

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
 Data File : BF127605.D
 Acq On : 31 Mar 2022 15:46
 Operator : CG\JU
 Sample : SP5854
 Misc : 8270/625 SPIKE
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5854

Quant Time: Apr 01 05:34:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	87314	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	340542	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	199575	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	368849	20.000	ng	0.00
76) Chrysene-d12	14.021	240	281583	20.000	ng	0.00
86) Perylene-d12	15.498	264	218494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	6.628	99	17703	2.368	ng	0.15
23) Nitrobenzene-d5	7.339	82	29010	3.641	ng	-0.07
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.163	172	653	0.048	ng	-0.03
79) Terphenyl-d14	12.945	244	536	0.031	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	138636	57.705	ng	95
3) Pyridine	3.428	79	327934	48.361	ng	95
4) n-Nitrosodimethylamine	3.410	42	193191	51.890	ng	98
6) Aniline	6.498	93	392859	44.029	ng	# 73
8) 2-Chlorophenol	6.628	128	301243	53.891	ng	99
9) Benzaldehyde	6.392	77	286707	81.868	ng	97
10) Phenol	6.492	94	433445	53.230	ng	92
11) bis(2-Chloroethyl)ether	6.569	93	323383	54.274	ng	100
12) 1,3-Dichlorobenzene	6.769	146	314169	49.970	ng	99
13) 1,4-Dichlorobenzene	6.851	146	320605	50.695	ng	99
14) 1,2-Dichlorobenzene	6.998	146	301291	48.915	ng	98
15) Benzyl Alcohol	6.987	79	296399	54.546	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.104	45	546362	50.958	ng	64
17) 2-Methylphenol	7.098	107	242828	51.474	ng	93
18) Hexachloroethane	7.339	117	119987	51.824	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	231591	51.672	ng	99
20) 3+4-Methylphenols	7.251	107	307367	52.825	ng	93
22) Acetophenone	7.245	105	399250	45.864	ng	93
24) Nitrobenzene	7.422	77	368004	48.437	ng	100
25) Isophorone	7.657	82	682771	53.810	ng	99
26) 2-Nitrophenol	7.739	139	157760	49.509	ng	95
27) 2,4-Dimethylphenol	7.775	122	274409	57.250	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	406887	49.364	ng	100
29) 2,4-Dichlorophenol	7.986	162	261906	48.132	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	287290	45.309	ng	98
31) Naphthalene	8.139	128	858905	47.506	ng	99
32) Benzoic acid	7.939	122	148263	53.088	ng	92
33) 4-Chloroaniline	8.198	127	220456	31.467	ng	97
34) Hexachlorobutadiene	8.245	225	176189	43.758	ng	98
35) Caprolactam	8.586	113	61781	36.829	ng	97
36) 4-Chloro-3-methylphenol	8.686	107	288019	48.786	ng	96
37) 2-Methylnaphthalene	8.833	142	568043	48.862	ng	100
38) 1-Methylnaphthalene	8.928	142	539128	46.899	ng	97
40) 1,2,4,5-Tetrachloroben...	8.998	216	289002	45.544	ng	99
41) Hexachlorocyclopentadiene	8.975	237	174695	79.823	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	176277	45.957	ng	98

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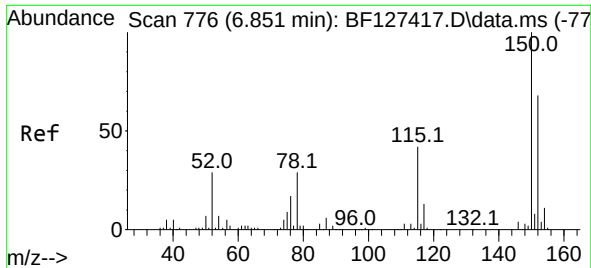
Quant Time: Apr 01 05:34:28 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	193127	48.912	ng	98
46) 1,1'-Biphenyl	9.292	154	703171	46.651	ng	99
47) 2-Chloronaphthalene	9.322	162	550728	46.398	ng	99
48) 2-Nitroaniline	9.433	65	222543	48.920	ng	98
49) Acenaphthylene	9.739	152	859516	47.899	ng	99
50) Dimethylphthalate	9.598	163	655598	47.219	ng	98
51) 2,6-Dinitrotoluene	9.675	165	144096	49.442	ng	90
52) Acenaphthene	9.910	154	496947	47.465	ng	98
53) 3-Nitroaniline	9.845	138	110560	34.583	ng	98
54) 2,4-Dinitrophenol	9.963	184	132364	88.901	ng	92
55) Dibenzofuran	10.086	168	708417	47.044	ng	98
56) 4-Nitrophenol	10.028	139	134989	82.960	ng	99
57) 2,4-Dinitrotoluene	10.080	165	171106	45.612	ng #	85
58) Fluorene	10.427	166	592510	49.072	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	163652	46.879	ng	95
60) Diethylphthalate	10.298	149	595589	46.966	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	309249	43.096	ng	97
62) 4-Nitroaniline	10.475	138	147561	49.276	ng	91
63) Azobenzene	10.575	77	702621	46.957	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	100410	44.241	ng	90
66) n-Nitrosodiphenylamine	10.539	169	512639	45.657	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	196853	45.712	ng	95
68) Hexachlorobenzene	10.975	284	212998	45.312	ng	98
69) Atrazine	11.069	200	195844	52.394	ng	97
70) Pentachlorophenol	11.180	266	153965	84.426	ng	99
71) Phenanthrene	11.392	178	880567	45.792	ng	99
72) Anthracene	11.445	178	902049	47.270	ng	99
73) Carbazole	11.610	167	826895	45.311	ng	98
74) Di-n-butylphthalate	11.916	149	968298	51.260	ng	100
75) Fluoranthene	12.586	202	1010886	47.795	ng	98
77) Benzidine	12.716	184	734984	109.470	ng	98
78) Pyrene	12.816	202	1037209	42.920	ng	99
80) Butylbenzylphthalate	13.421	149	400957	50.412	ng	99
81) Benzo(a)anthracene	14.010	228	888334	47.175	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	172861	31.234	ng	98
83) Chrysene	14.045	228	821524	46.071	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	531242	57.781	ng	98
85) Di-n-octyl phthalate	14.586	149	864677	70.674	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	599733	40.565	ng	97
88) Benzo(b)fluoranthene	15.068	252	704347	51.127	ng	99
89) Benzo(k)fluoranthene	15.098	252	703887	49.286	ng	99
90) Benzo(a)pyrene	15.439	252	651405	57.615	ng #	98
91) Dibenzo(a,h)anthracene	17.009	278	530151	43.433	ng	97
92) Benzo(g,h,i)perylene	17.462	276	532254	42.187	ng	97

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

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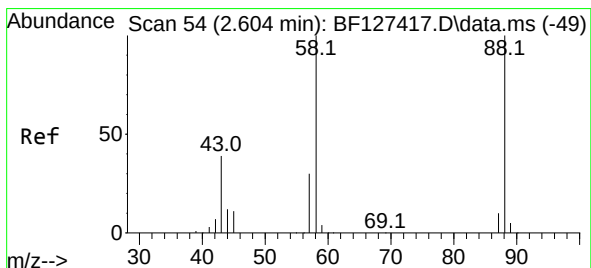
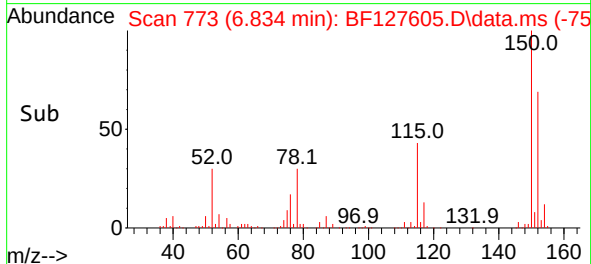
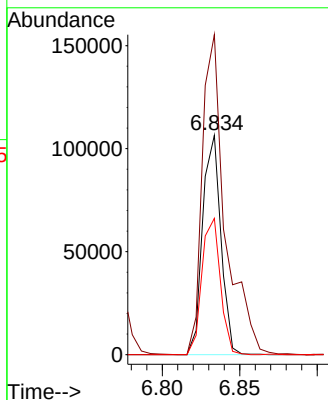
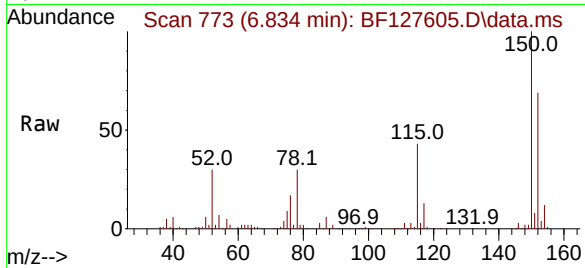




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127605.D
 Acq: 31 Mar 2022 15:46

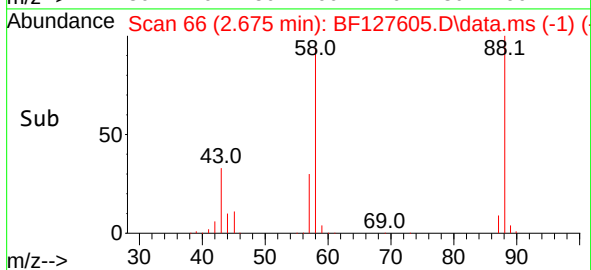
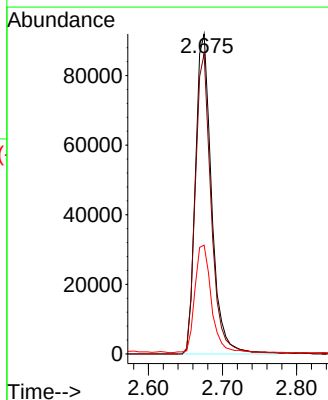
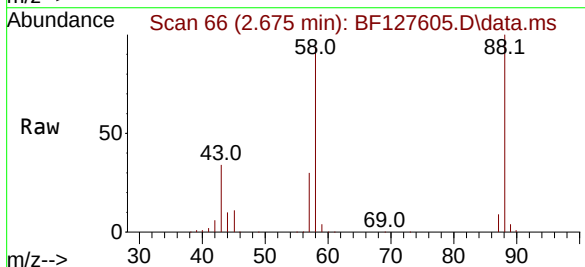
Instrument :
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 SP5854

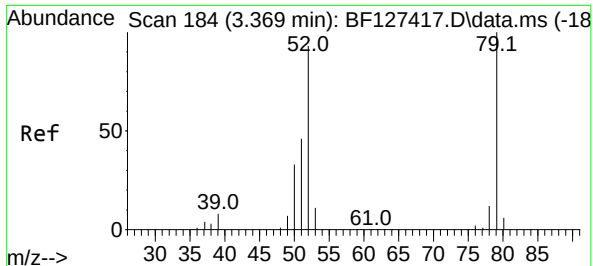
Tgt Ion:152 Resp: 87314
 Ion Ratio Lower Upper
 152 100
 150 145.9 117.2 175.8
 115 62.2 49.8 74.6



#2
 1,4-Dioxane
 Concen: 57.705 ng
 RT: 2.675 min Scan# 66
 Delta R.T. 0.088 min
 Lab File: BF127605.D
 Acq: 31 Mar 2022 15:46

Tgt Ion: 88 Resp: 138636
 Ion Ratio Lower Upper
 88 100
 58 91.7 77.0 115.4
 43 34.5 31.3 46.9





#3

Pyridine

Concen: 48.361 ng

RT: 3.428 min Scan# 194

Delta R.T. 0.082 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

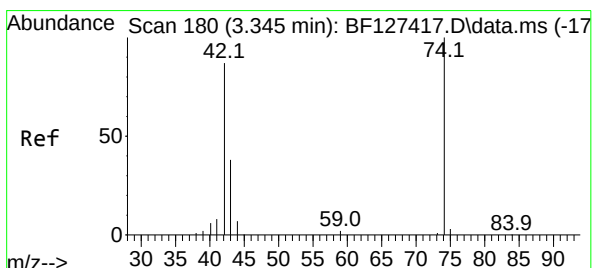
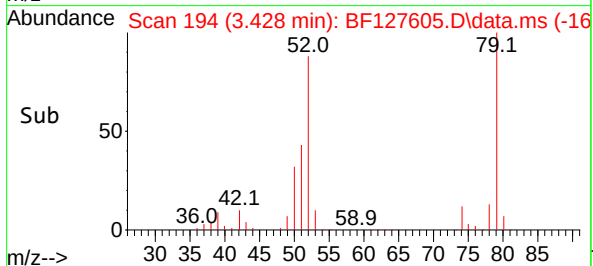
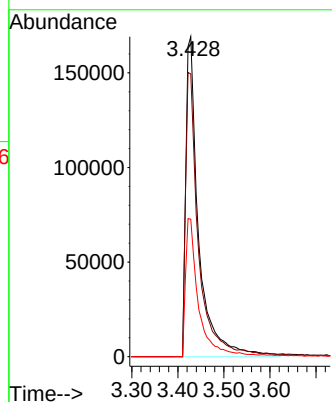
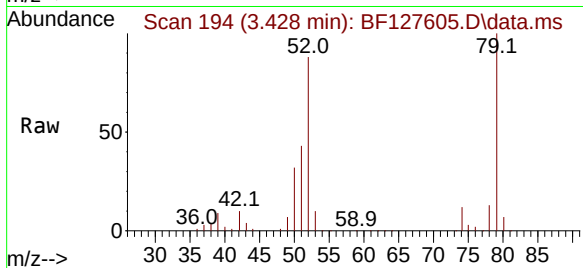
Tgt Ion: 79 Resp: 327934

Ion Ratio Lower Upper

79 100

52 88.3 74.2 111.4

51 43.0 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 51.890 ng

RT: 3.410 min Scan# 191

Delta R.T. 0.082 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

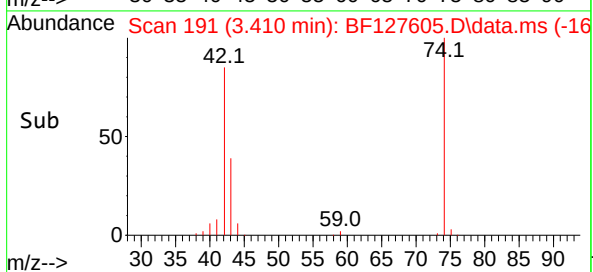
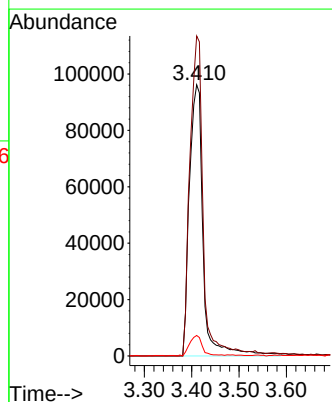
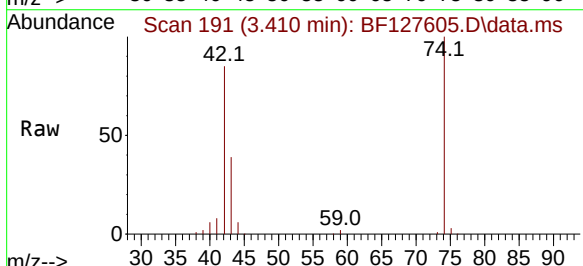
Tgt Ion: 42 Resp: 193191

