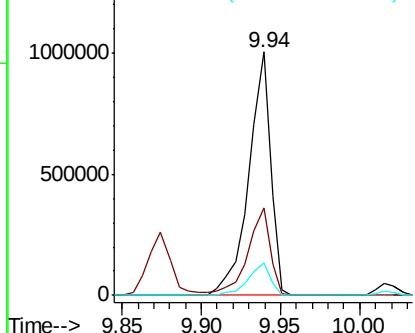
#55
Dibenzofuran
Concen: 39.956 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 962144
Ion Ratio Lower Upper
168 100
139 36.0 29.1 43.7
169 13.5 11.0 16.6

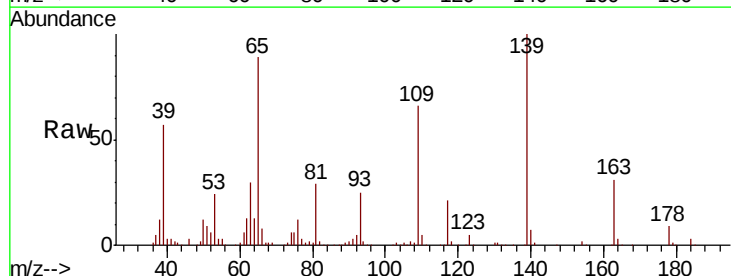


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

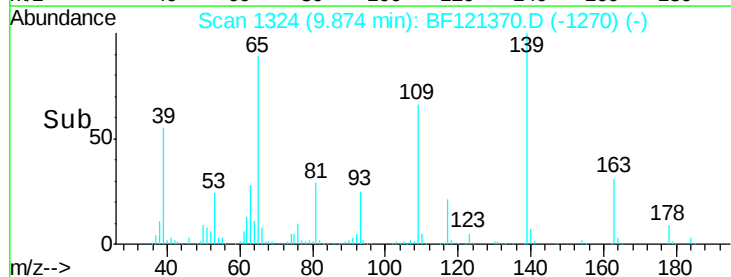
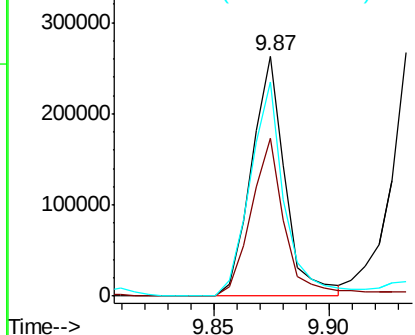


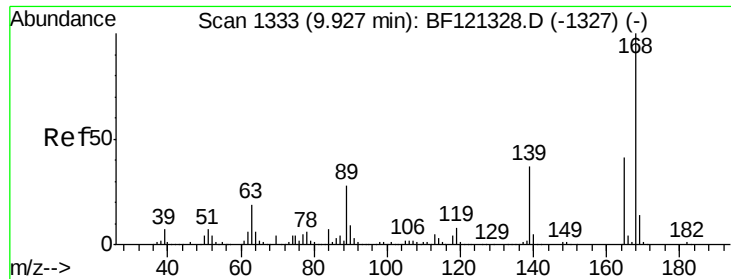
#56
4-Nitrophenol
Concen: 66.873 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion:139 Resp: 267332
Ion Ratio Lower Upper
139 100
109 65.7 47.7 87.7
65 89.1 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

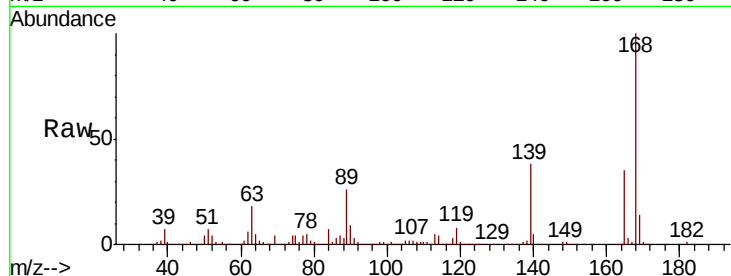




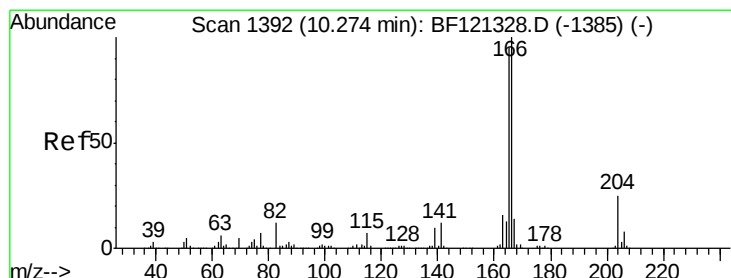
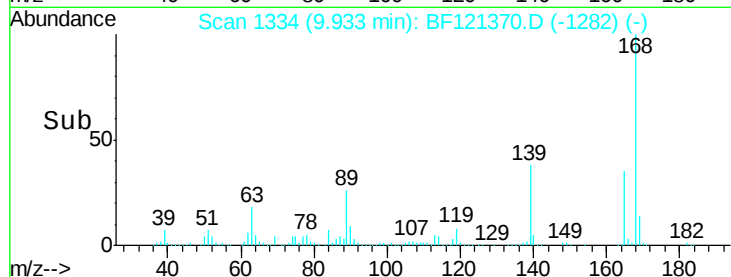
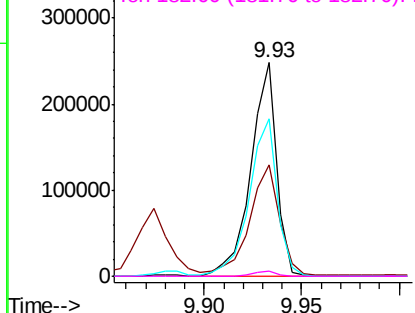
#57
 2,4-Dinitrotoluene
 Concen: 35.915 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	227033
Ion	Ratio	Lower	Upper
165	100		
63	52.3	37.5	56.3
89	73.7	54.2	81.4
182	2.5	2.2	3.4

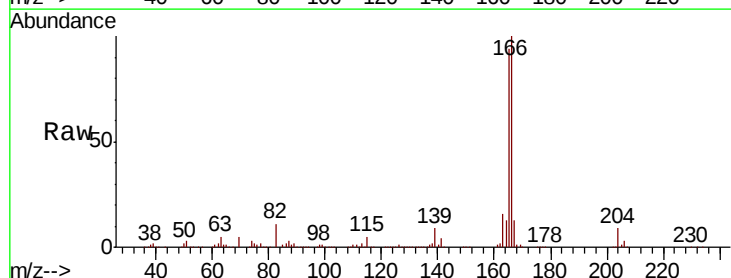


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

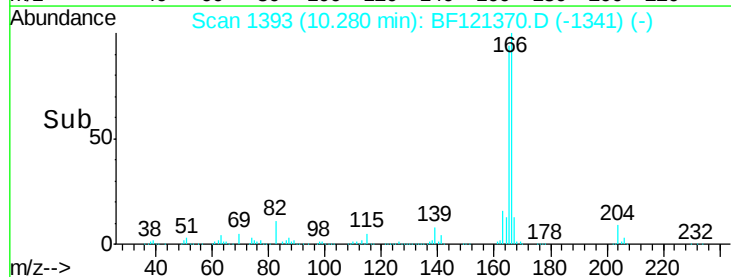
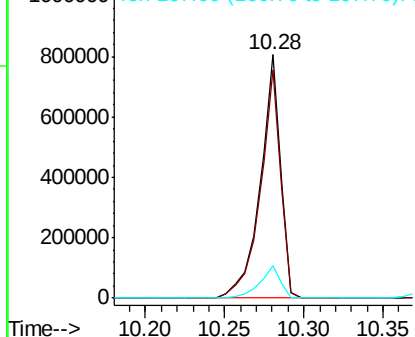


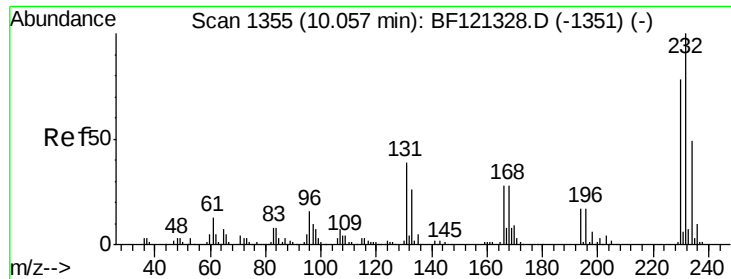
#58
 Fluorene
 Concen: 40.732 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Tgt Ion:	166	Resp:	720902
Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.8	113.8
167	13.2	11.0	16.4



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

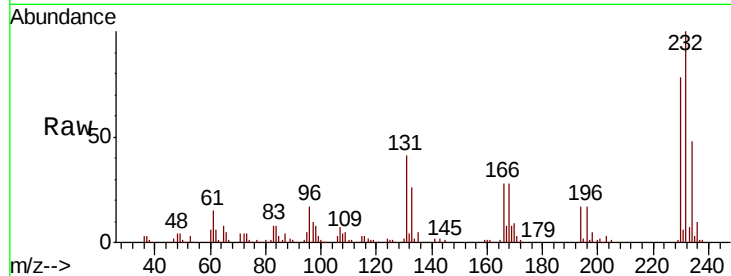




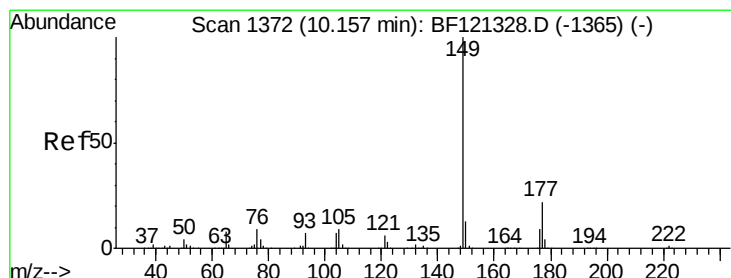
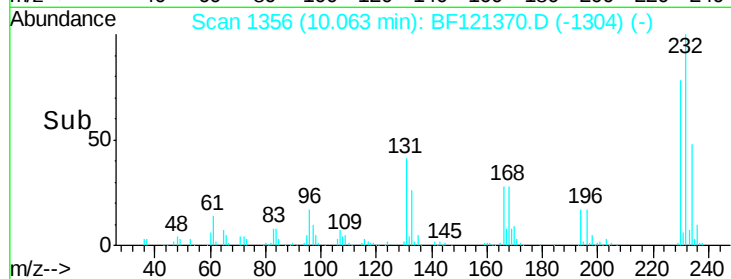
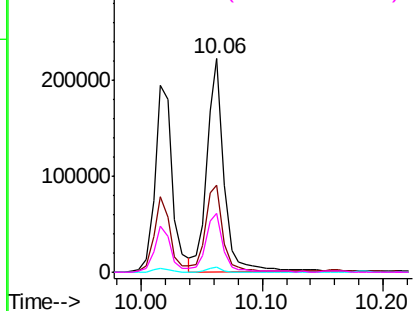
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.971 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	34.2	51.4
130	2.1	1.7	2.5
166	28.3	22.3	33.5