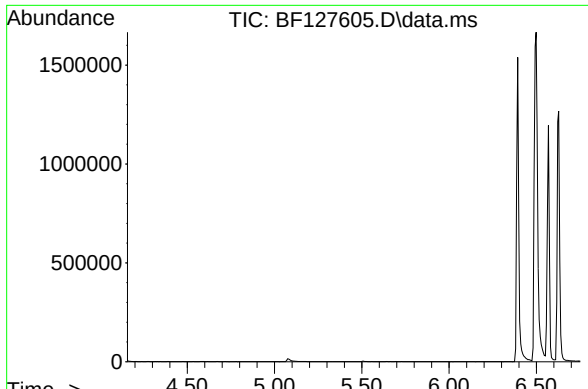
Ion Ratio Lower Upper

42 100

74 118.0 92.4 138.6

44 7.5 6.0 9.0

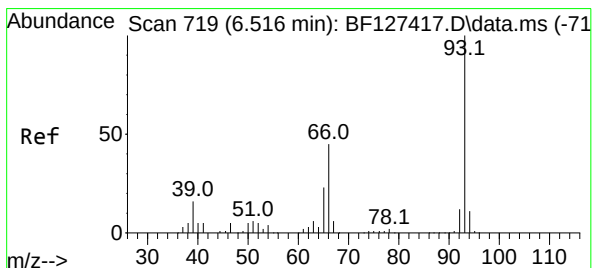
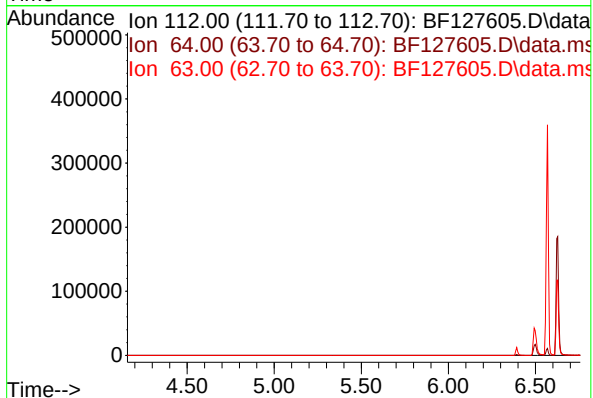




#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.46 min
 Lab File: BF127605.D
 Acq: 31 Mar 2022 15:46

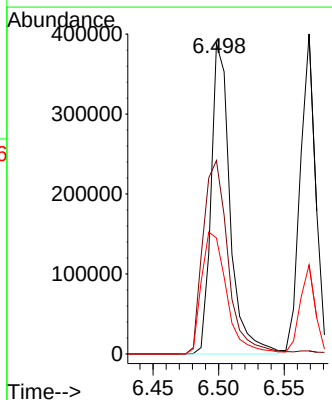
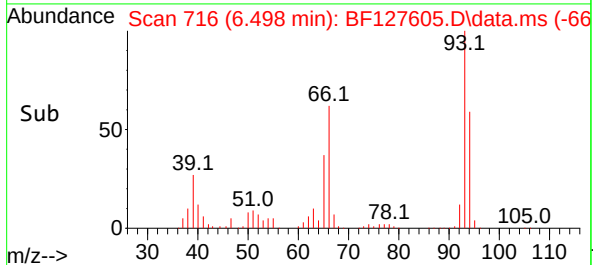
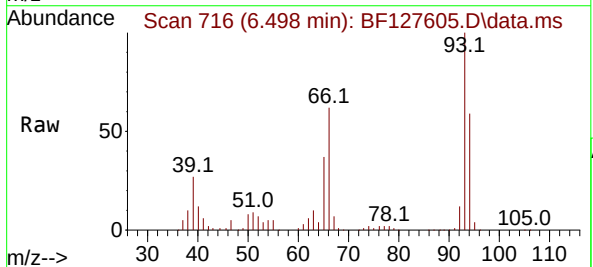
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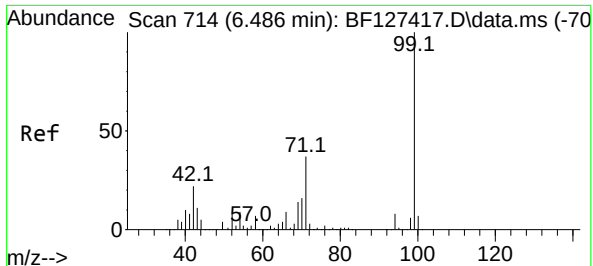
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 73.0
 63 37.6



#6
 Aniline
 Concen: 44.029 ng
 RT: 6.498 min Scan# 716
 Delta R.T. -0.006 min
 Lab File: BF127605.D
 Acq: 31 Mar 2022 15:46

Tgt Ion: 93 Resp: 392859
 Ion Ratio Lower Upper
 93 100
 66 62.3 36.2 54.4#
 65 37.4 18.4 27.6#

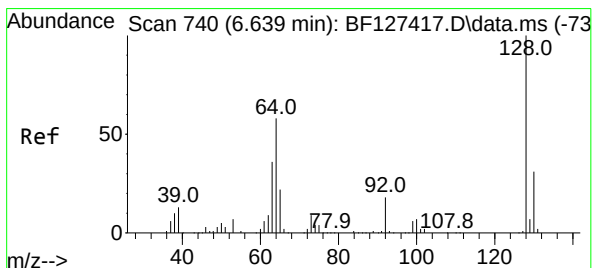
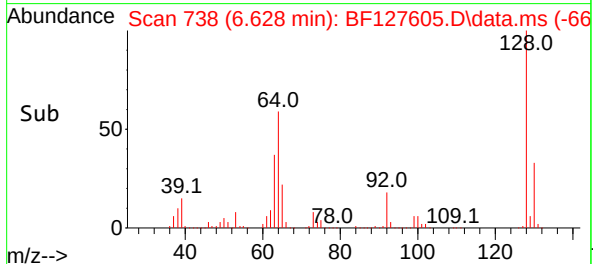
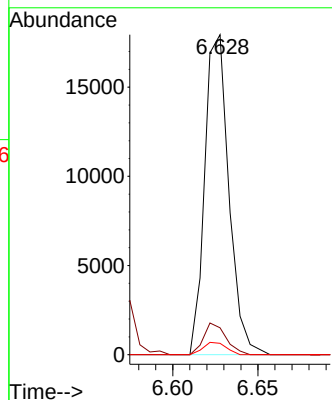
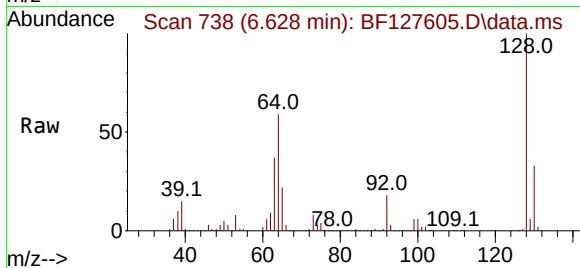




#7
Phenol-d6
Concen: 2.368 ng
RT: 6.628 min Scan# 714
Delta R.T. 0.147 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

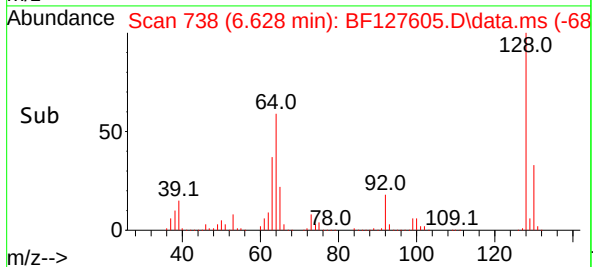
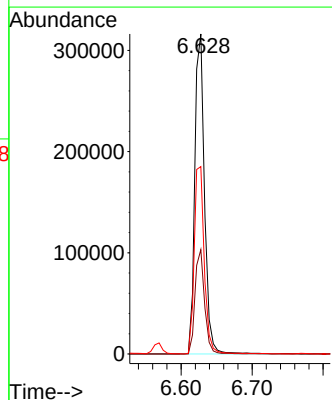
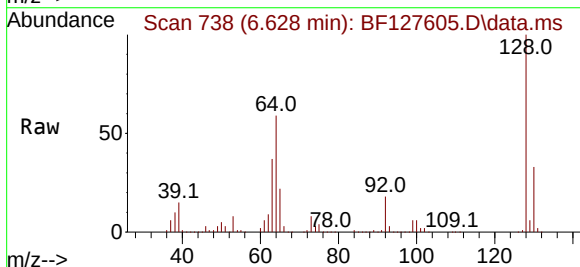
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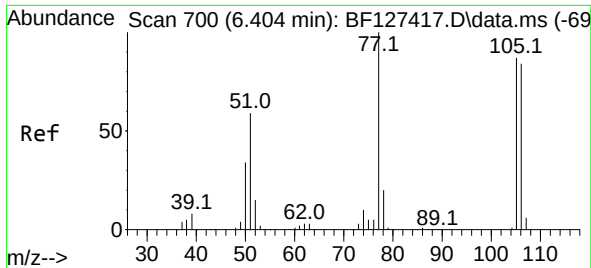
Tgt Ion: 99 Resp: 17703
Ion Ratio Lower Upper
99 100
42 8.4 17.8 26.6#
71 3.6 29.6 44.4#



#8
2-Chlorophenol
Concen: 53.891 ng
RT: 6.628 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion: 128 Resp: 301243
Ion Ratio Lower Upper
128 100
130 32.6 11.3 51.3
64 58.5 38.4 78.4

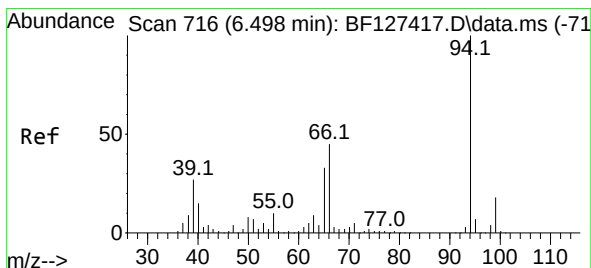
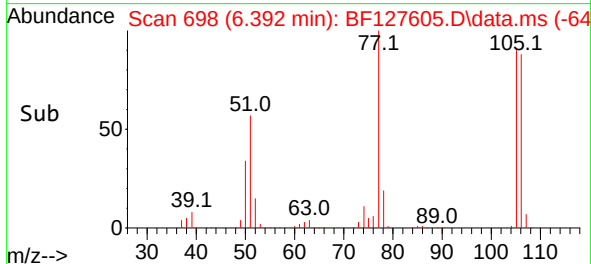
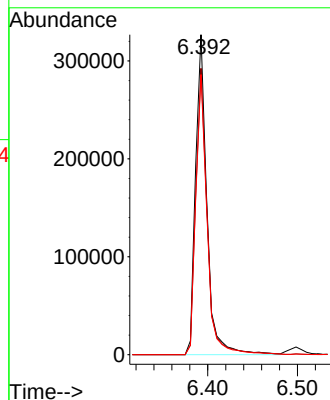
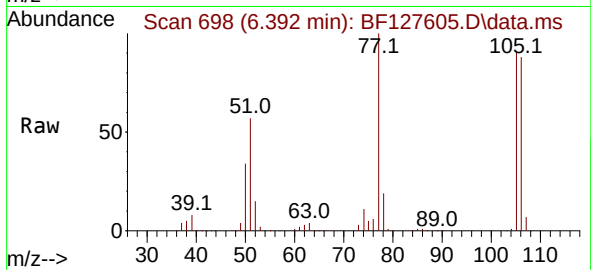




#9
Benzaldehyde
Concen: 81.868 ng
RT: 6.392 min Scan# 69
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

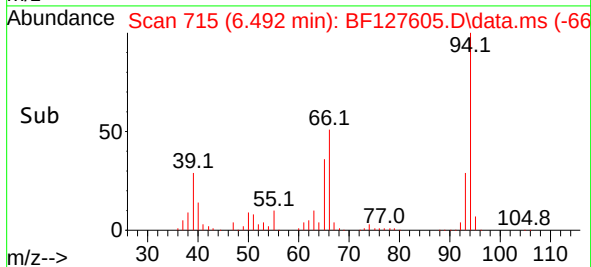
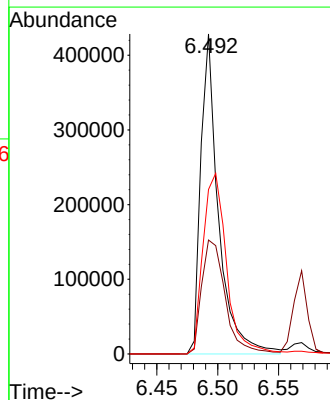
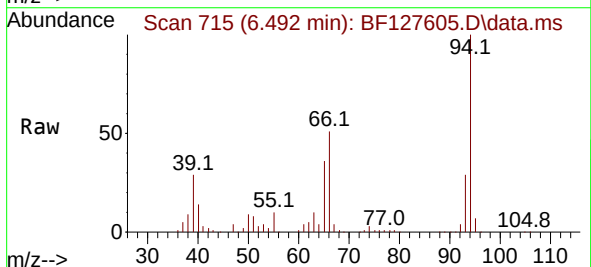
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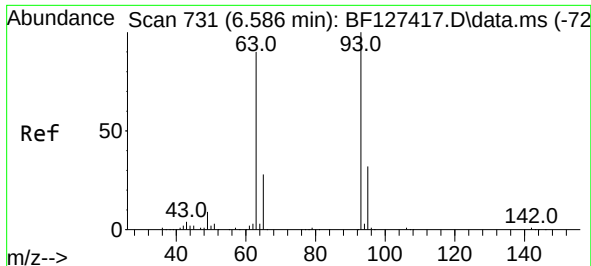
Tgt Ion: 77 Resp: 286707
Ion Ratio Lower Upper
77 100
105 89.5 66.8 106.8
106 87.6 64.3 104.3



#10
Phenol
Concen: 53.230 ng
RT: 6.492 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion: 94 Resp: 433445
Ion Ratio Lower Upper
94 100
65 35.6 13.1 53.1
66 51.4 24.9 64.9

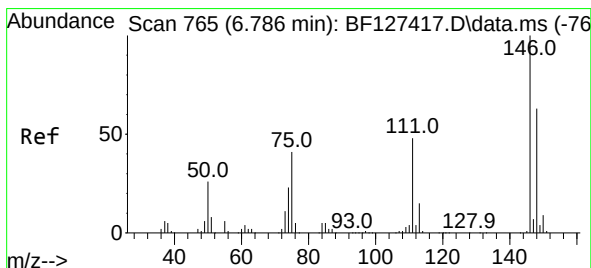
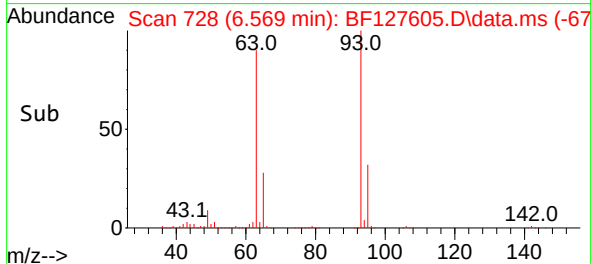
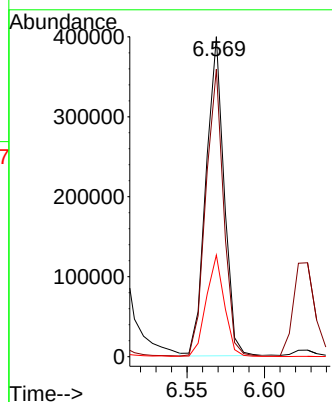
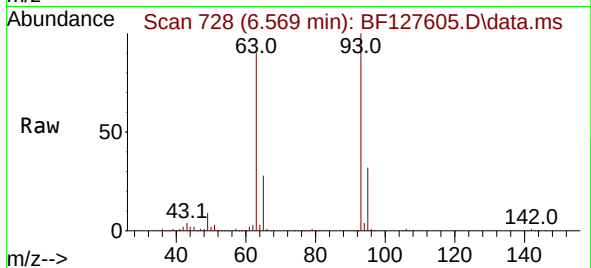




#11
bis(2-Chloroethyl)ether
Concen: 54.274 ng
RT: 6.569 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

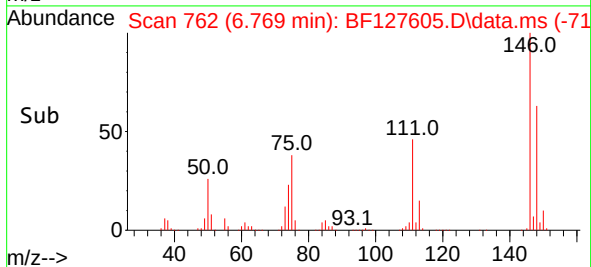
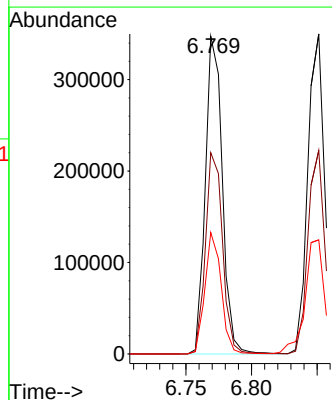
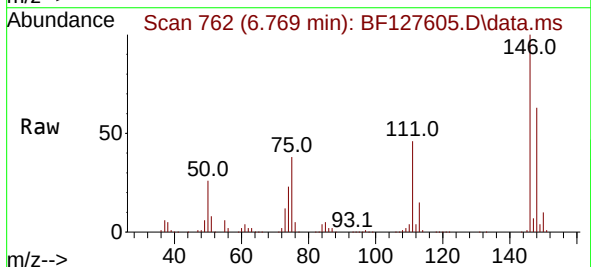
Instrument :
BNA_F
ClientSampleId :
SP5854

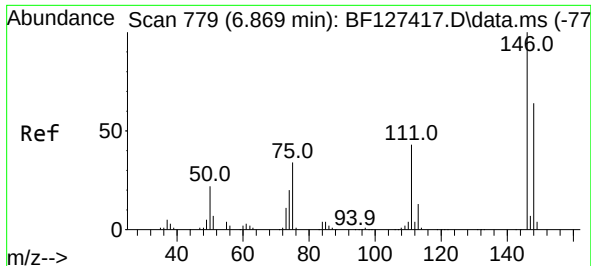
Tgt Ion: 93 Resp: 323383
Ion Ratio Lower Upper
93 100
63 89.9 69.6 109.6
95 31.8 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 49.970 ng
RT: 6.769 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:146 Resp: 314169
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
75 38.2 32.4 48.6

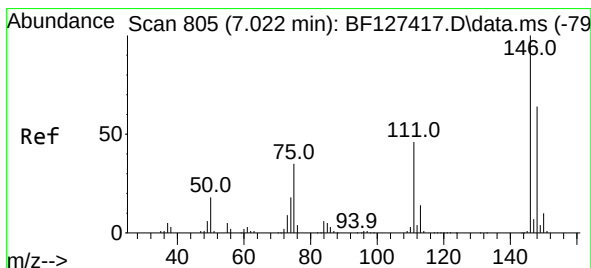
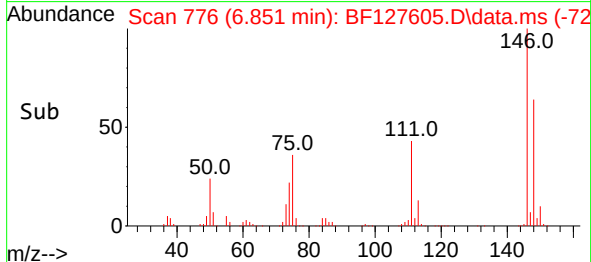
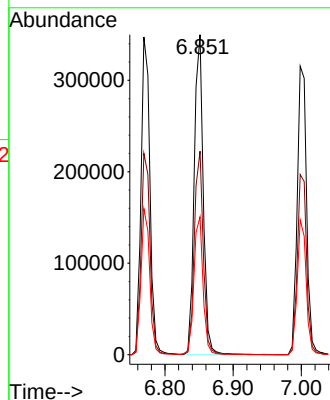
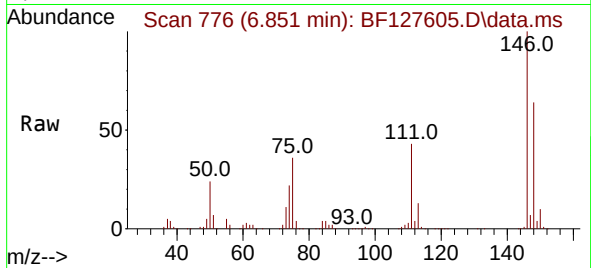




#13
1,4-Dichlorobenzene
Concen: 50.695 ng
RT: 6.851 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

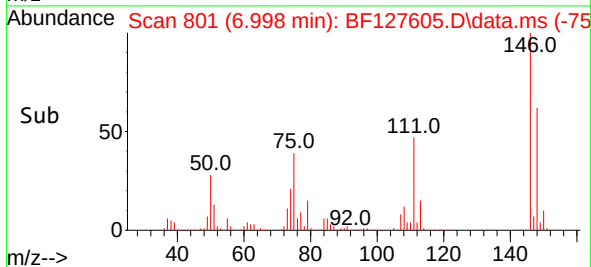
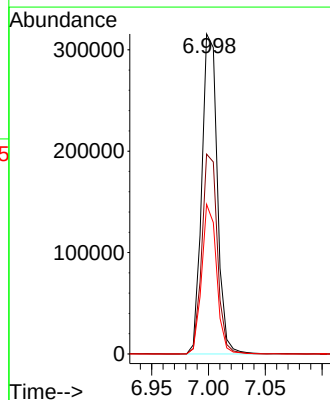
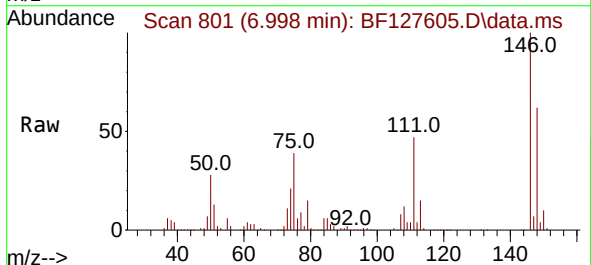
Instrument :
BNA_F
ClientSampleId :
SP5854

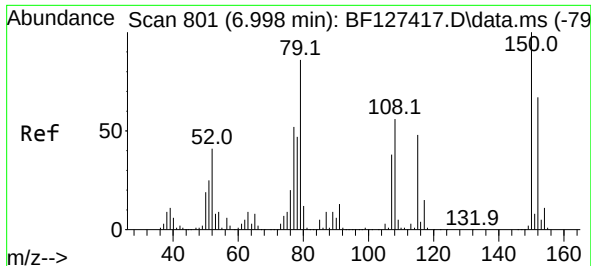
Tgt Ion:146 Resp: 320605
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
111 43.1 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 48.915 ng
RT: 6.998 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:146 Resp: 301291
Ion Ratio Lower Upper
146 100
148 62.4 51.4 77.2
111 46.7 36.4 54.6

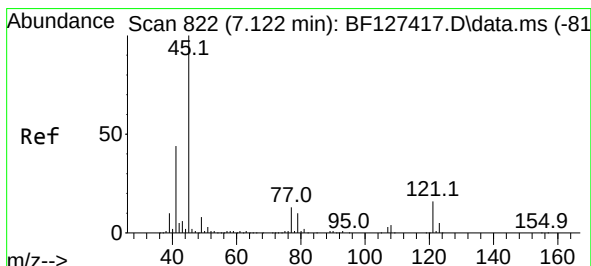
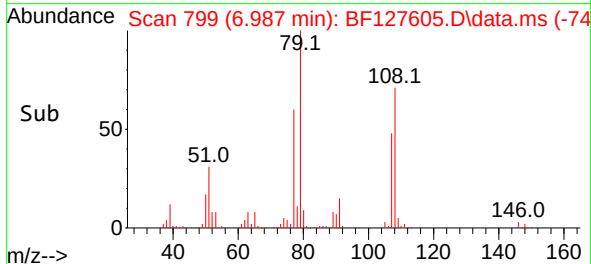
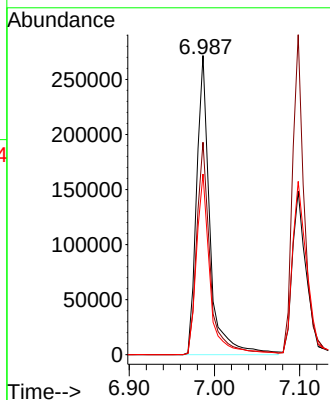
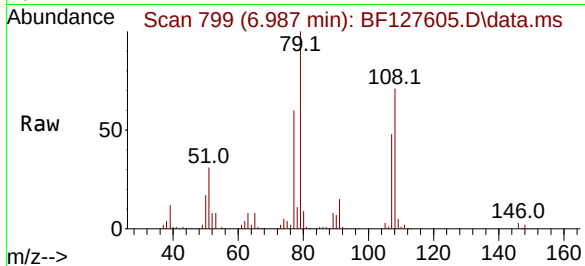




#15
Benzyl Alcohol
Concen: 54.546 ng
RT: 6.987 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

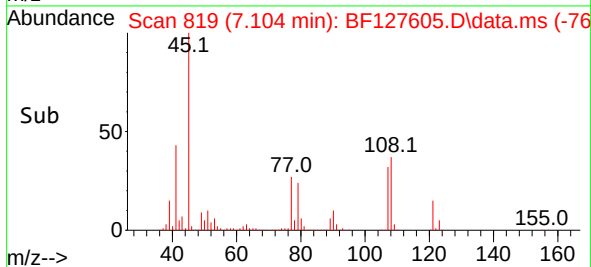
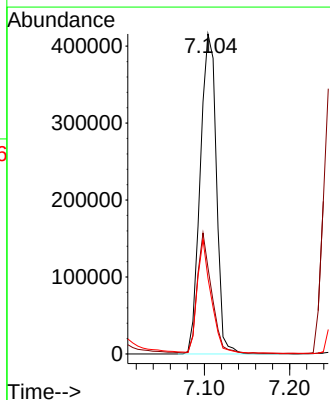
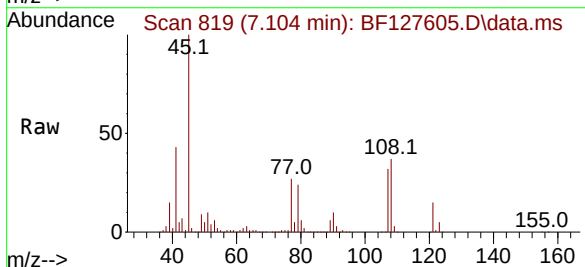
Instrument :
BNA_F
ClientSampleId :
SP5854

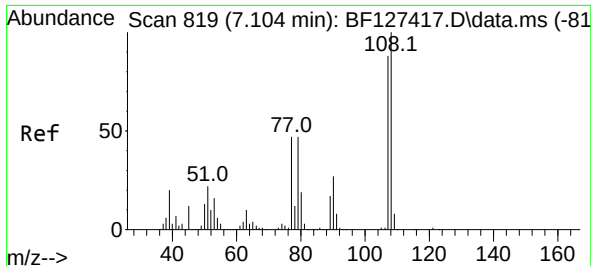
Tgt Ion: 79 Resp: 296399
Ion Ratio Lower Upper
79 100
108 71.0 52.2 78.2
77 60.3 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.958 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion: 45 Resp: 546362
Ion Ratio Lower Upper
45 100
77 27.0 0.0 32.9
79 23.7 0.0 29.9





#17

2-Methylphenol

Concen: 51.474 ng

RT: 7.098 min Scan# 819

Delta R.T. 0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

Tgt Ion:107 Resp: 242828

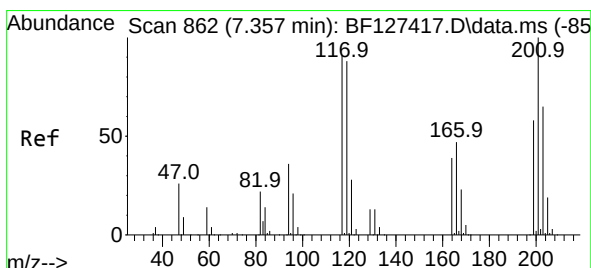
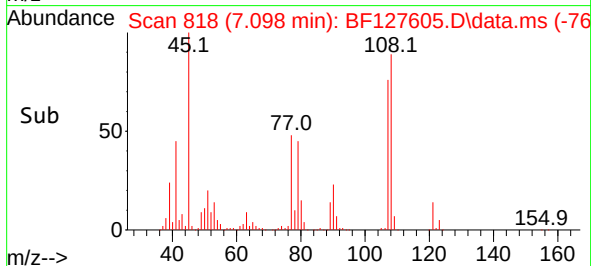
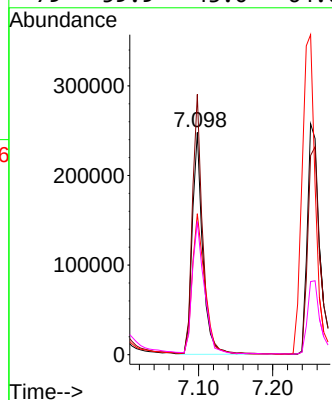
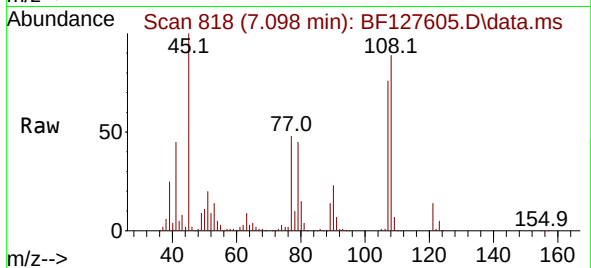
Ion Ratio Lower Upper