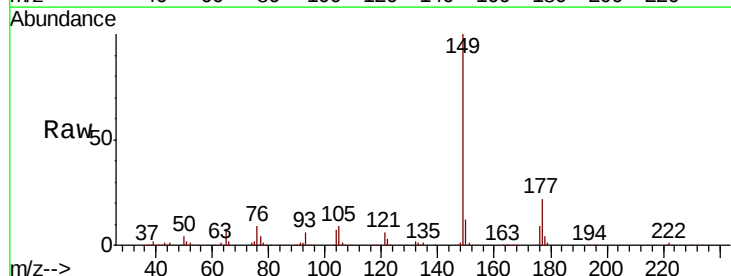


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

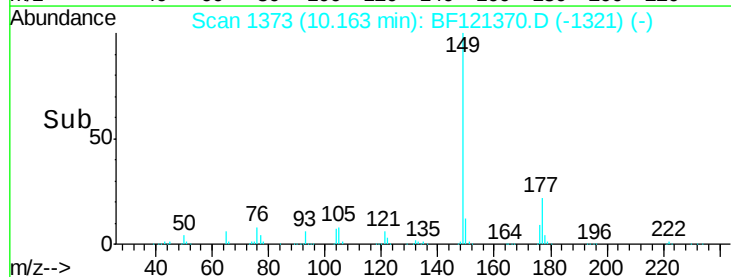
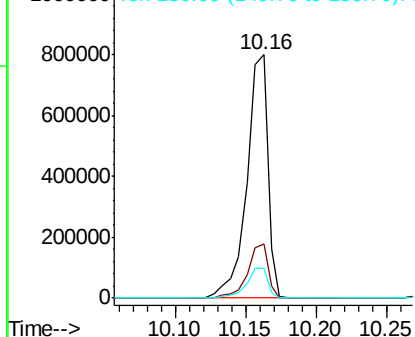


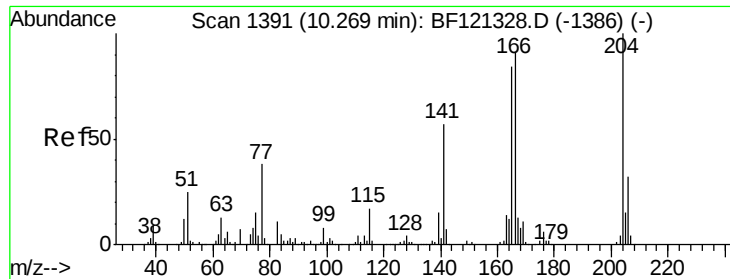
#60
 Diethylphthalate
 Concen: 35.261 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Tgt 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

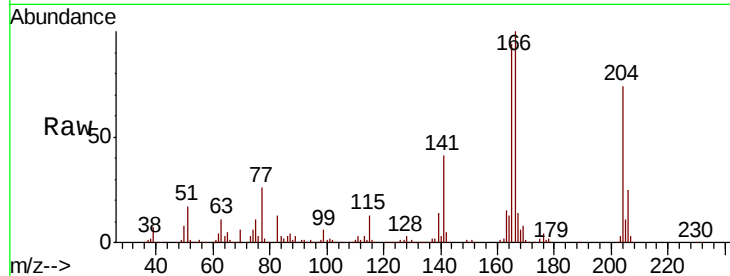




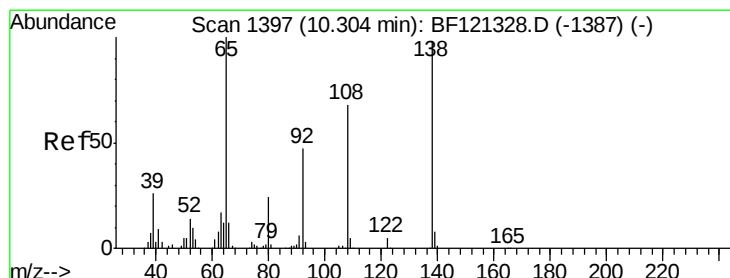
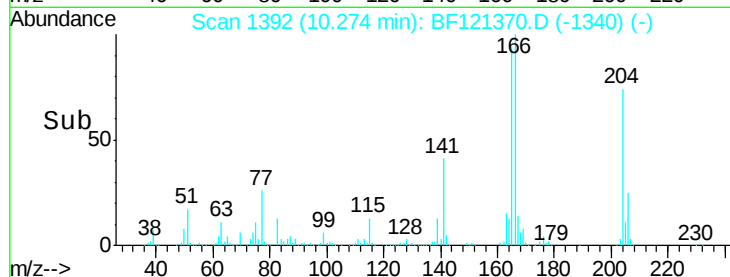
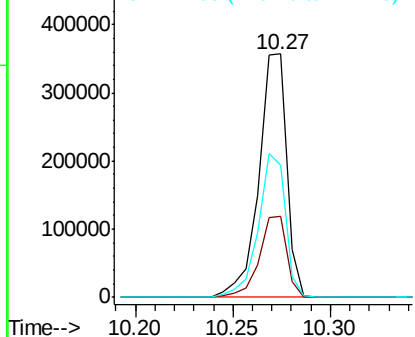
#61
4-Chlorophenyl-phenylether
Concen: 39.744 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 355611
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 54.5 45.5 68.3

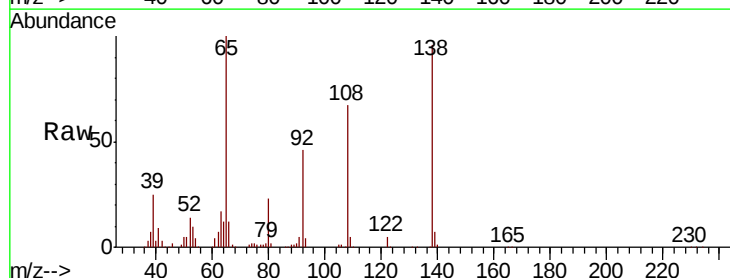


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

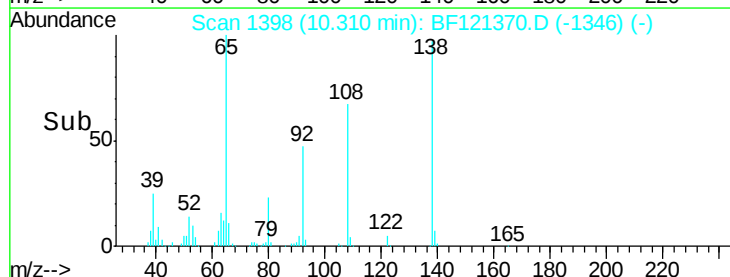
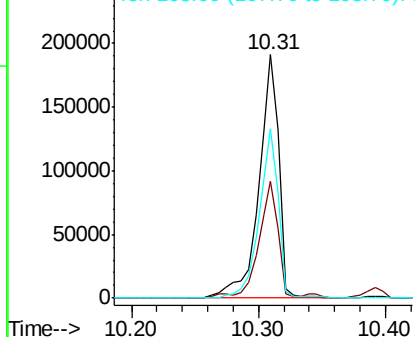


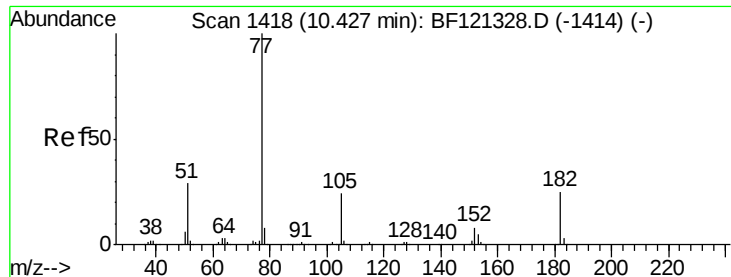
#62
4-Nitroaniline
Concen: 31.904 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion:138 Resp: 211891
Ion Ratio Lower Upper
138 100
92 48.2 28.1 68.1
108 69.8 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

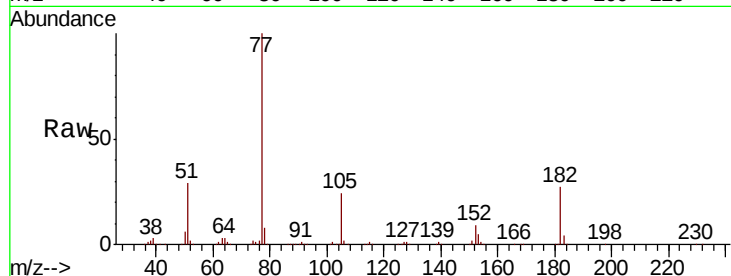




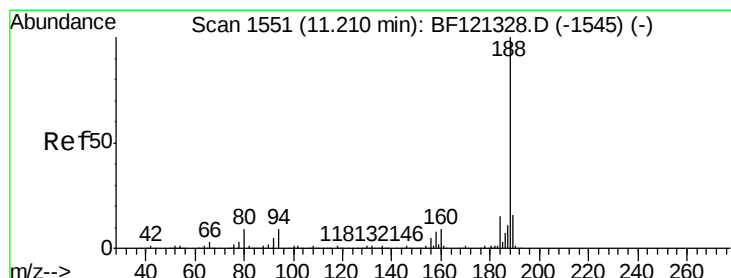
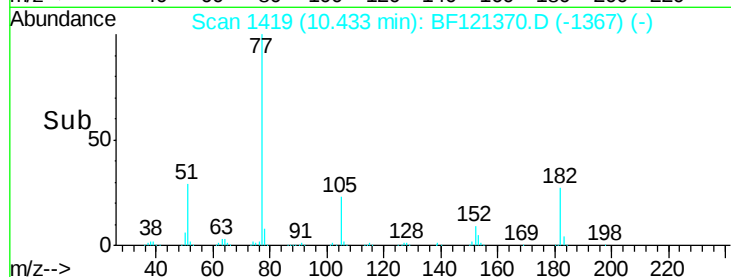
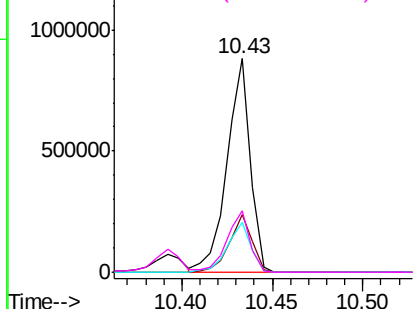
#63
Azobenzene
Concen: 35.762 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	786959
Ion	Ratio	Lower	Upper
77	100		
182	27.0	5.0	45.0
105	23.7	3.6	43.6
51	28.8	8.8	48.8

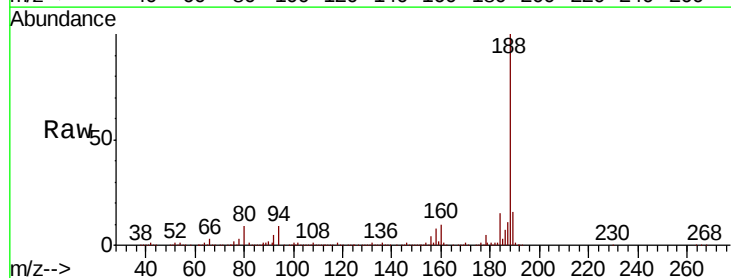


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

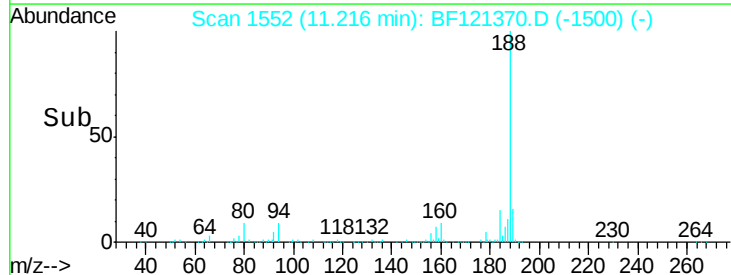
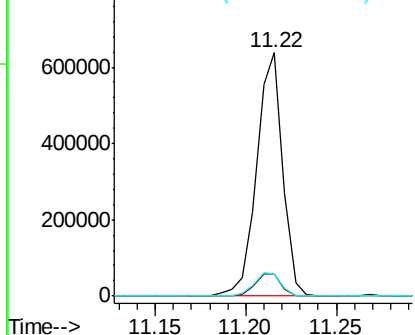


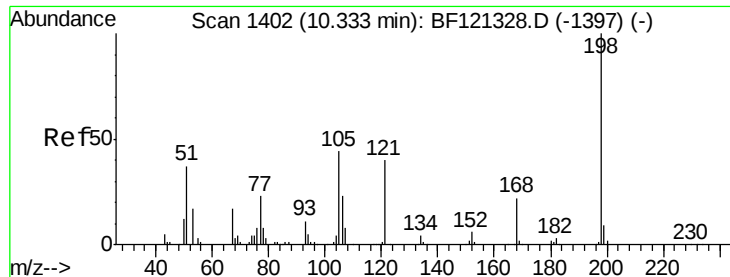
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion:	188	Resp:	634105
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.3	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