107 100

108 117.1 90.7 136.1

77 63.4 42.9 64.3

79 59.9 43.0 64.6



#18

Hexachloroethane

Concen: 51.824 ng

RT: 7.339 min Scan# 859

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

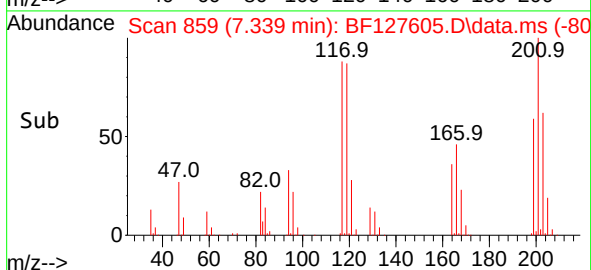
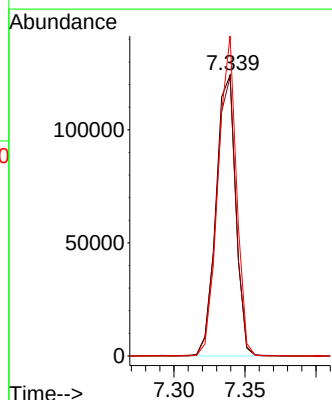
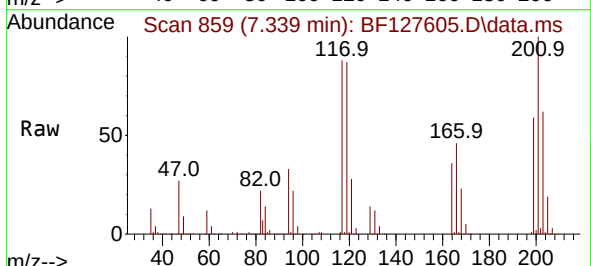
Tgt Ion:117 Resp: 119987

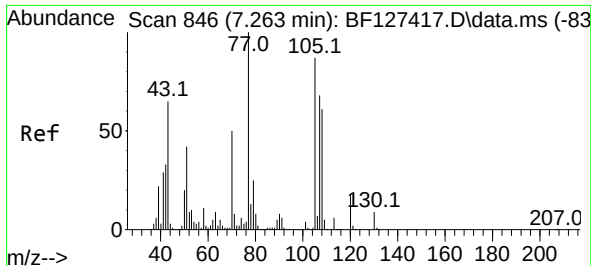
Ion Ratio Lower Upper

117 100

119 99.4 77.6 116.4

201 113.9 88.2 132.2



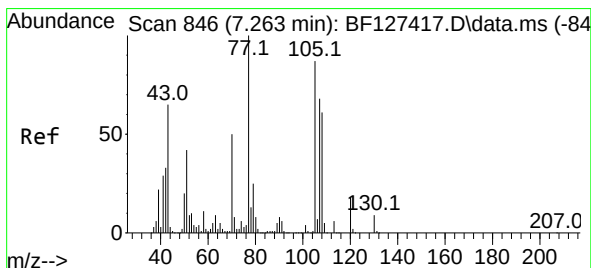
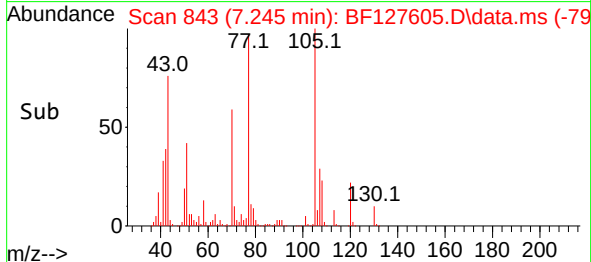
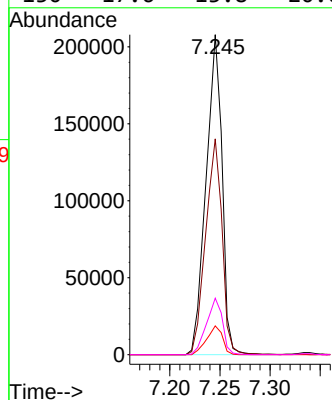
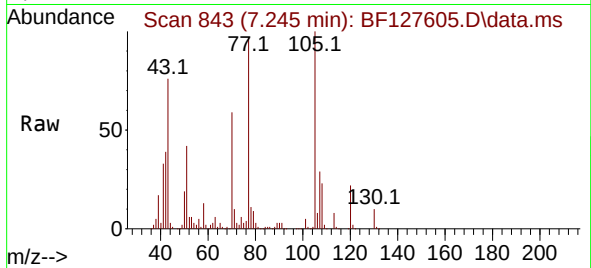


#19
n-Nitroso-di-n-propylamine
Concen: 51.672 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Instrument :
BNA_F
ClientSampleId :
SP5854

Tgt Ion: 70 Resp: 231591

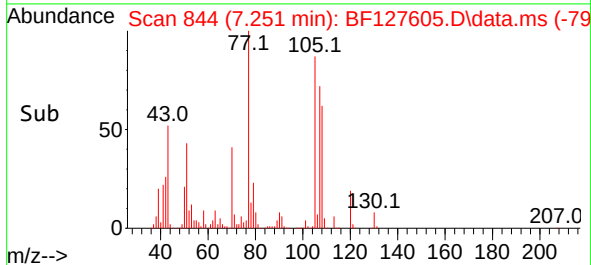
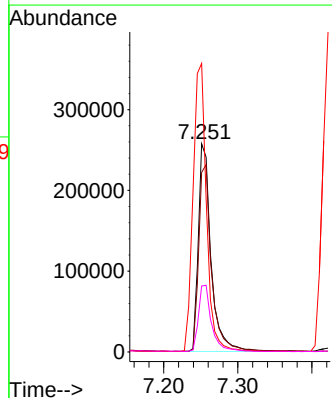
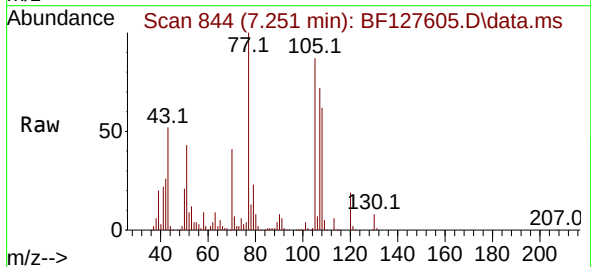
Ion	Ratio	Lower	Upper
70	100		
42	67.4	53.0	79.6
101	9.0	6.8	10.2
130	17.6	13.8	20.6

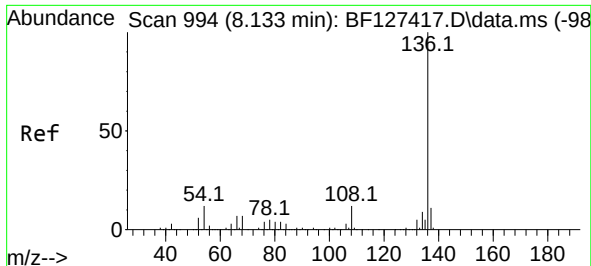


#20
3+4-Methylphenols
Concen: 52.825 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion: 107 Resp: 307367

Ion	Ratio	Lower	Upper
107	100		
108	86.2	70.7	110.7
77	138.6	127.9	167.9
79	31.7	16.8	56.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

Tgt Ion:136 Resp: 340542

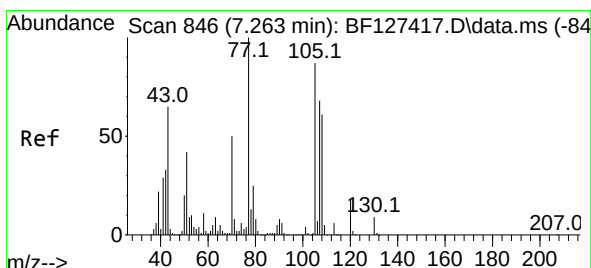
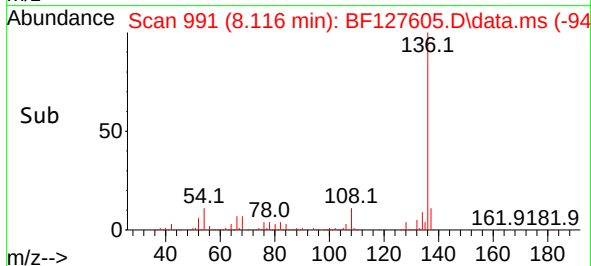
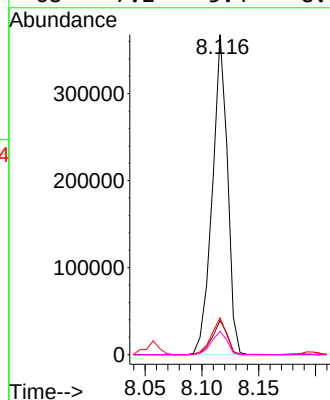
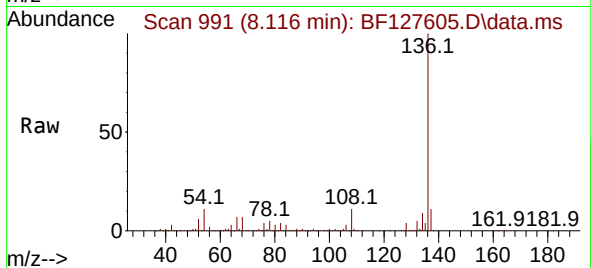
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 11.5 9.2 13.8

68 7.2 5.4 8.0



#22

Acetophenone

Concen: 45.864 ng

RT: 7.245 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Tgt Ion:105 Resp: 399250

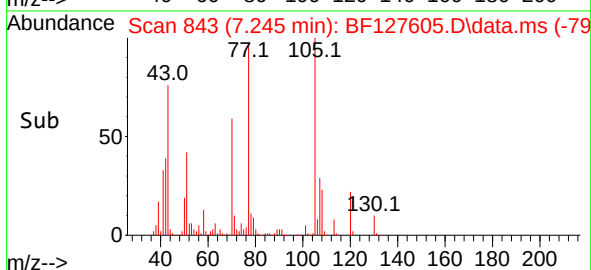
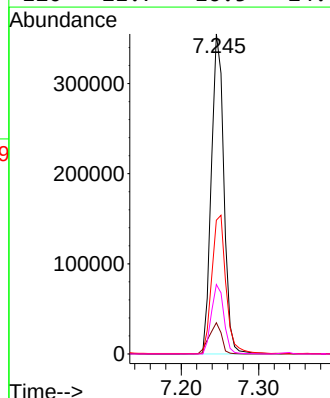
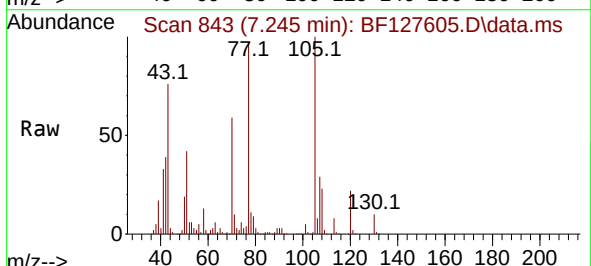
Ion Ratio Lower Upper

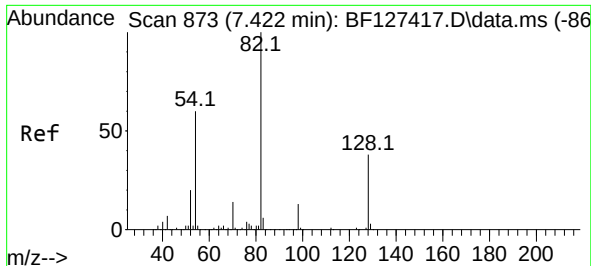
105 100

71 9.7 7.3 10.9

51 41.8 38.8 58.2

120 21.7 16.5 24.7

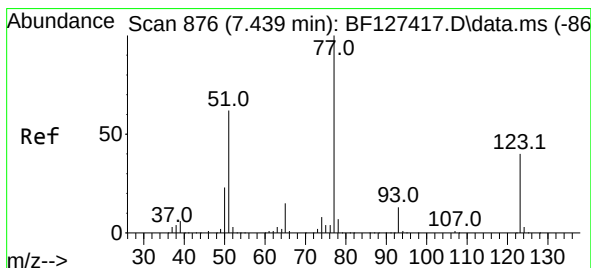
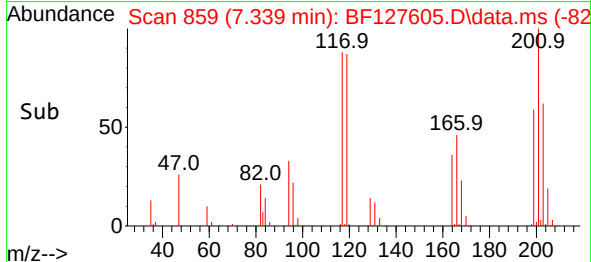
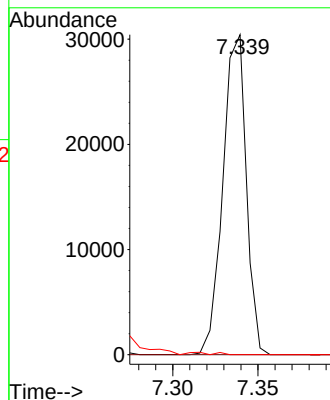
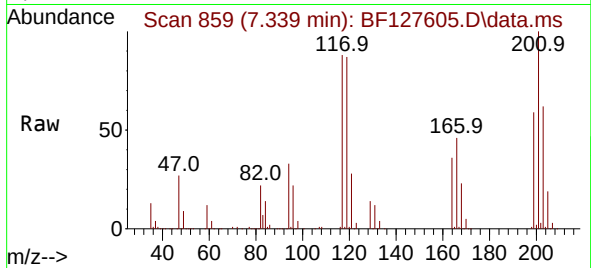




#23
Nitrobenzene-d5
Concen: 3.641 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.070 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

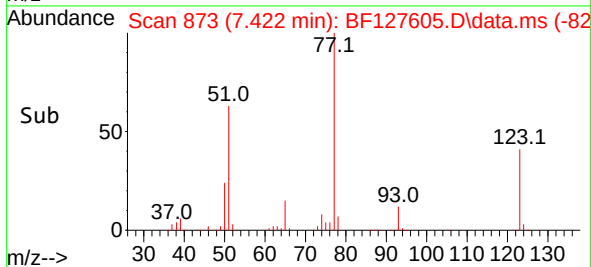
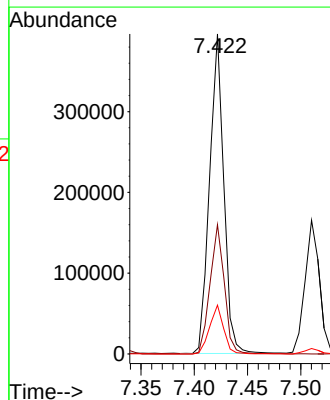
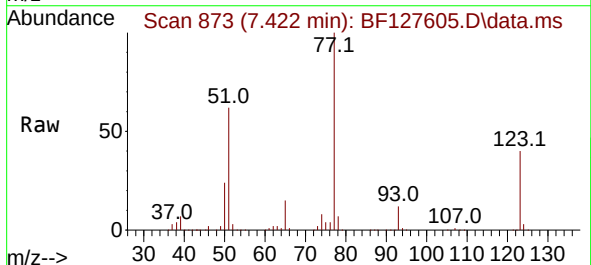
Instrument :
BNA_F
ClientSampleId :
SP5854

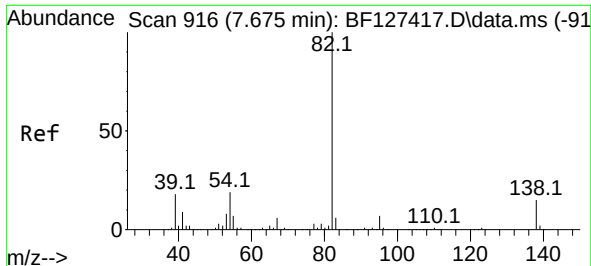
Tgt Ion: 82 Resp: 29010
Ion Ratio Lower Upper
82 100
128 0.0 30.6 45.8#
54 0.0 48.2 72.2#



#24
Nitrobenzene
Concen: 48.437 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion: 77 Resp: 368004
Ion Ratio Lower Upper
77 100
123 40.4 32.0 48.0
65 15.3 12.2 18.2

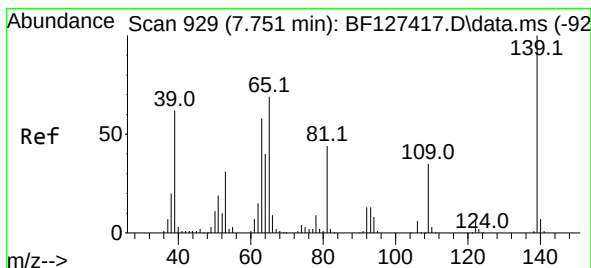
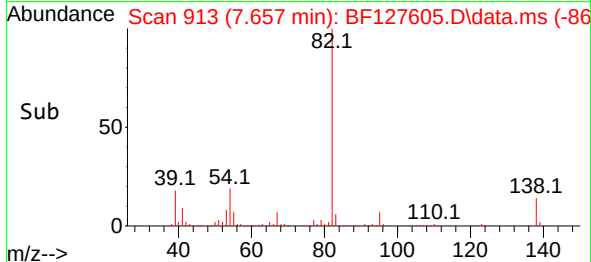
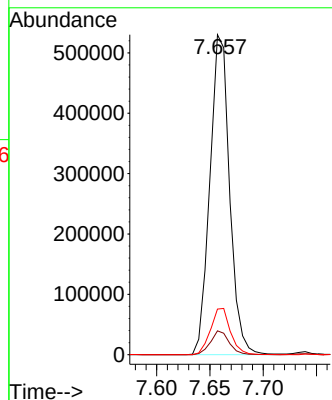
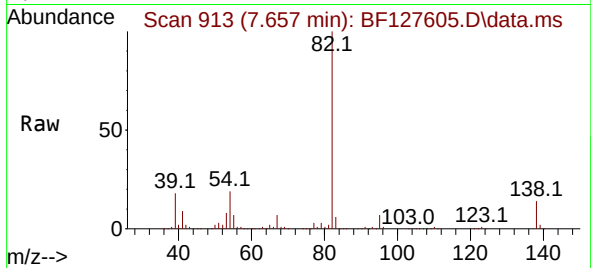




#25
Isophorone
Concen: 53.810 ng
RT: 7.657 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

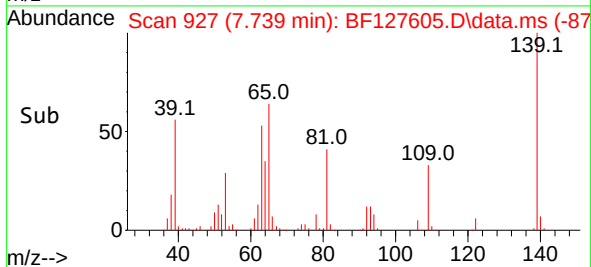
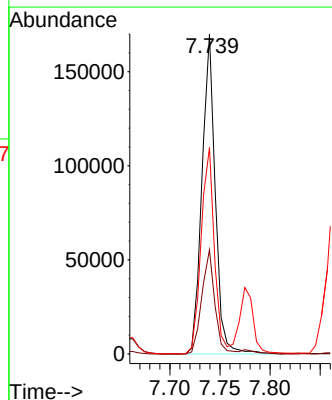
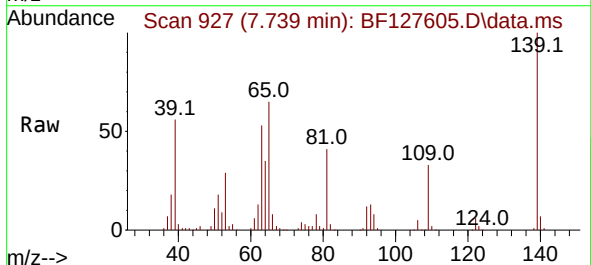
Instrument :
BNA_F
ClientSampleId :
SP5854

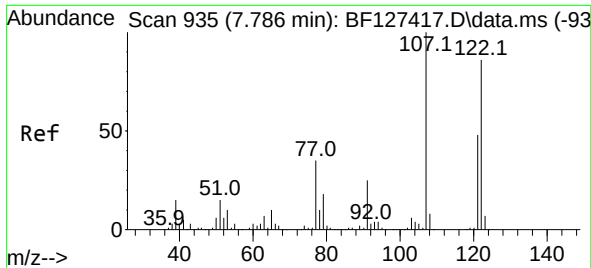
Tgt Ion: 82 Resp: 682771
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 14.3 11.6 17.4



#26
2-Nitrophenol
Concen: 49.509 ng
RT: 7.739 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:139 Resp: 157760
Ion Ratio Lower Upper
139 100
109 32.6 28.2 42.2
65 64.5 55.3 82.9

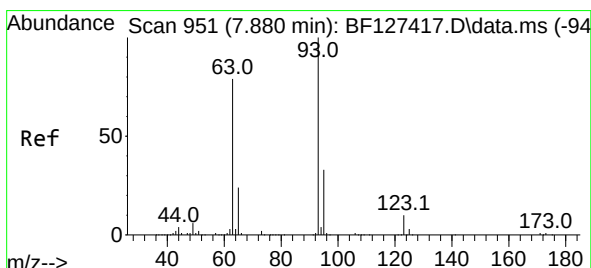
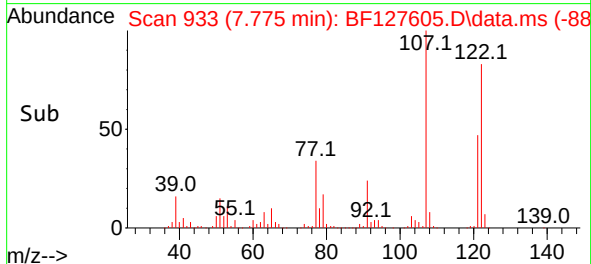
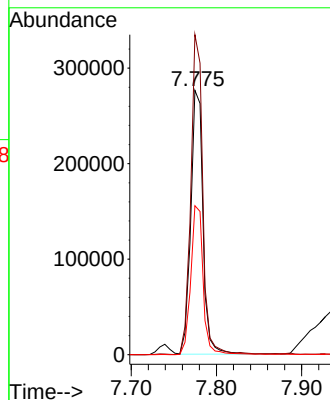
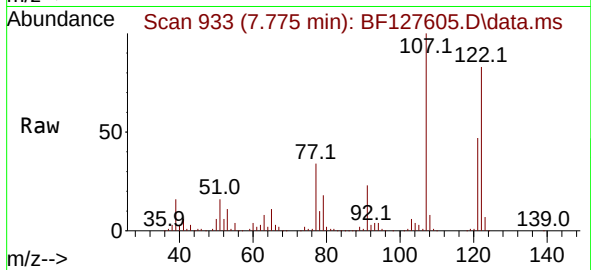




#27
2,4-Dimethylphenol
Concen: 57.250 ng
RT: 7.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

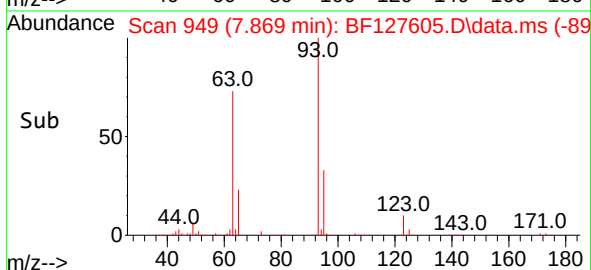
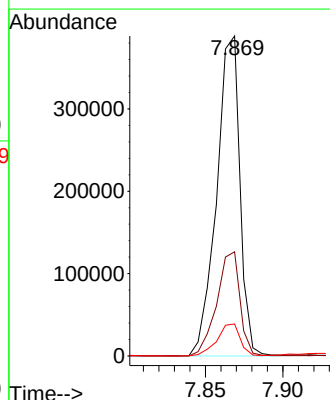
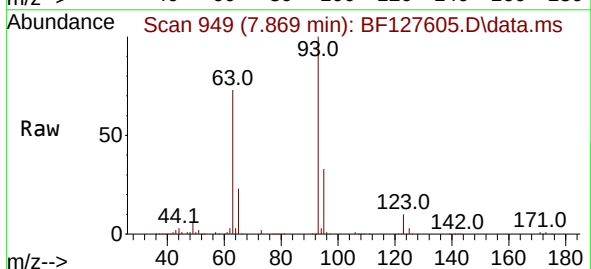
Instrument :
BNA_F
ClientSampleId :
SP5854

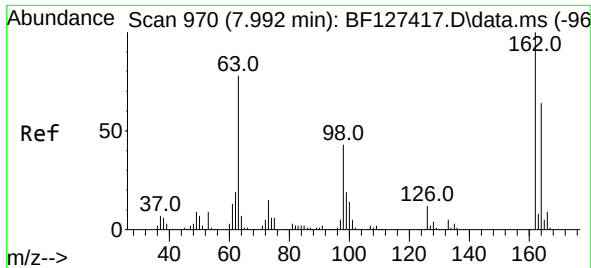
Tgt Ion:122 Resp: 274409
Ion Ratio Lower Upper
122 100
107 121.1 93.0 139.4
121 56.3 44.9 67.3



#28
bis(2-Chloroethoxy)methane
Concen: 49.364 ng
RT: 7.869 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion: 93 Resp: 406887
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 48.132 ng

RT: 7.986 min Scan# 9

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

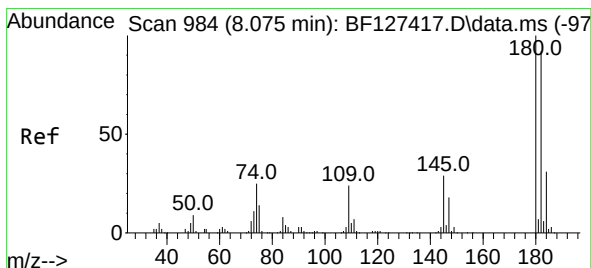
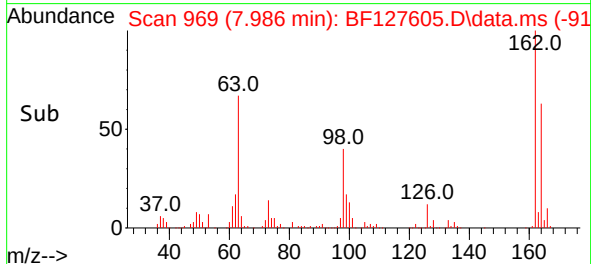
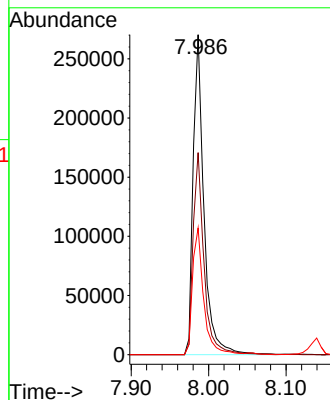
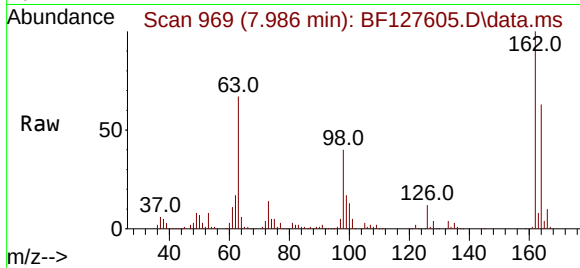
Tgt Ion:162 Resp: 261906

Ion Ratio Lower Upper

162 100

164 63.1 43.7 83.7

98 39.6 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 45.309 ng

RT: 8.057 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

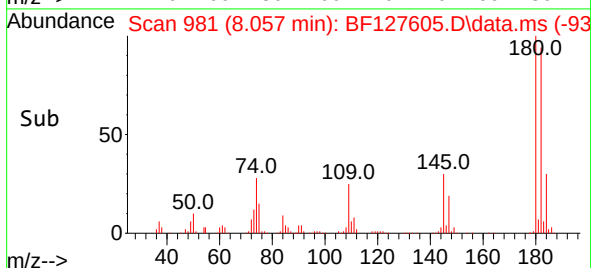
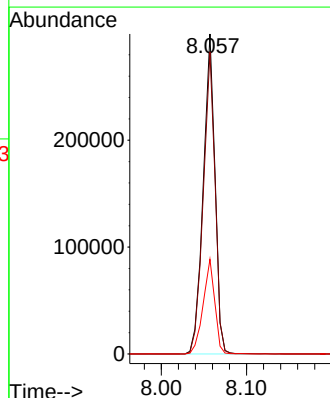
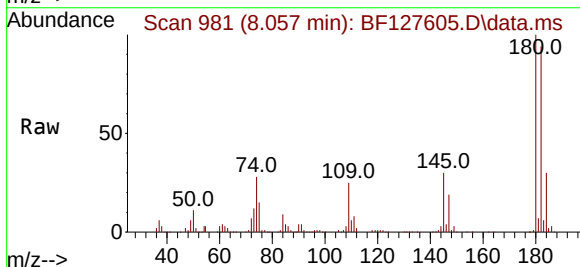
Tgt Ion:180 Resp: 287290