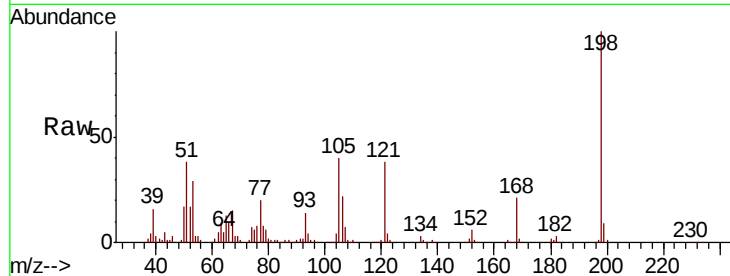




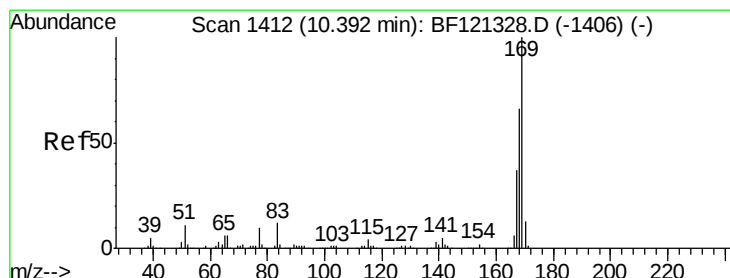
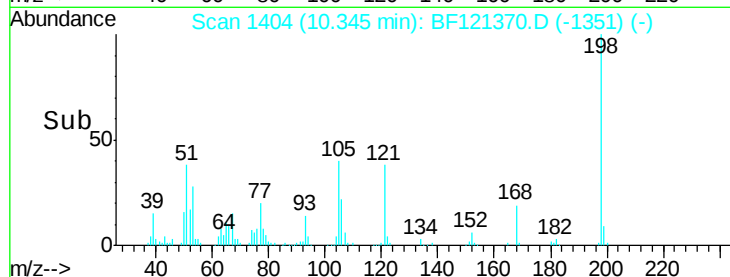
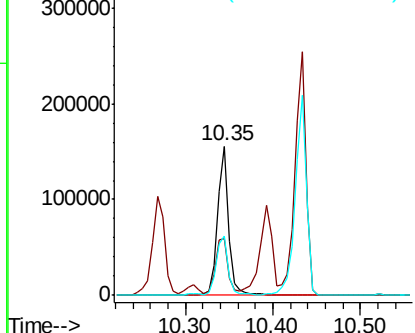
#65
4,6-Dinitro-2-methylphenol
Concen: 41.182 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 139654
Ion Ratio Lower Upper
198 100
51 38.2 25.5 65.5
105 39.7 24.9 64.9

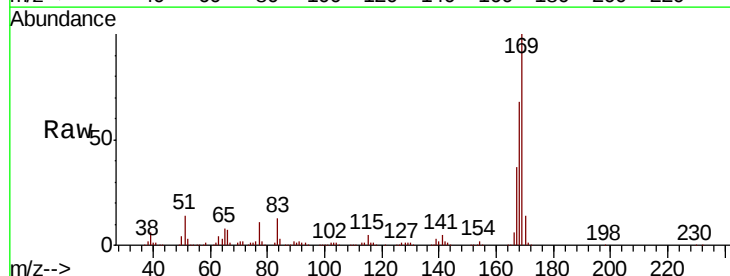


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

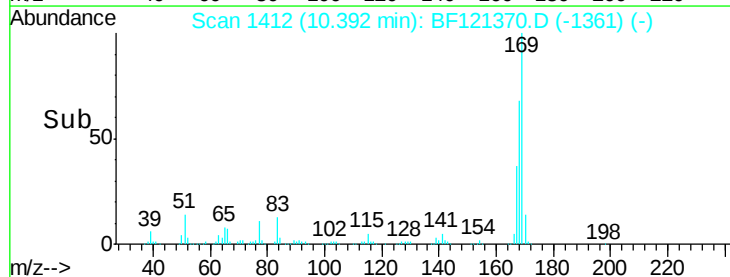
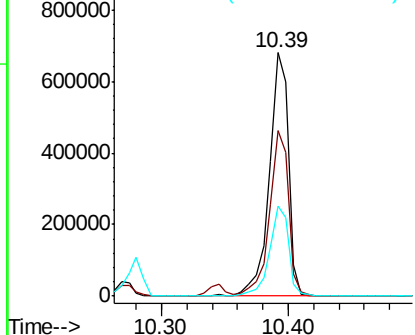


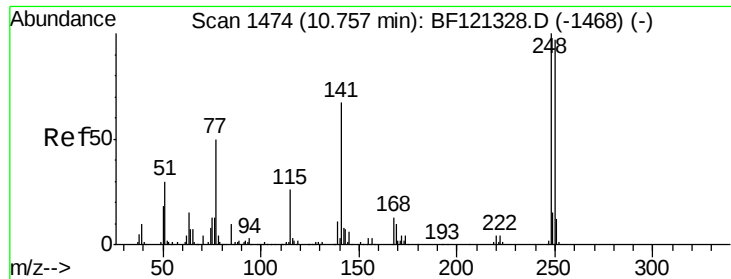
#66
n-Nitrosodiphenylamine
Concen: 36.171 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion:169 Resp: 707488
Ion Ratio Lower Upper
169 100
168 67.8 53.0 79.6
167 37.2 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

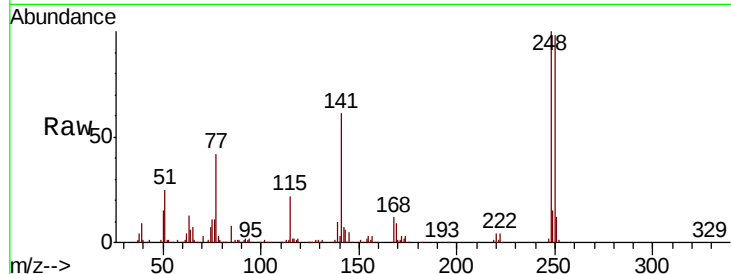




#67
4-Bromophenyl-phenylether
Concen: 35.018 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.9	116.9
141	60.9	53.5	80.3

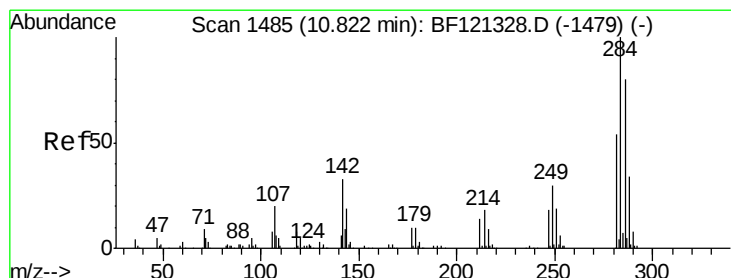
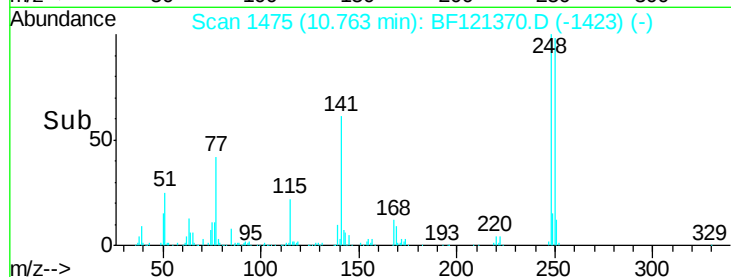
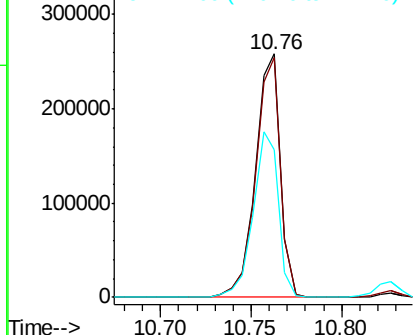


Abundance

Ion 248.00 (247.70 to 248.70): E

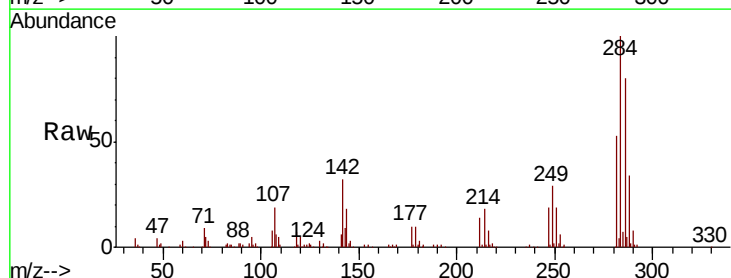
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.106 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	26.1	39.1
249	29.4	24.0	36.0

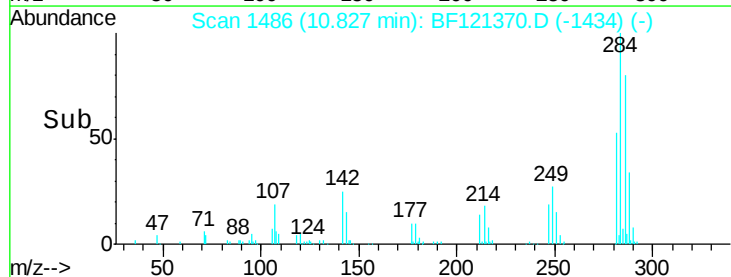
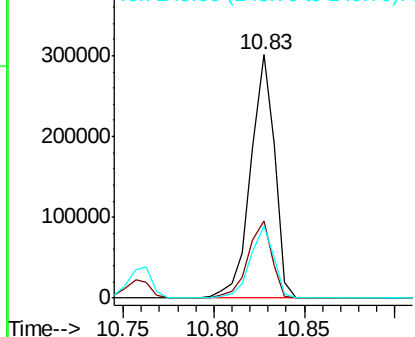


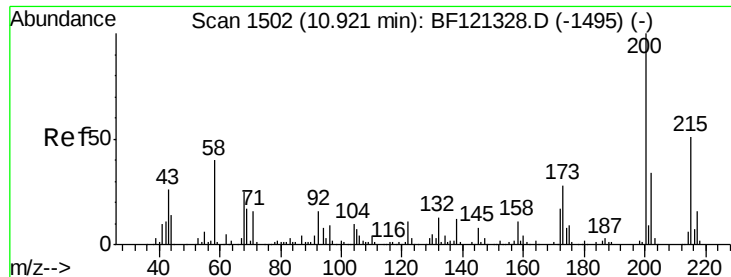
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

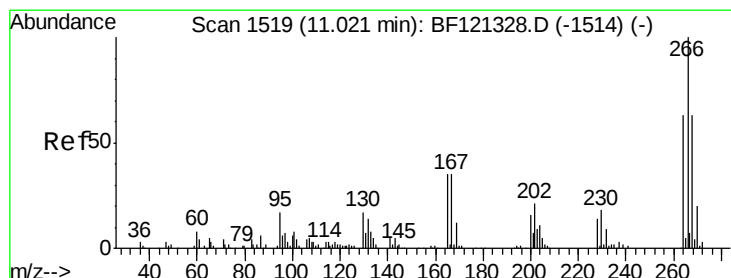
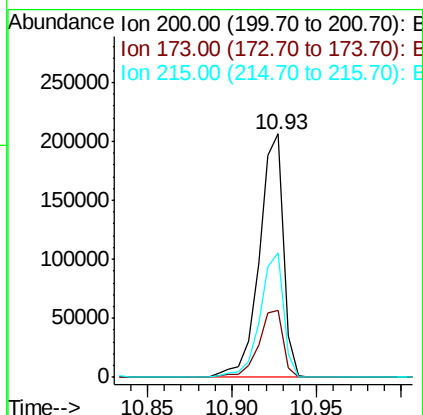
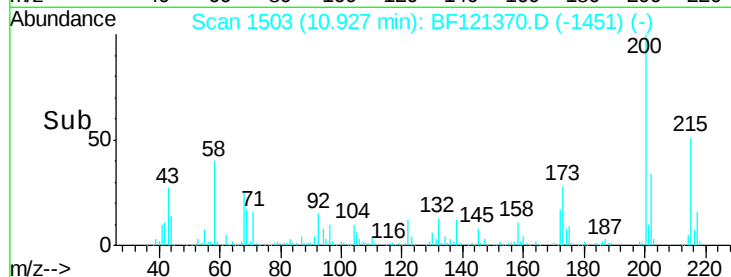
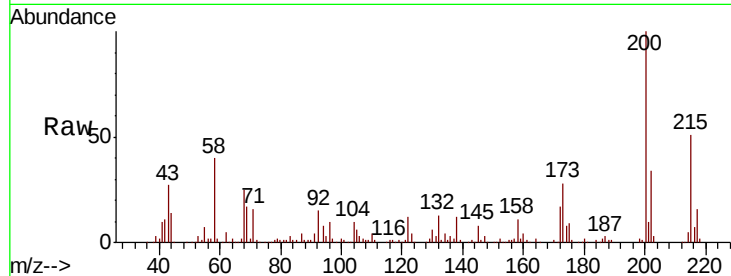