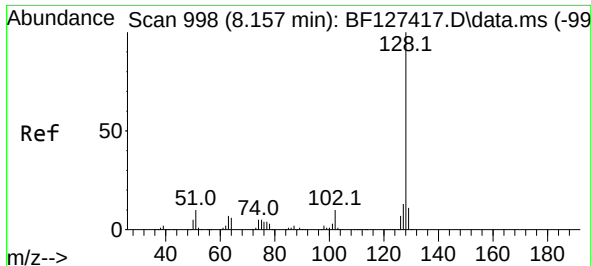
Ion Ratio Lower Upper

180 100

182 94.4 73.8 110.6

145 29.6 23.3 34.9

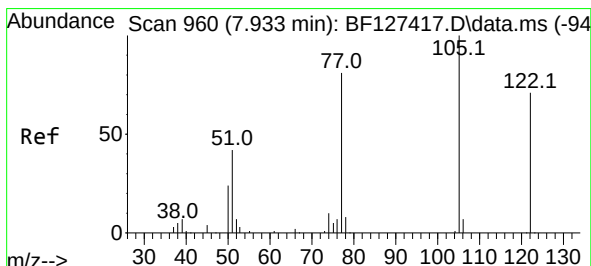
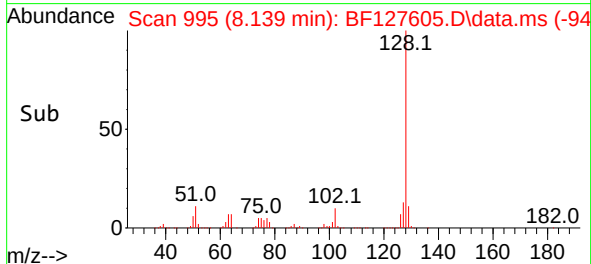
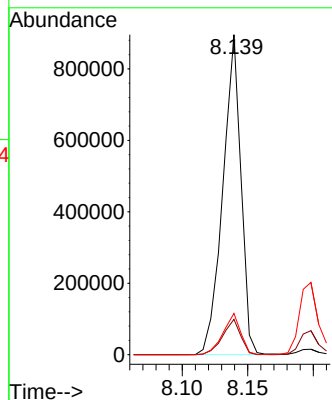
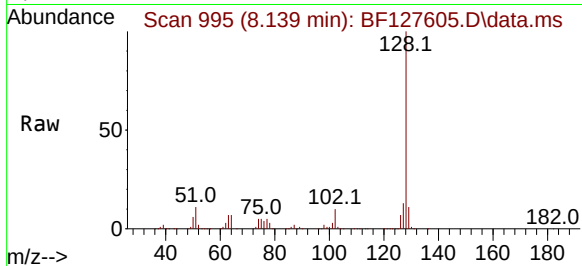




#31
Naphthalene
Concen: 47.506 ng
RT: 8.139 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

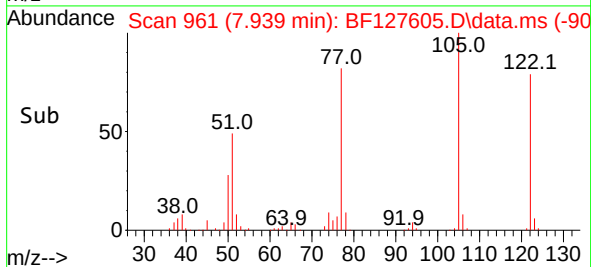
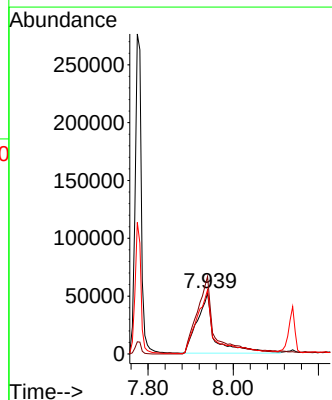
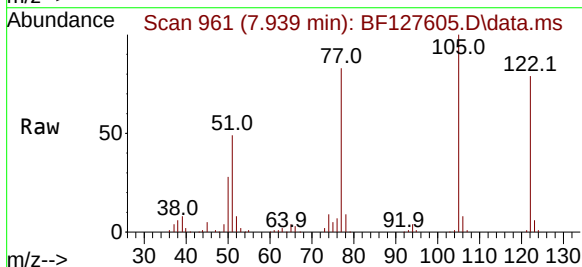
Instrument :
BNA_F
ClientSampleId :
SP5854

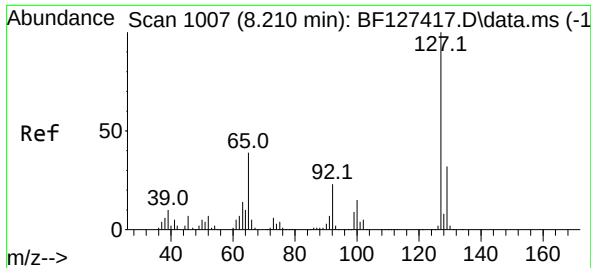
Tgt Ion:128 Resp: 858905
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 12.9 10.2 15.2



#32
Benzoic acid
Concen: 53.088 ng
RT: 7.939 min Scan# 961
Delta R.T. 0.012 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:122 Resp: 148263
Ion Ratio Lower Upper
122 100
105 127.0 117.1 157.1
77 105.2 93.0 133.0

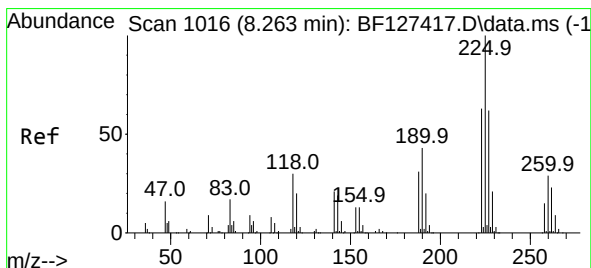
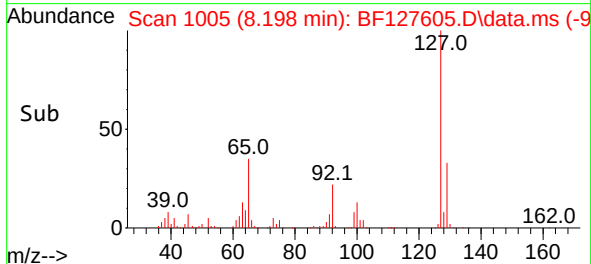
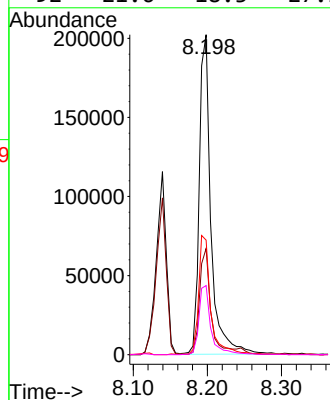
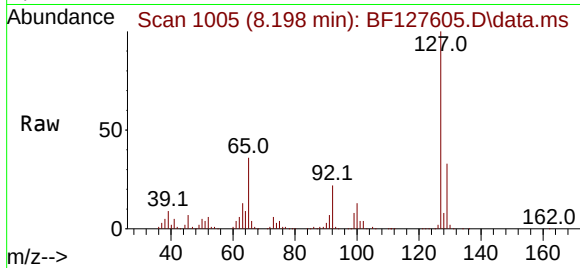




#33
4-Chloroaniline
Concen: 31.467 ng
RT: 8.198 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

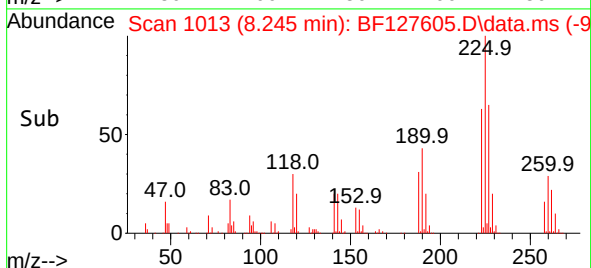
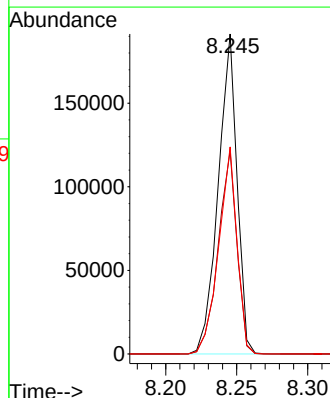
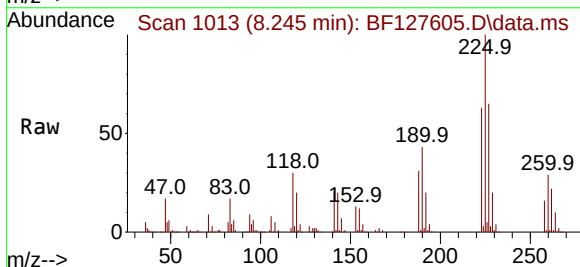
Instrument :
BNA_F
ClientSampleId :
SP5854

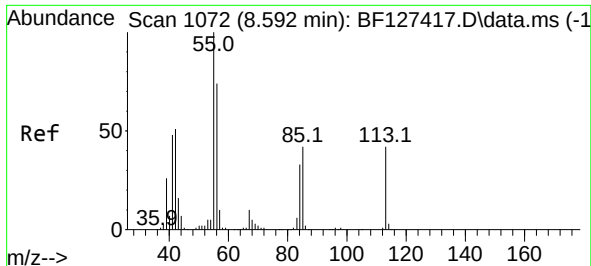
Tgt Ion:	127	Resp:	220456
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	35.8	31.4	47.0
92	21.6	18.3	27.5



#34
Hexachlorobutadiene
Concen: 43.758 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:	225	Resp:	176189
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	64.7	49.6	74.4

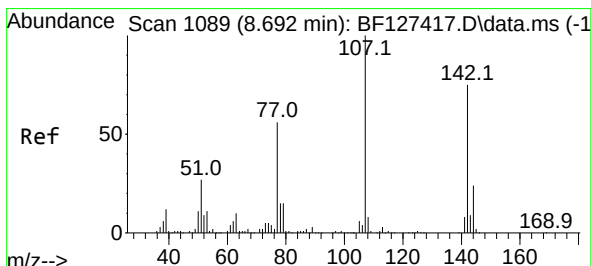
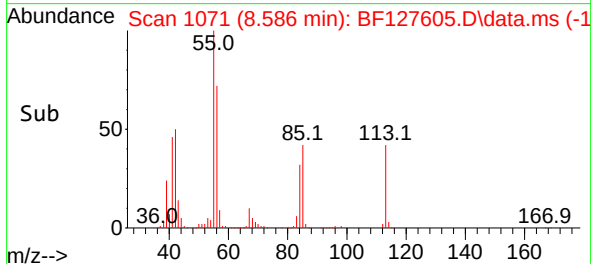
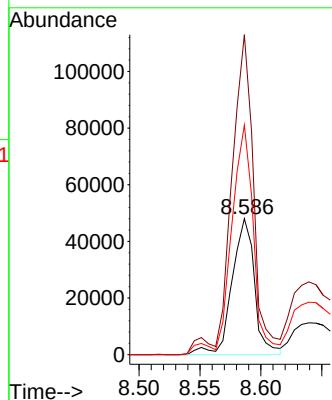
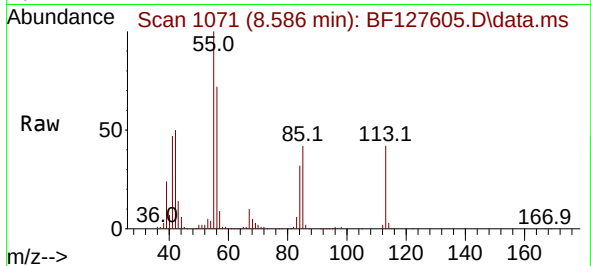




#35
 Caprolactam
 Concen: 36.829 ng
 RT: 8.586 min Scan# 1071
 Delta R.T. 0.000 min
 Lab File: BF127605.D
 Acq: 31 Mar 2022 15:46

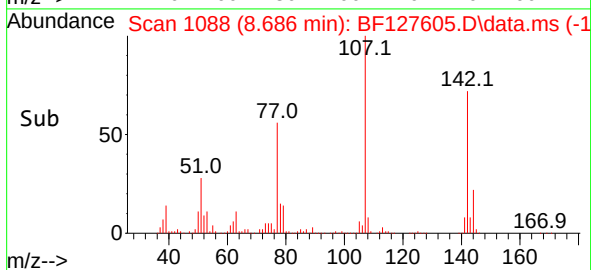
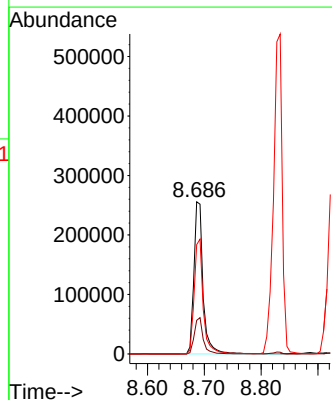
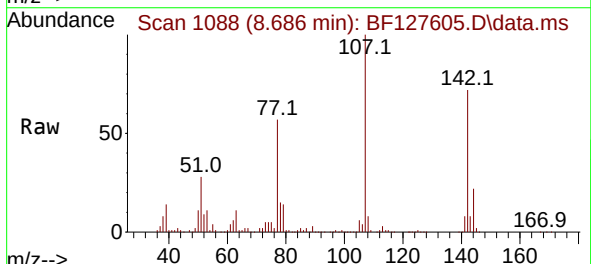
Instrument :
 BNA_F
 ClientSampleId :
 SP5854

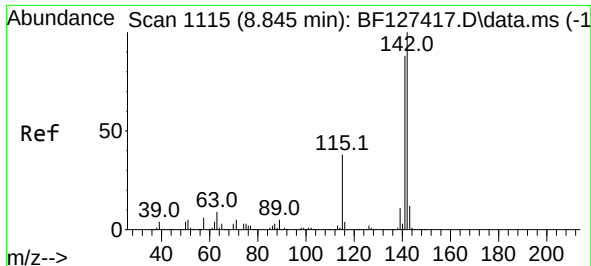
Tgt Ion:113 Resp: 61781
 Ion Ratio Lower Upper
 113 100
 55 235.4 218.7 258.7
 56 168.9 156.2 196.2