#69
Atrazine
Concen: 33.722 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

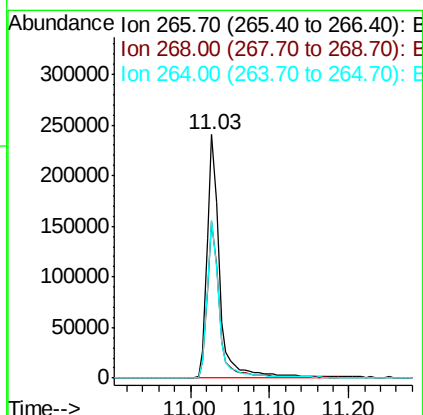
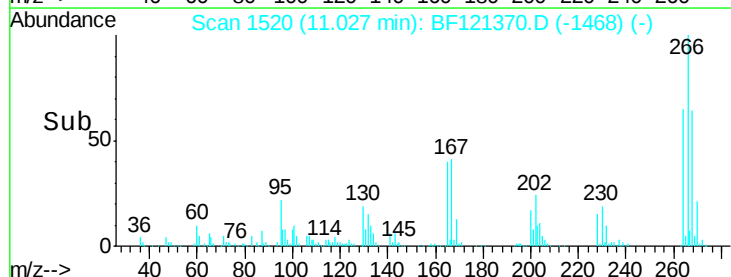
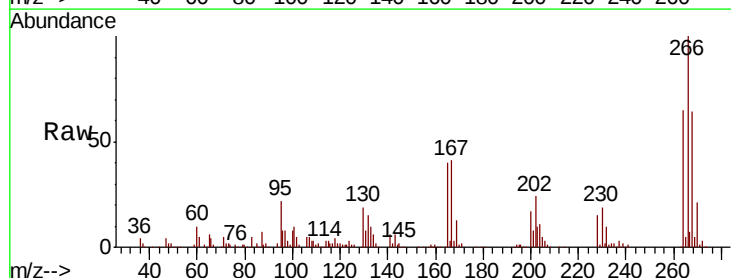
Instrument :
BNA_F
ClientSampled :

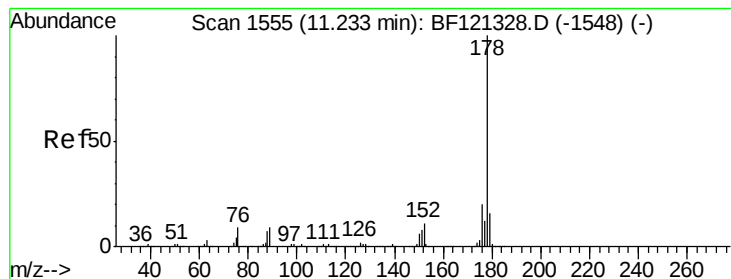
Tot Ion:200 Resp: 204322
Ion Ratio Lower Upper
200 100
173 27.7 7.8 47.8
215 51.0 30.5 70.5



#70
Pentachlorophenol
Concen: 74.492 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF121370.D
Acq: 21 Aug 2020 16:35

Tgt Ion:266 Resp: 268724
Ion Ratio Lower Upper
266 100
268 64.5 50.6 75.8
264 64.6 50.5 75.7





#71

Phenanthrene

Concen: 33.446 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampleId :

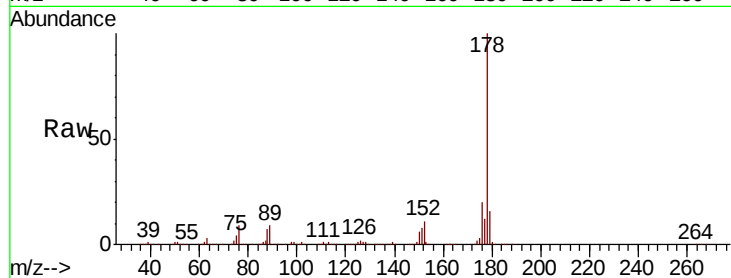
Tot Ion:178 Resp: 1097634

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

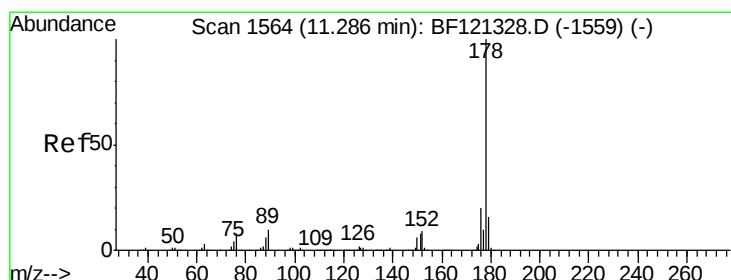
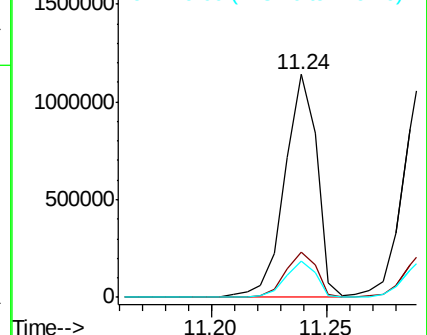
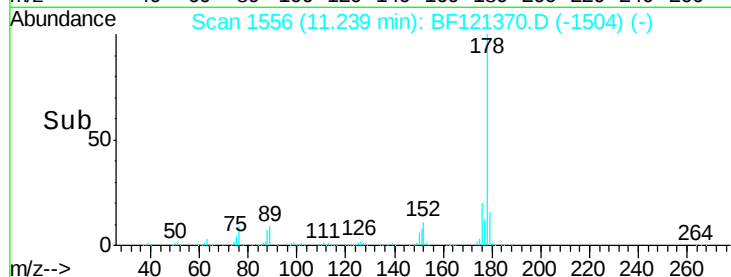
179 16.0 12.8 19.2



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: 36.569 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

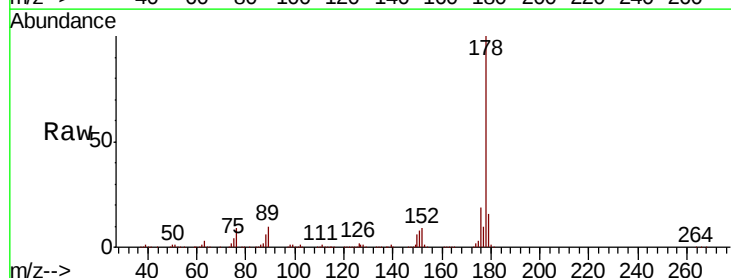
Tgt Ion:178 Resp: 1155699

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

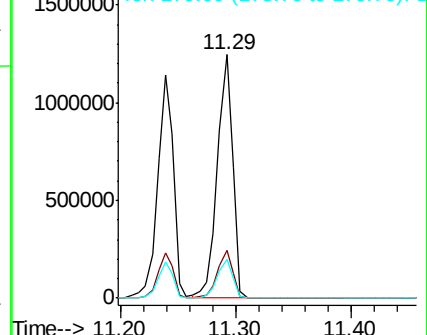
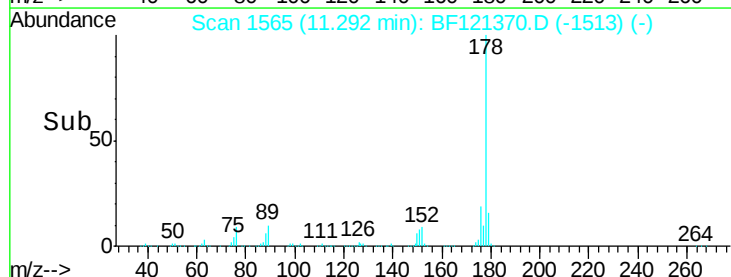
179 15.9 12.8 19.2

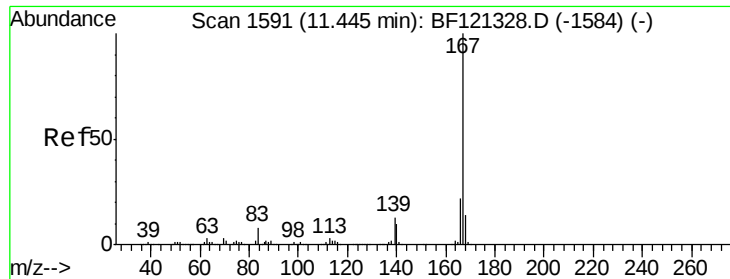


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



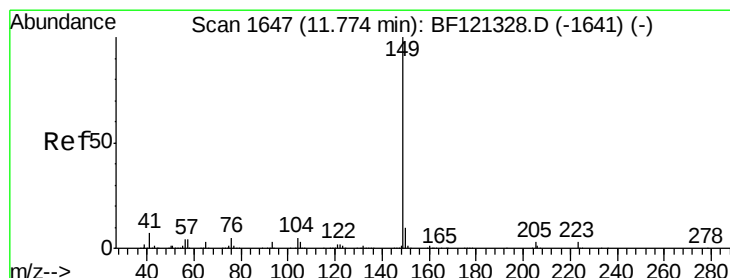
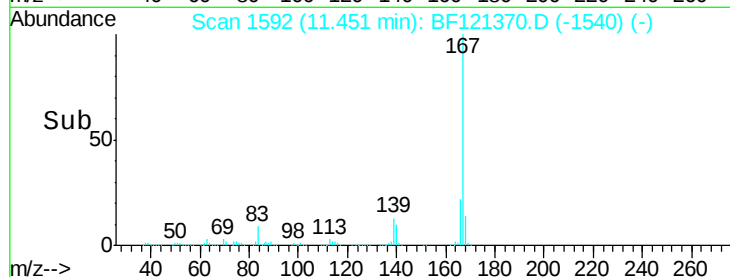
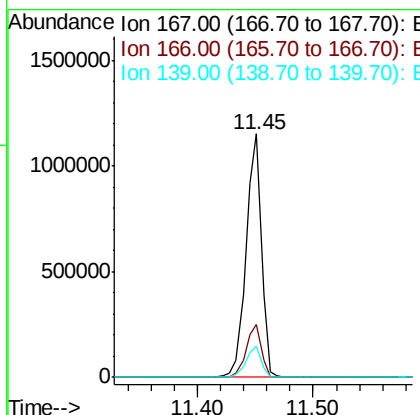
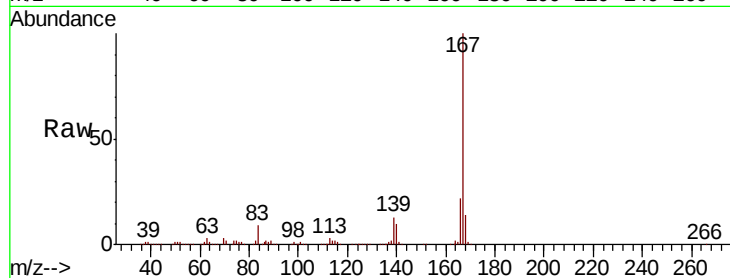


#73
 Carbazole
 Concen: 35.277 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1063976

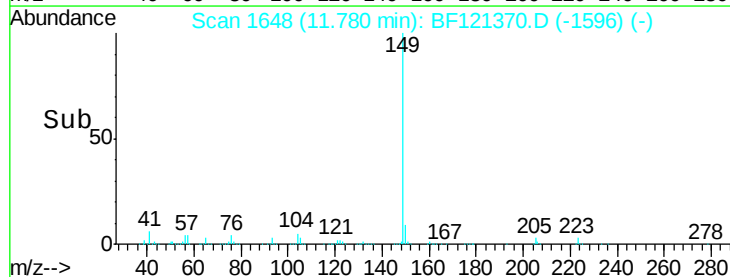
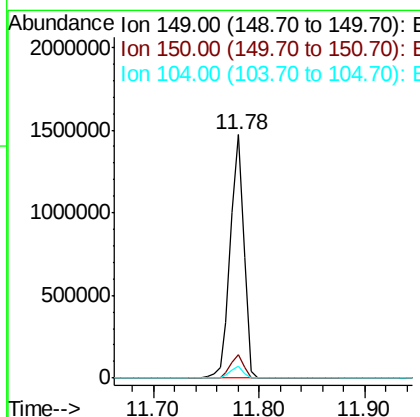
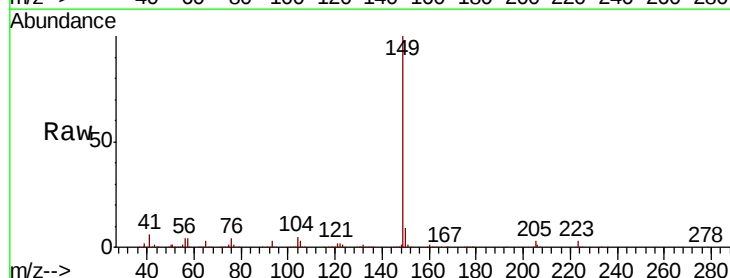
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.6	10.2	15.2

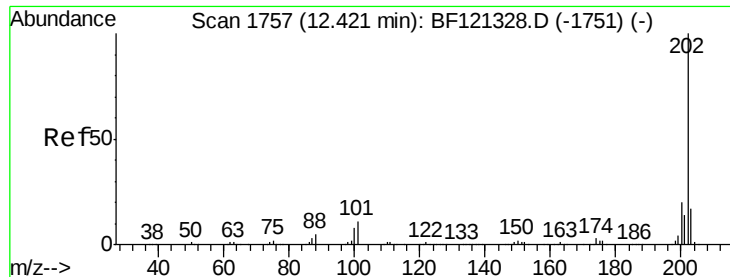


#74
 Di-n-butylphthalate
 Concen: 35.844 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Tgt Ion:149 Resp: 1303647

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.8	3.9	5.9



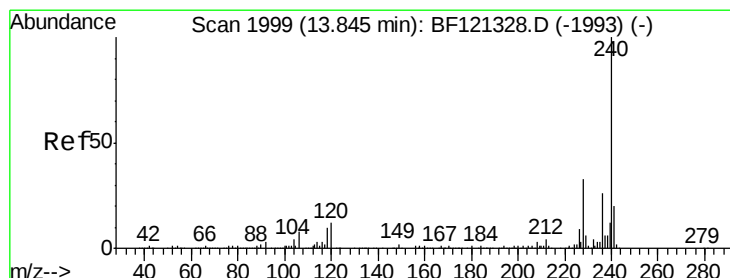
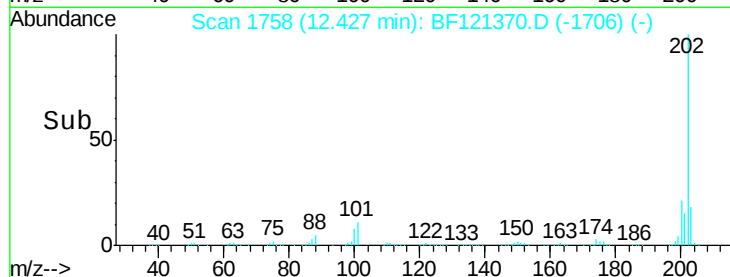
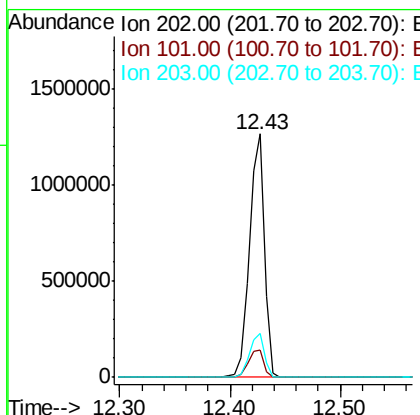
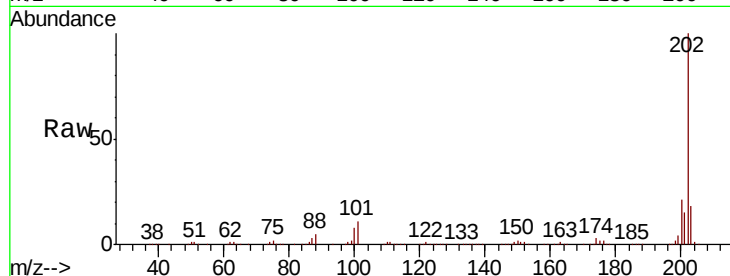


#75
 Fluoranthene
 Concen: 33.873 ng
 RT: 12.43 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1206610

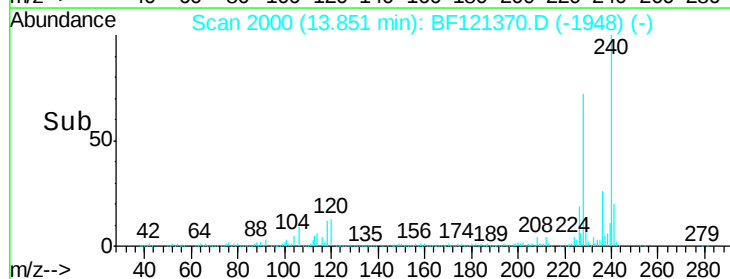
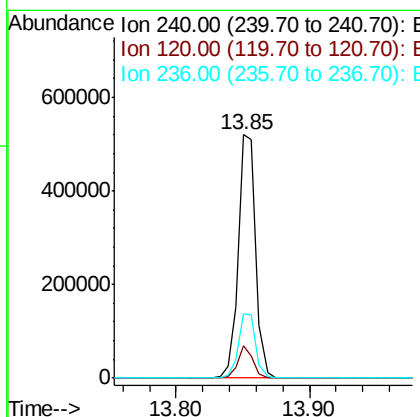
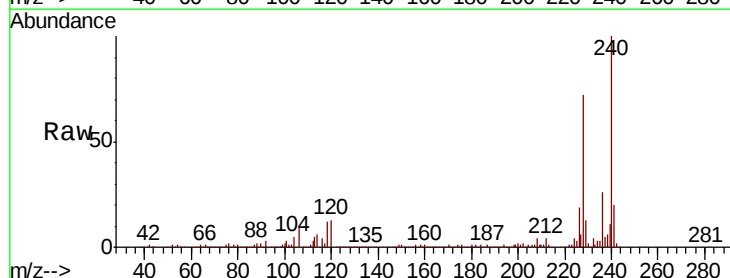
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.6
203	18.1	0.0	37.5

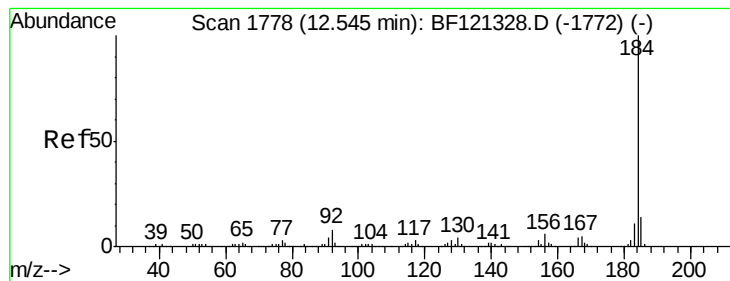


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Tgt Ion:240 Resp: 474555

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.6	14.4
236	26.2	20.6	31.0





#77

Benzidine

Concen: 51.704 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampleId :

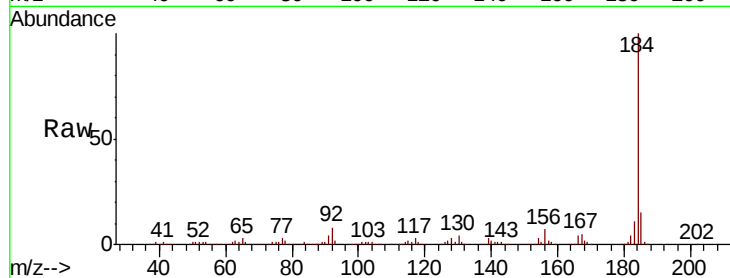
Tot Ion:184 Resp: 675999

Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

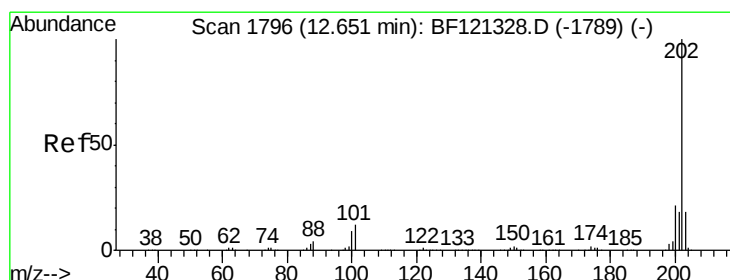
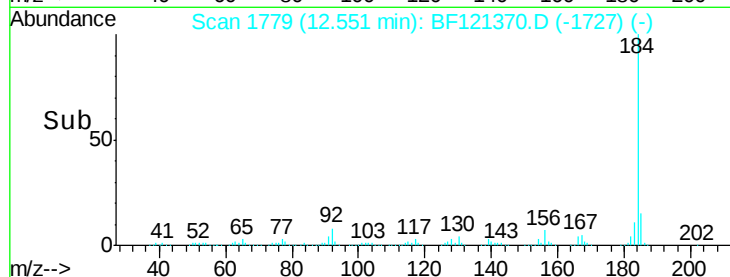
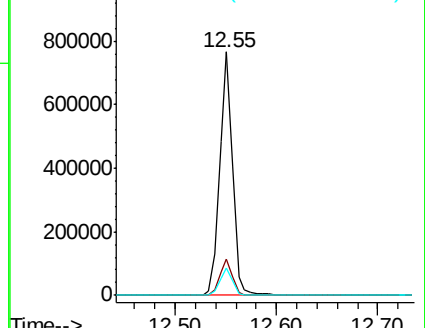
183 11.1 8.7 13.1



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: 34.570 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

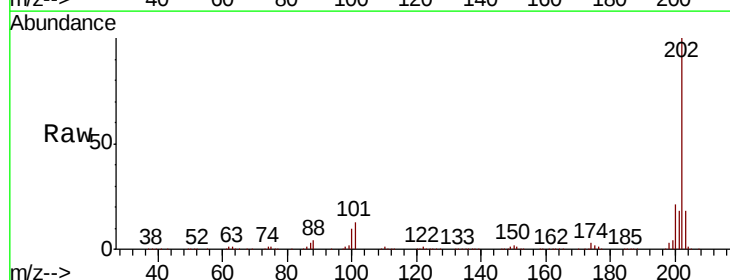
Tgt Ion:202 Resp: 1232316

Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

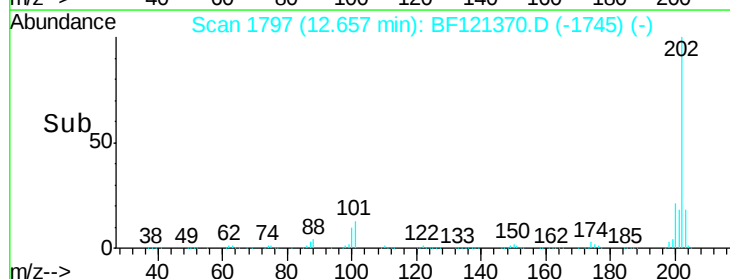
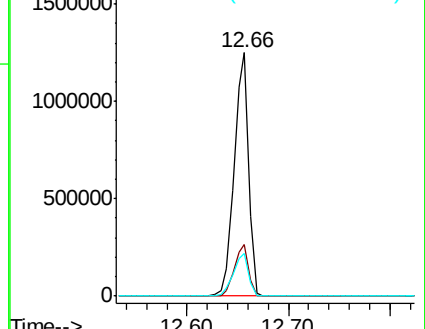
203 17.7 14.2 21.2