#36
 4-Chloro-3-methylphenol
 Concen: 48.786 ng
 RT: 8.686 min Scan# 1088
 Delta R.T. 0.006 min
 Lab File: BF127605.D
 Acq: 31 Mar 2022 15:46

Tgt Ion:107 Resp: 288019
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.3 28.9
 142 71.8 59.8 89.8

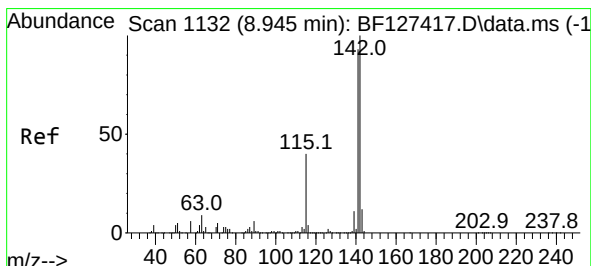
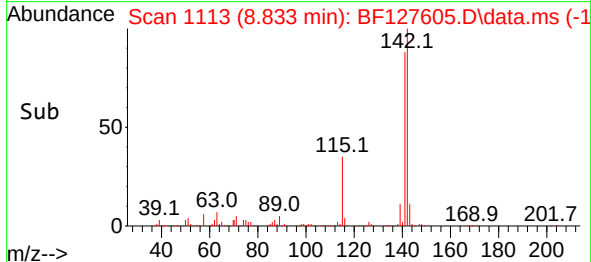
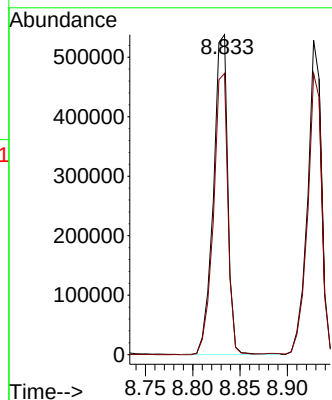
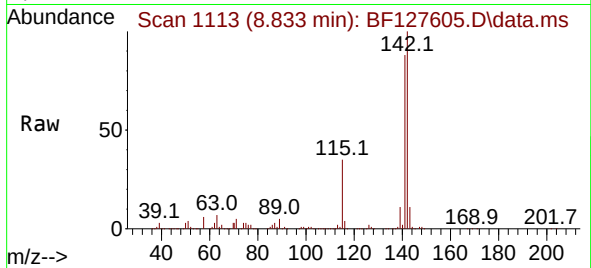




#37
2-Methylnaphthalene
Concen: 48.862 ng
RT: 8.833 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

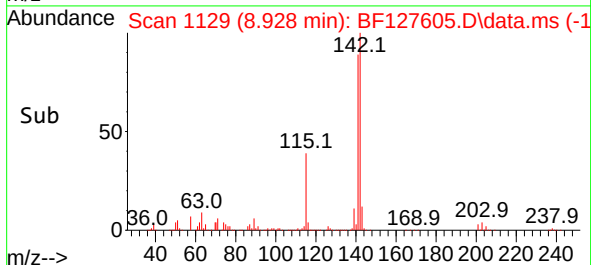
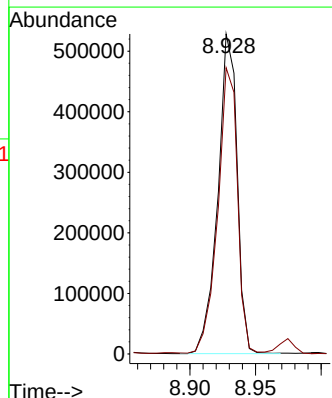
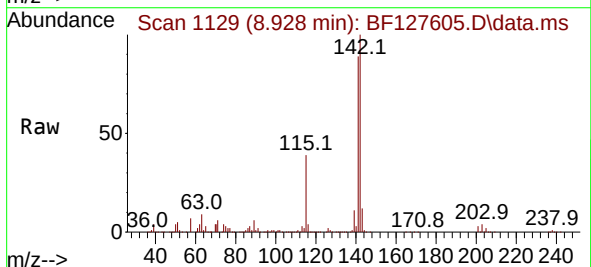
Instrument :
BNA_F
ClientSampleId :
SP5854

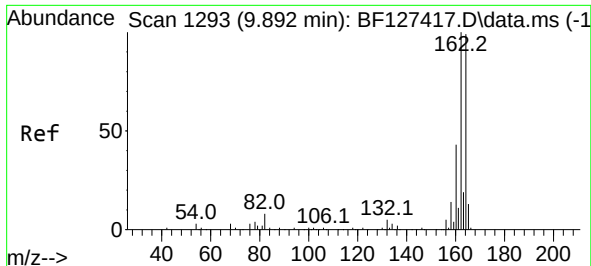
Tgt Ion:142 Resp: 568043
Ion Ratio Lower Upper
142 100
141 87.9 70.6 106.0



#38
1-Methylnaphthalene
Concen: 46.899 ng
RT: 8.928 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:142 Resp: 539128
Ion Ratio Lower Upper
142 100
141 89.4 74.2 111.2

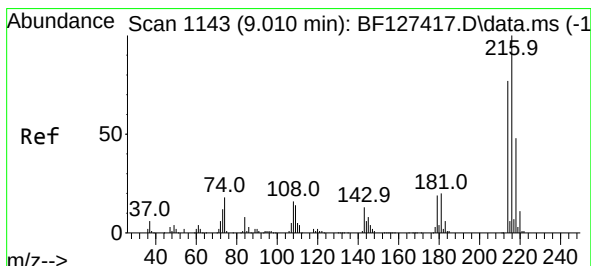
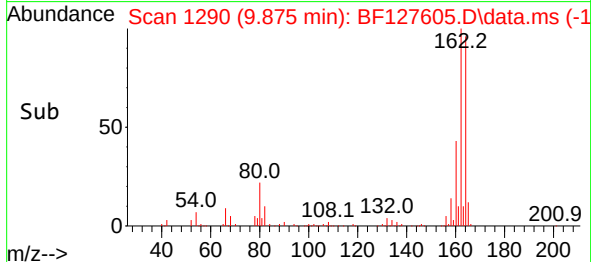
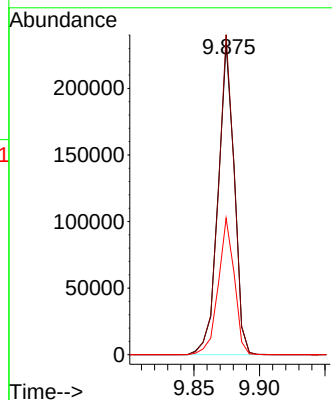
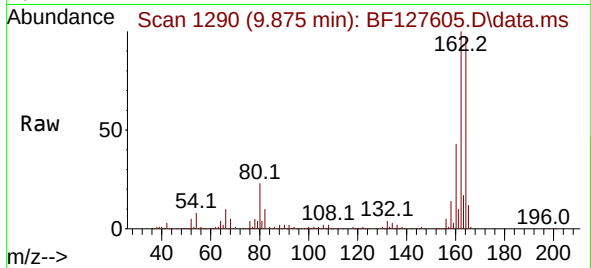




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

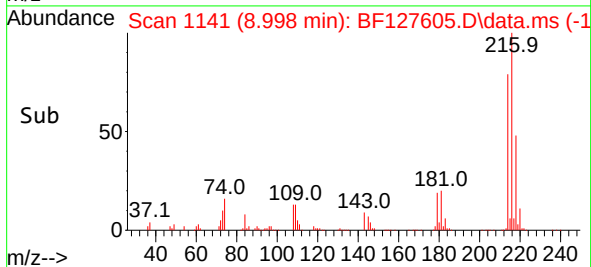
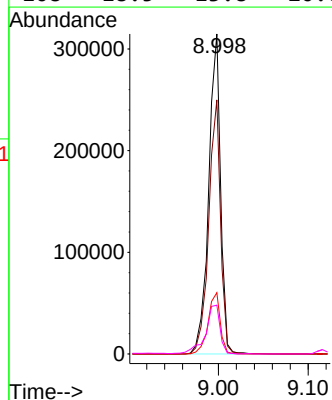
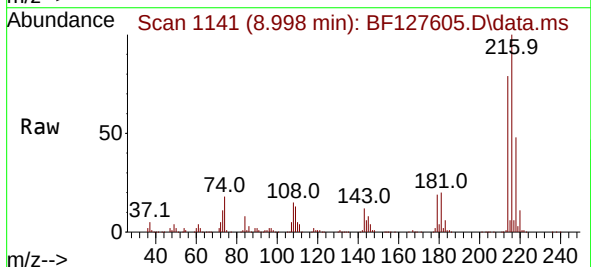
Instrument :
BNA_F
ClientSampleId :
SP5854

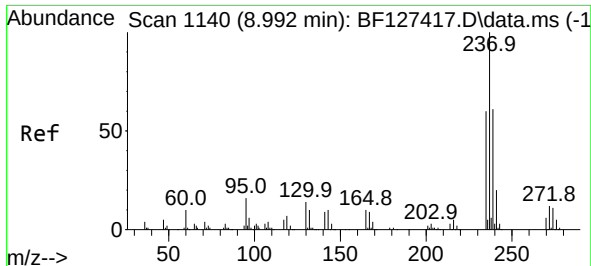
Tgt Ion:164 Resp: 199575
Ion Ratio Lower Upper
164 100
162 103.2 81.2 121.8
160 44.0 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.544 ng
RT: 8.998 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

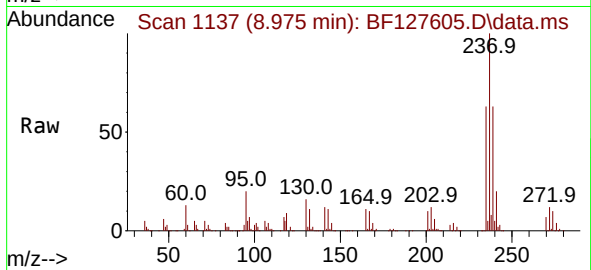
Tgt Ion:216 Resp: 289002
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.4
179 19.5 15.5 23.3
108 18.5 13.8 20.6



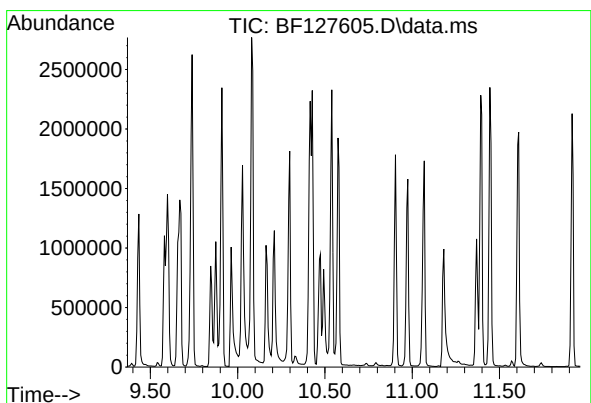
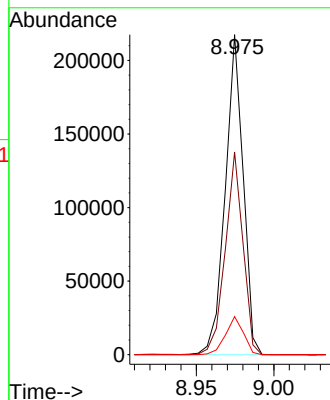
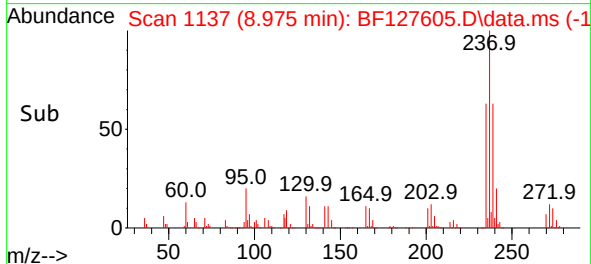


#41
Hexachlorocyclopentadiene
Concen: 79.823 ng
RT: 8.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Instrument :
BNA_F
ClientSampleId :
SP5854



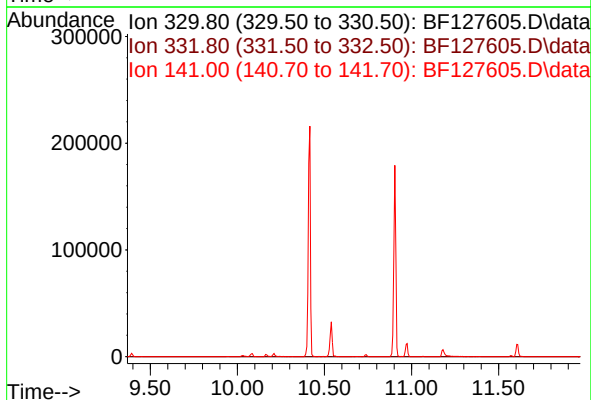
Tgt Ion:237 Resp: 174695
Ion Ratio Lower Upper
237 100
235 63.4 40.4 80.4
272 11.9 0.0 31.8

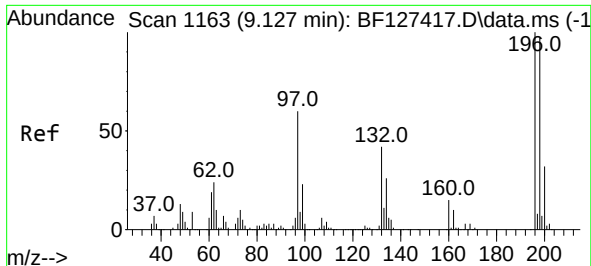


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.67 min

Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion: 330
Sig Exp Ratio
330 100
332 98.9
141 32.8





#43

2,4,6-Trichlorophenol

Concen: 45.957 ng

RT: 9.116 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

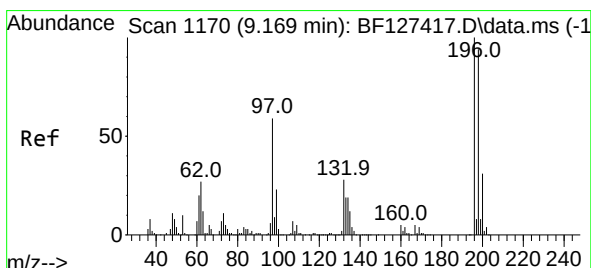
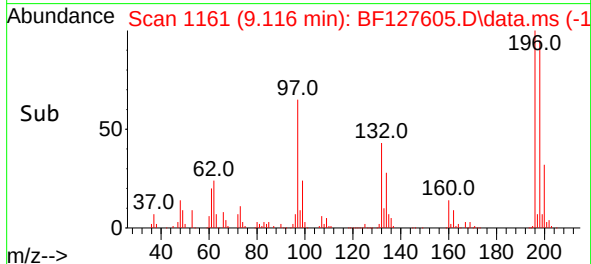
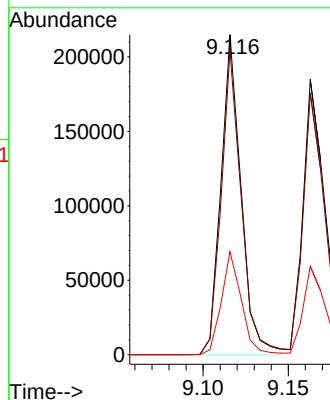
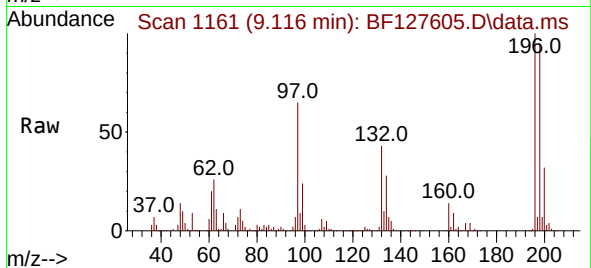
Tgt Ion:196 Resp: 176277