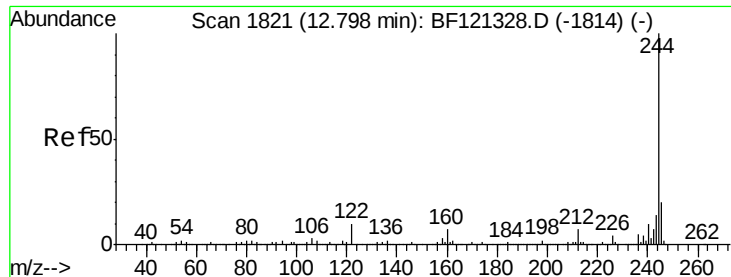


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.295 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampleId :

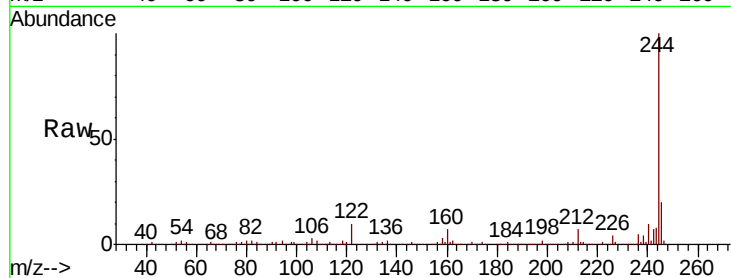
Tot Ion:244 Resp: 1488502

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

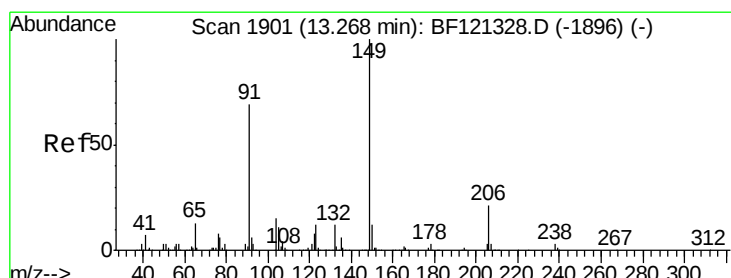
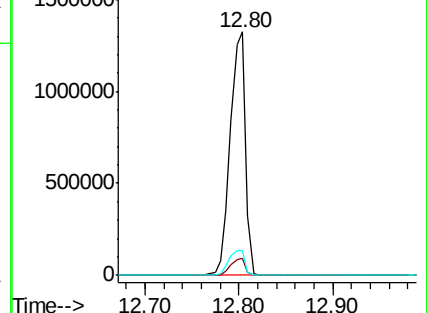
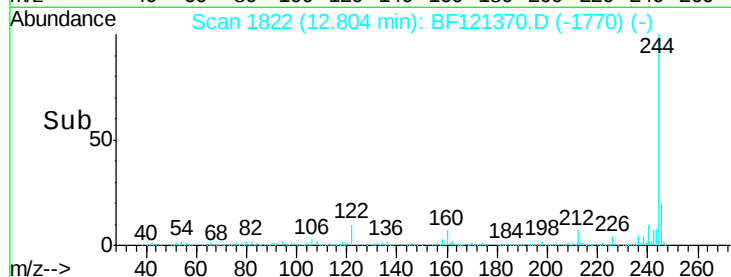
122 9.9 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.064 ng

RT: 13.27 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

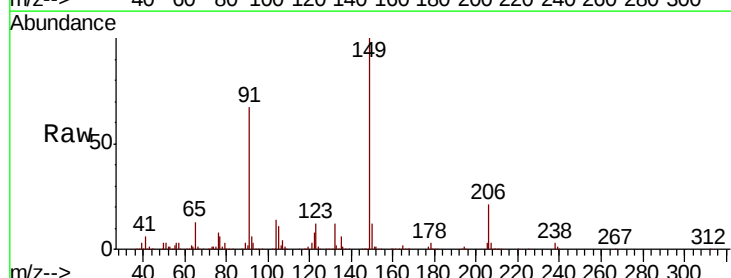
Tgt Ion:149 Resp: 552406

Ion Ratio Lower Upper

149 100

91 67.0 55.2 82.8

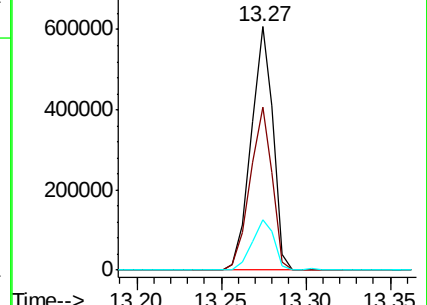
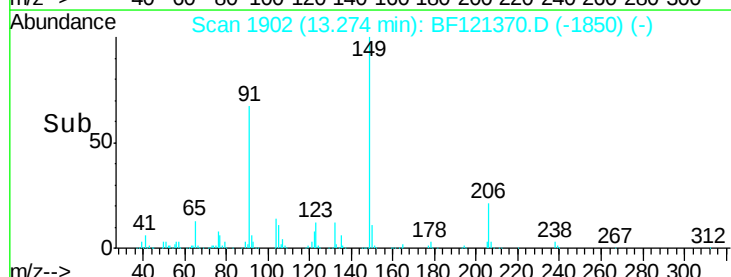
206 20.9 16.8 25.2

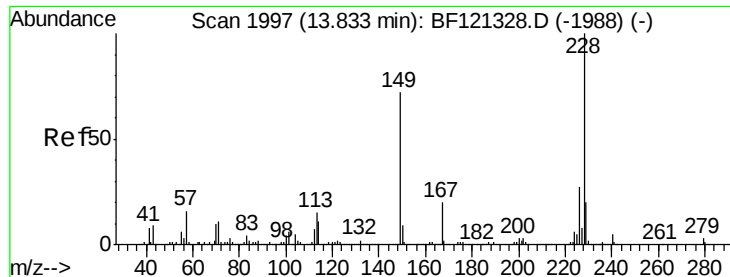


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.322 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampled :

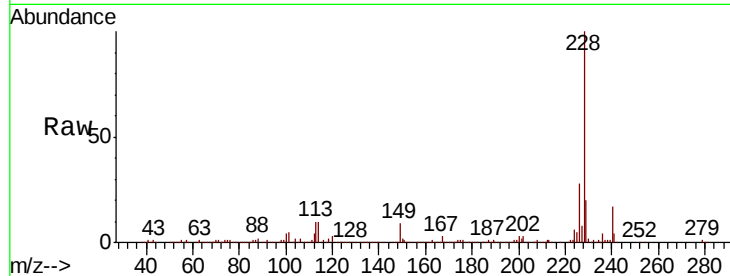
Tot Ion:228 Resp: 982159

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.6

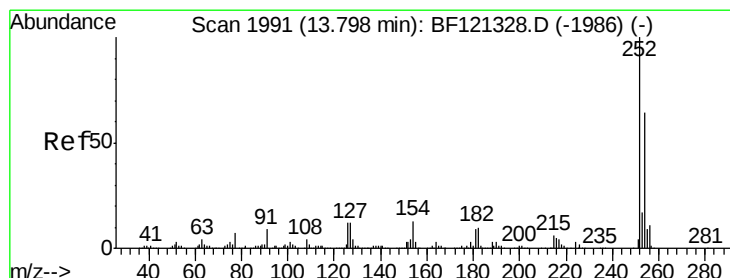
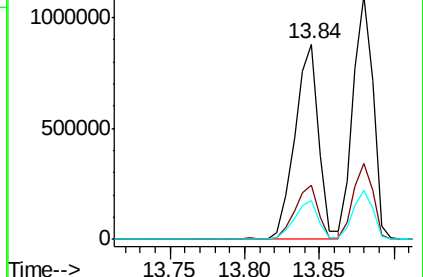
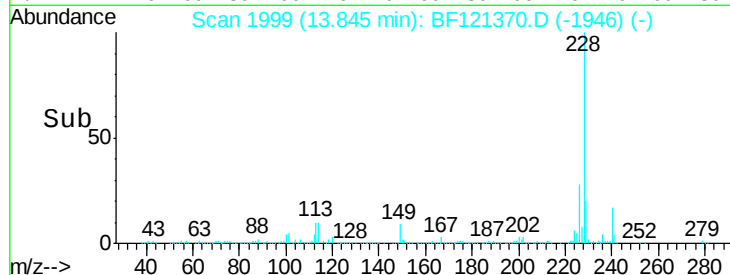
229 20.0 15.8 23.8



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: 27.262 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

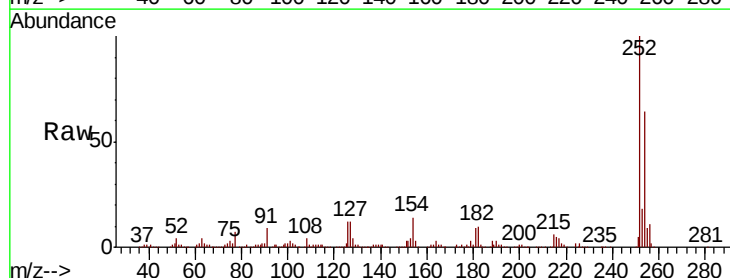
Tgt Ion:252 Resp: 308520

Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

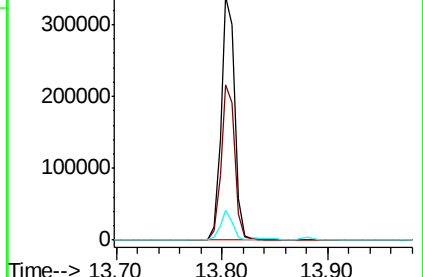
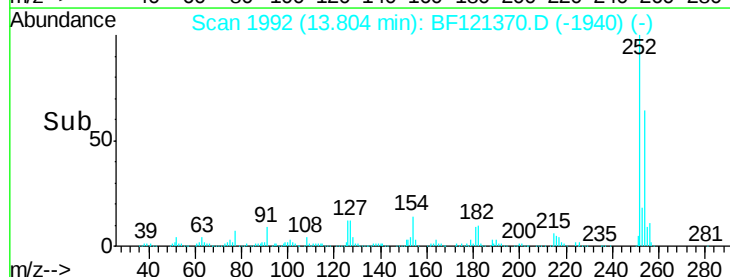
126 12.5 9.8 14.8

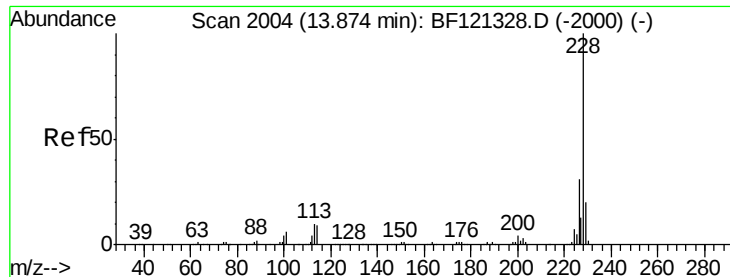


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 34.377 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampled :

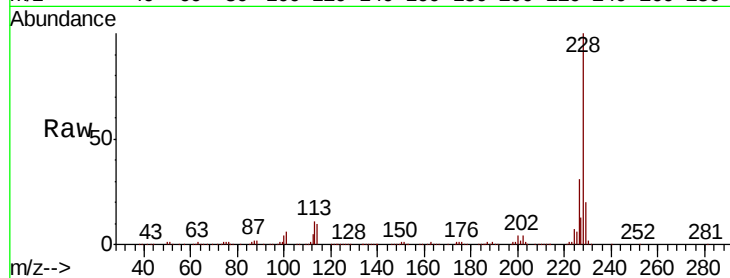
Tot Ion:228 Resp: 1036322

Ion Ratio Lower Upper

228 100

226 31.3 24.6 36.8

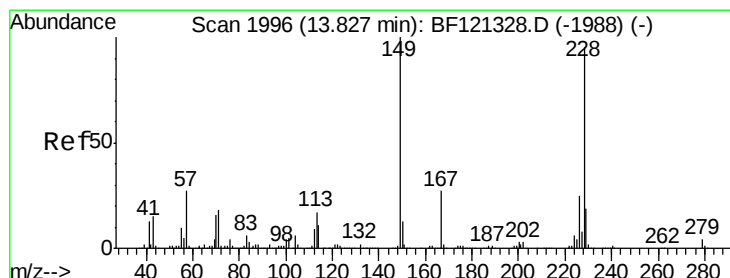
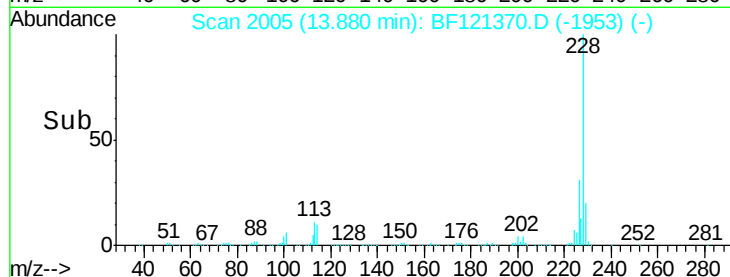
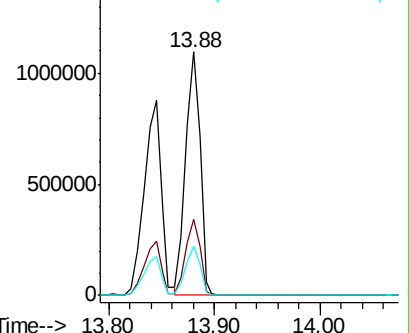
229 20.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.429 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

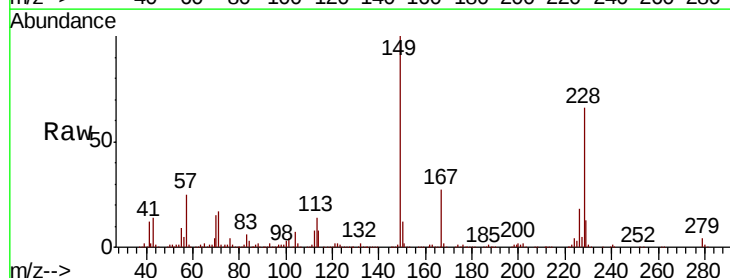
Tgt Ion:149 Resp: 656198

Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

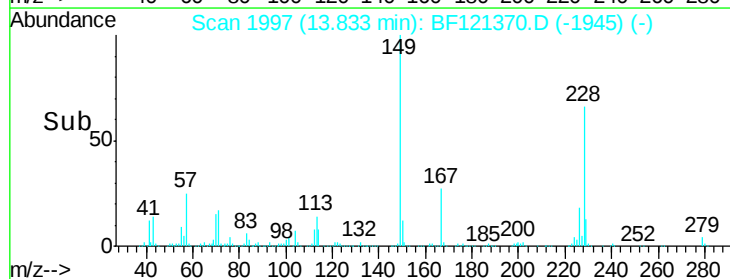
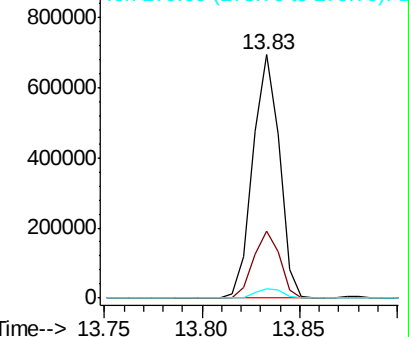
279 4.1 2.9 4.3

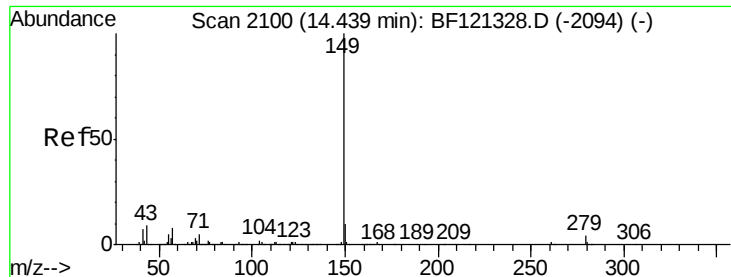


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.245 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampleId :

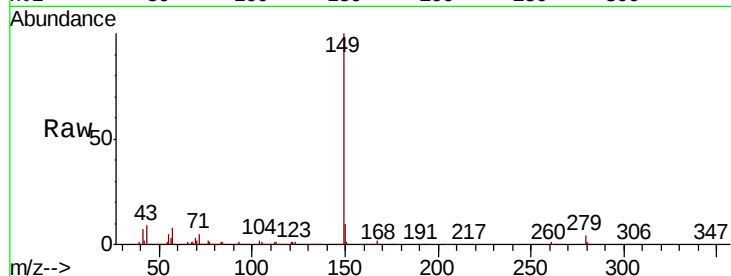
Tot Ion:149 Resp: 1241571

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

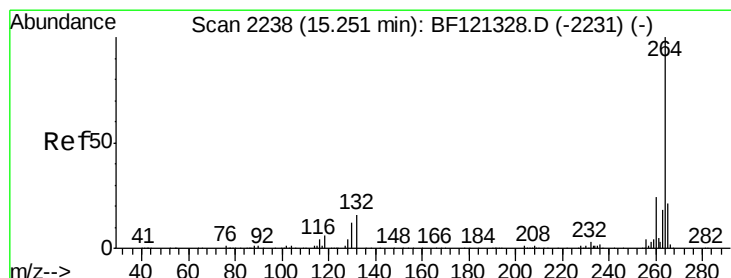
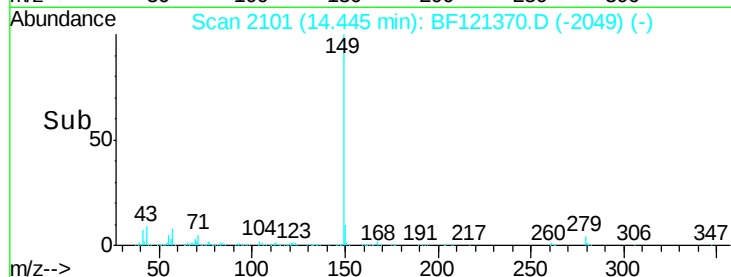
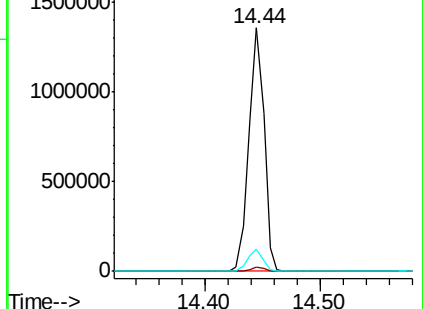
43 9.2 7.1 10.7



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: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

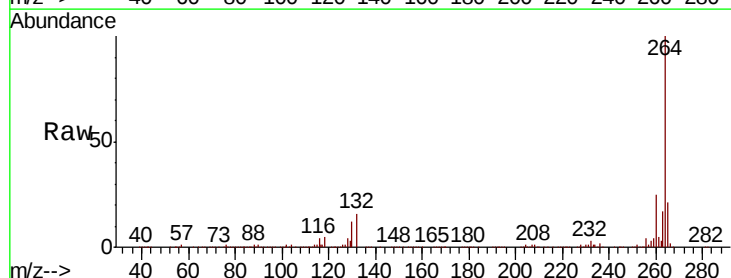
Tgt Ion:264 Resp: 477490

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

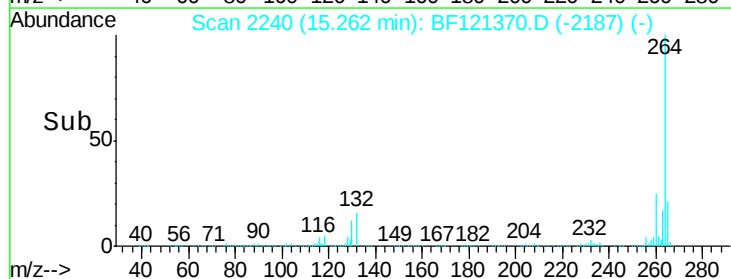
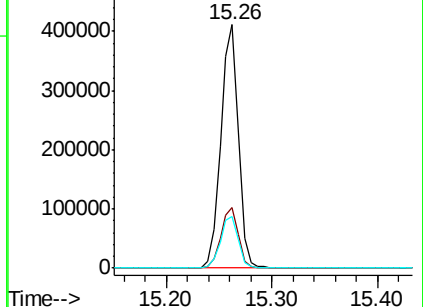
265 21.3 17.1 25.7

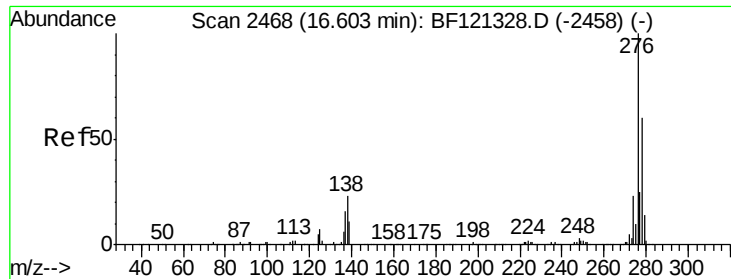


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

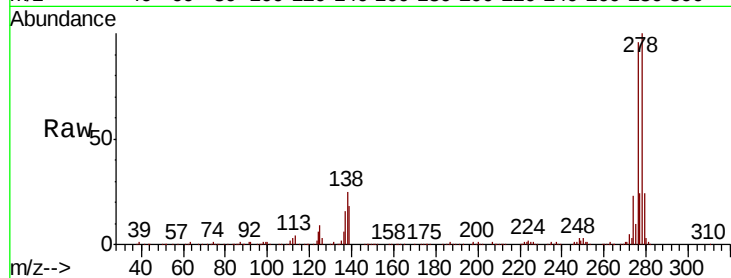




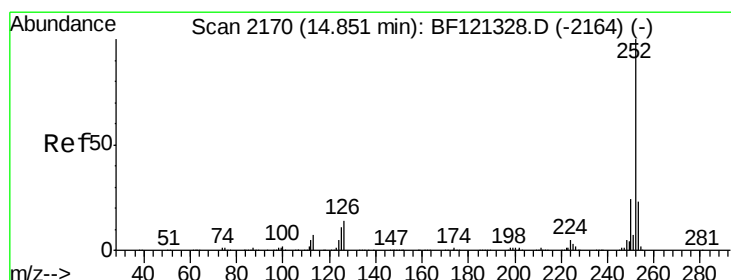
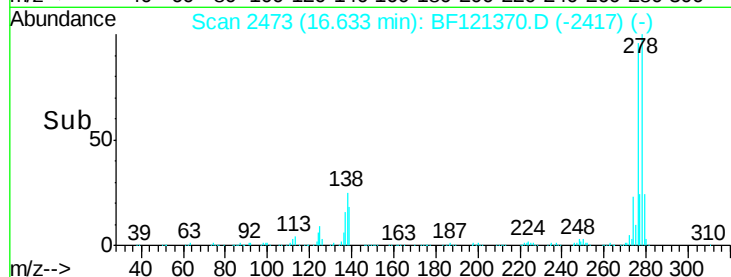
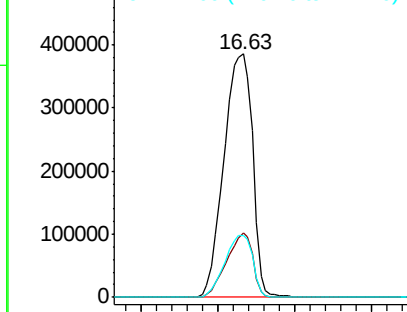
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 34.325 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. 0.03 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1000464
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.4 29.0
 277 25.1 19.9 29.9

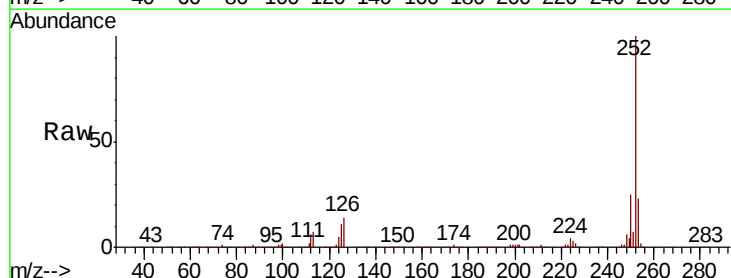


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

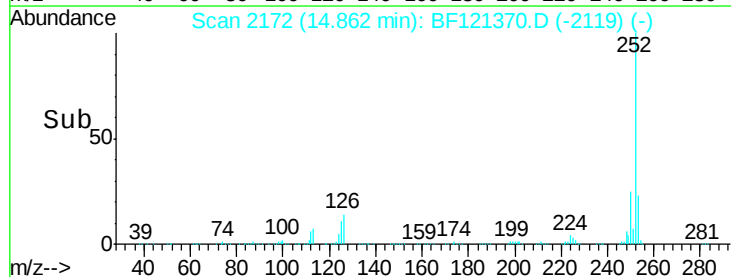
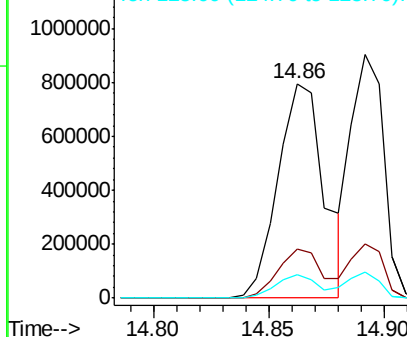


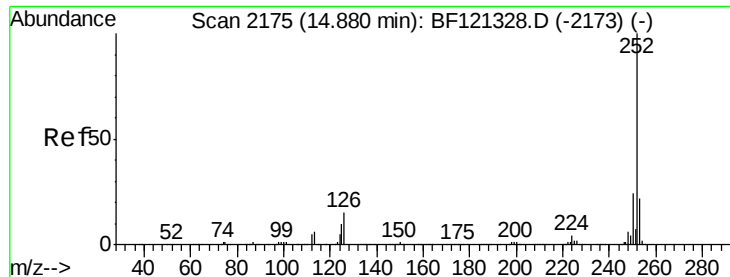
#88
 Benzo(b)fluoranthene
 Concen: 35.972 ng
 RT: 14.86 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: BF121370.D
 Acq: 21 Aug 2020 16:35

Tgt Ion:252 Resp: 1109643
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.0 27.0
 125 11.0 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 32.887 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampleId :

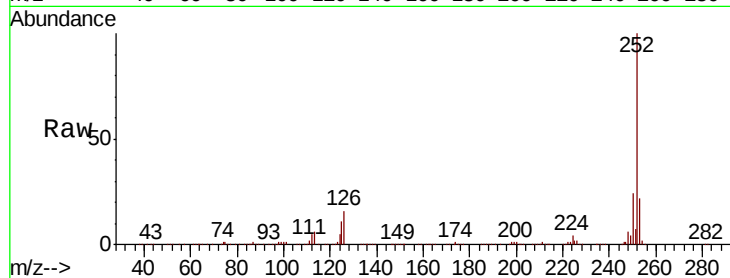
Tot Ion:252 Resp: 893031

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

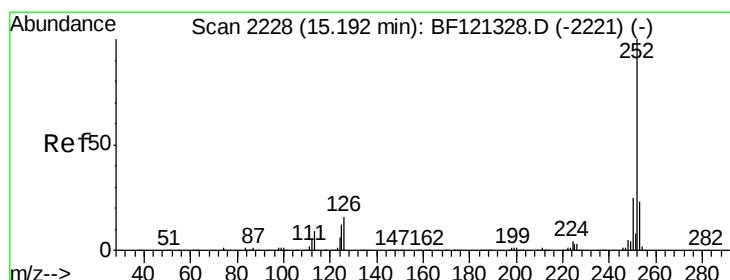
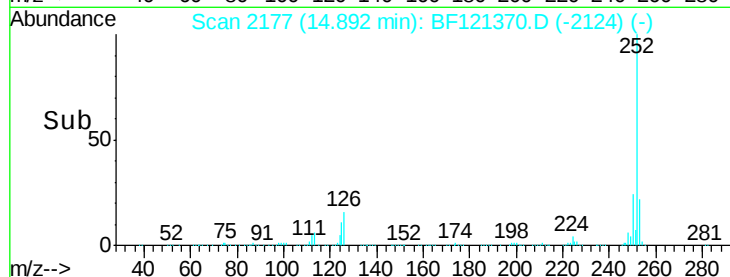
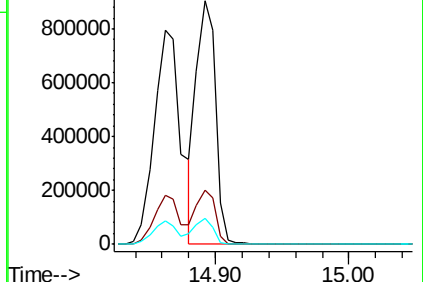
125 10.8 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.206 ng

RT: 15.20 min Scan# 2230

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

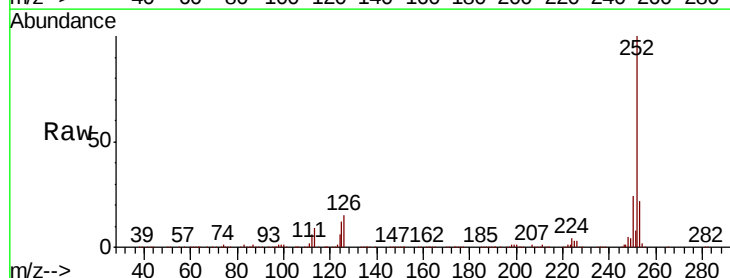
Tgt Ion:252 Resp: 911718

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

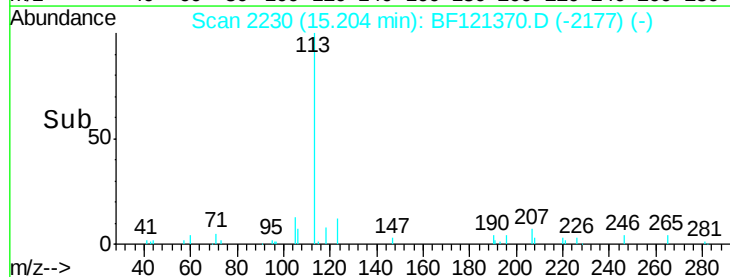
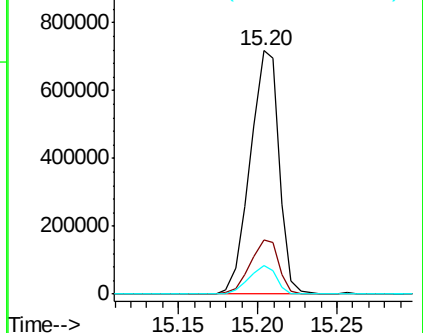
125 11.9 9.4 14.0

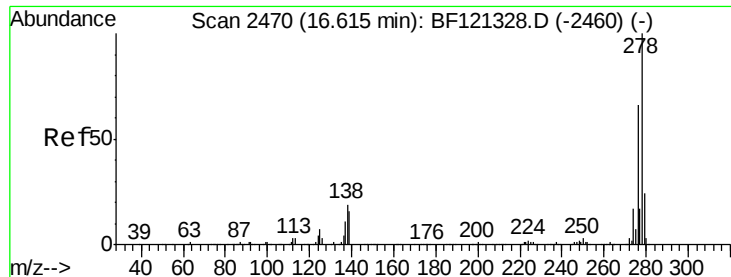


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 34.783 ng

RT: 16.64 min Scan# 2474

Delta R.T. 0.02 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA_F

ClientSampleId :

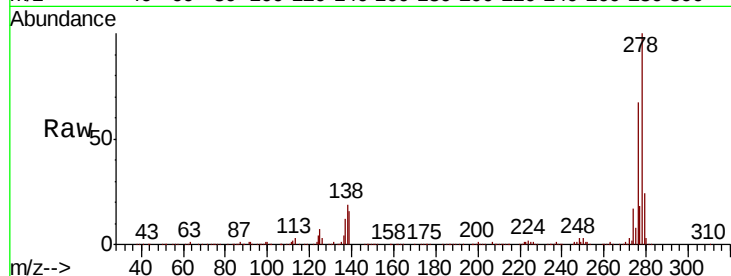
Tot Ion:278 Resp: 831240

Ion Ratio Lower Upper

278 100

139 16.3 13.1 19.7

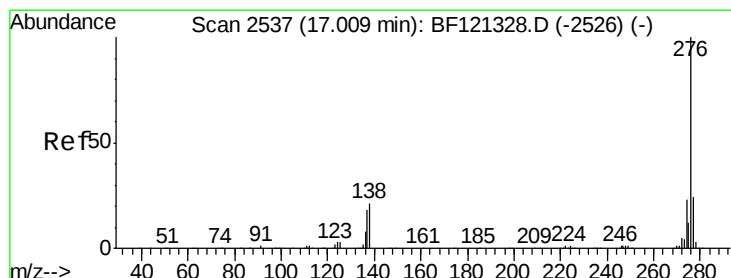
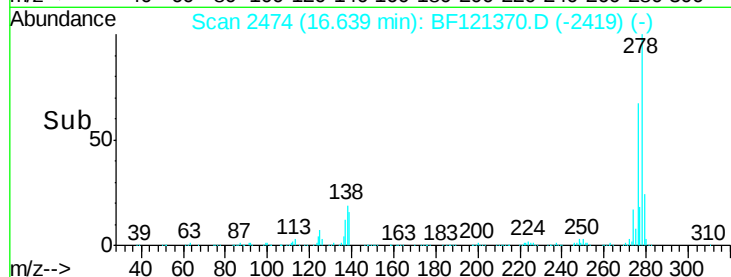
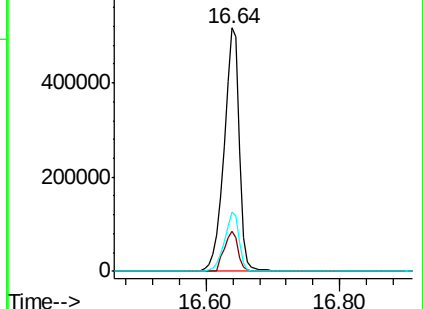
279 24.2 19.4 29.2



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: 35.859 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.03 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

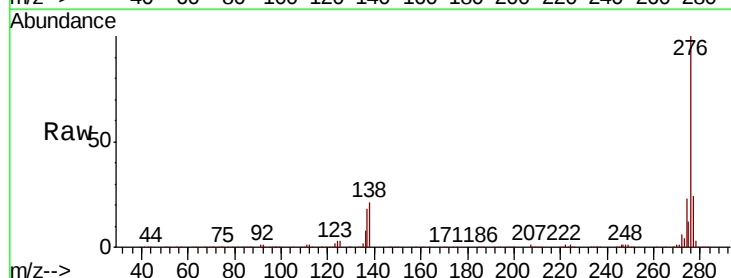
Tgt Ion:276 Resp: 837785

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 21.4 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