Ion Ratio Lower Upper

196 100

198 95.0 77.8 116.6

200 32.2 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 48.912 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Tgt Ion:196 Resp: 193127

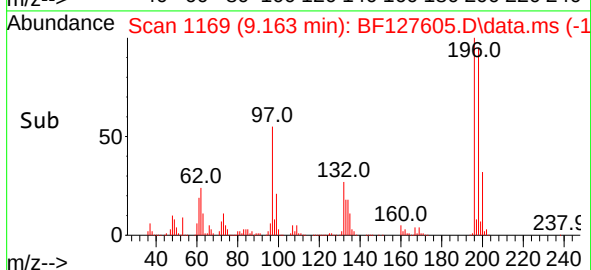
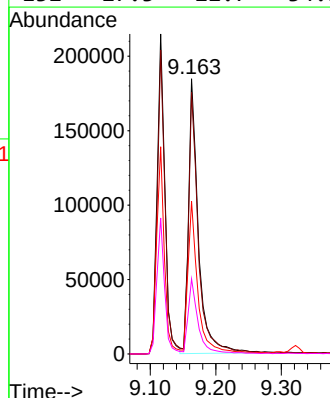
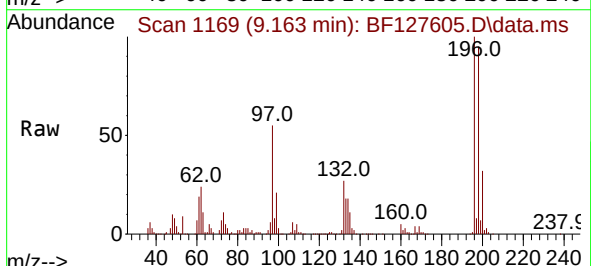
Ion Ratio Lower Upper

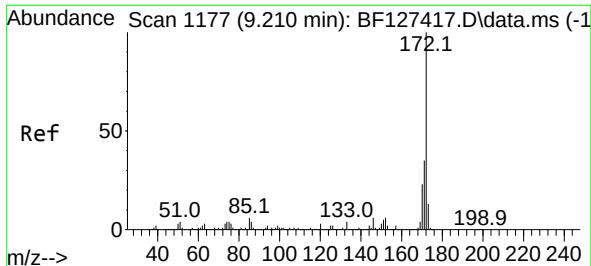
196 100

198 95.0 75.3 112.9

97 55.4 46.8 70.2

132 27.3 22.7 34.1

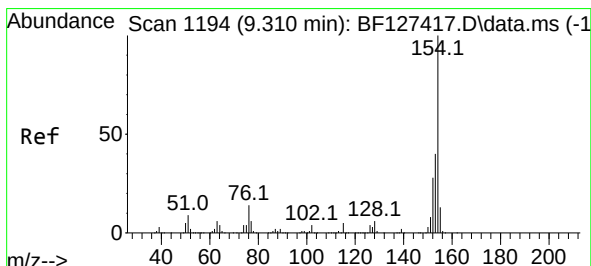
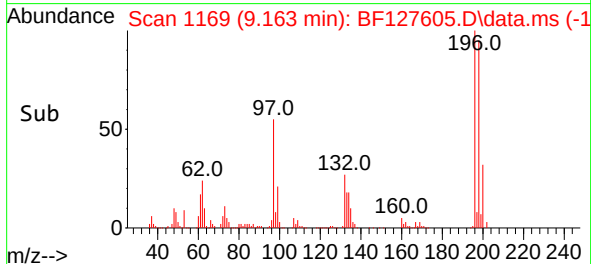
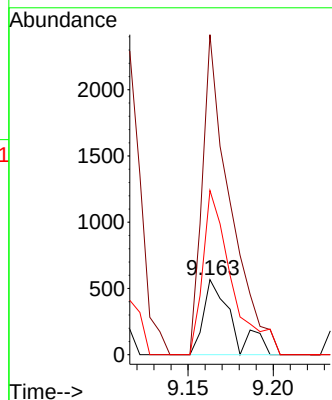
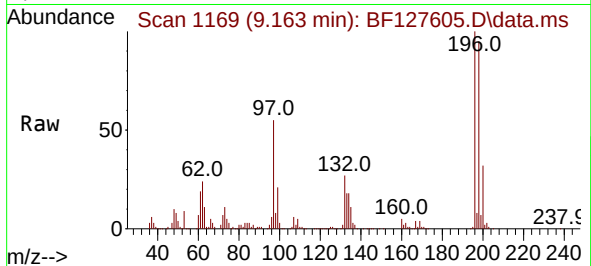




#45
2-Fluorobiphenyl
Concen: 0.048 ng
RT: 9.163 min Scan# 1119
Delta R.T. -0.029 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

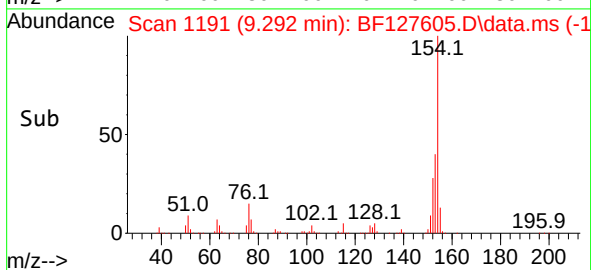
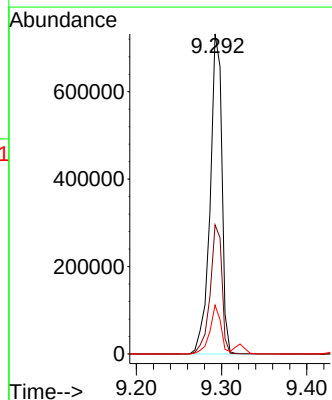
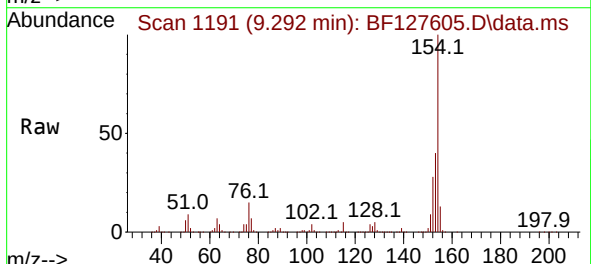
Instrument :
BNA_F
ClientSampleId :
SP5854

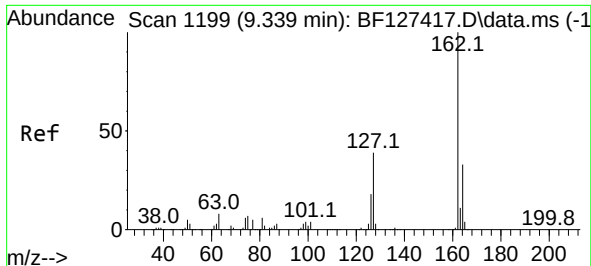
Tgt Ion:172 Resp: 653
Ion Ratio Lower Upper
172 100
171 426.1 28.4 42.6#
170 218.7 18.6 27.8#



#46
1,1'-Biphenyl
Concen: 46.651 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:154 Resp: 703171
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 15.2 0.0 33.9





#47

2-Chloronaphthalene

Concen: 46.398 ng

RT: 9.322 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

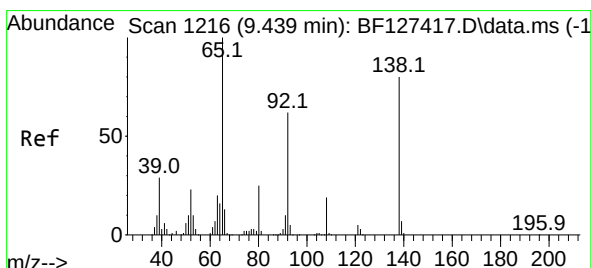
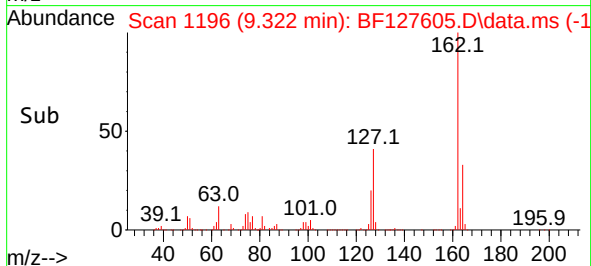
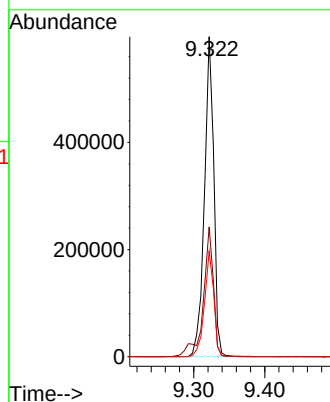
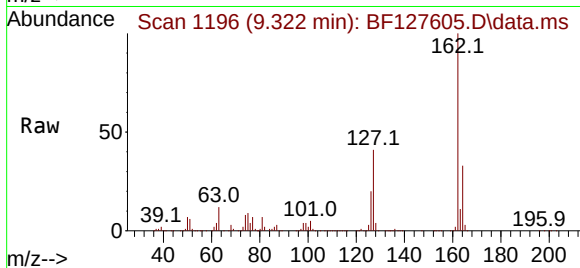
Tgt Ion:162 Resp: 550728

Ion Ratio Lower Upper

162 100

127 40.5 31.8 47.6

164 33.0 26.4 39.6



#48

2-Nitroaniline

Concen: 48.920 ng

RT: 9.433 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

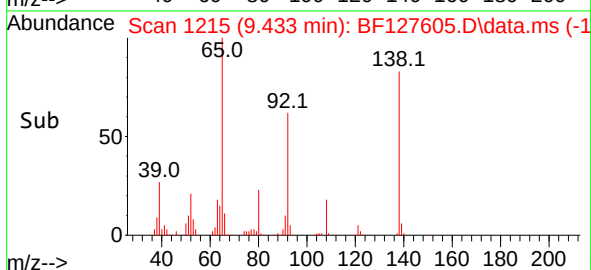
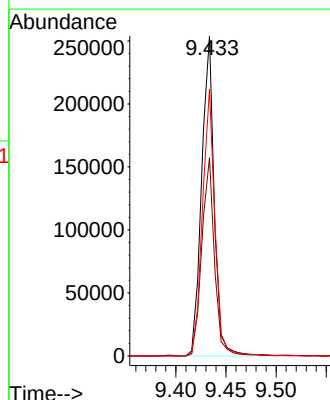
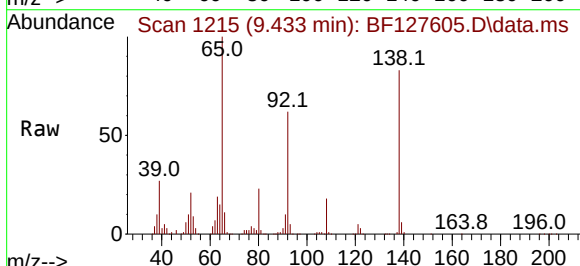
Tgt Ion: 65 Resp: 222543

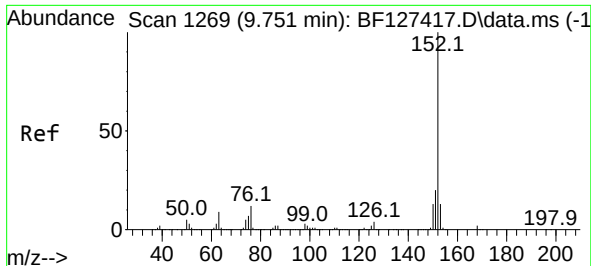
Ion Ratio Lower Upper

65 100

92 62.0 50.0 75.0

138 83.3 64.1 96.1

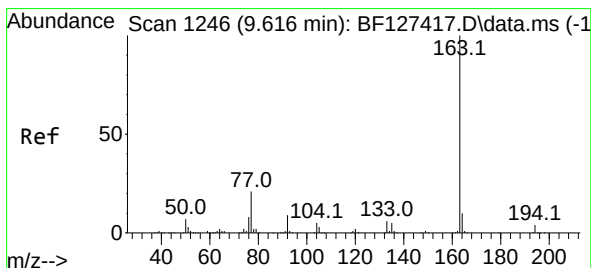
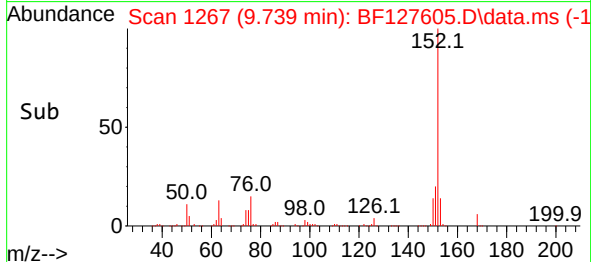
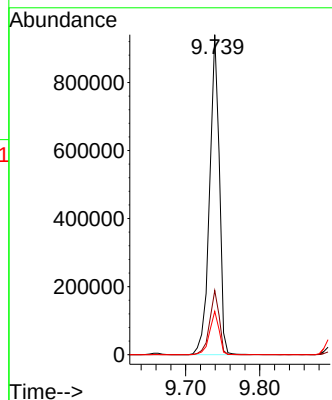
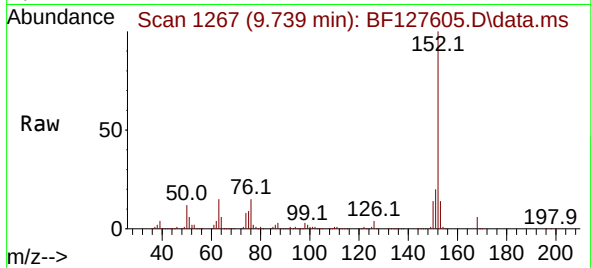




#49
Acenaphthylene
Concen: 47.899 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

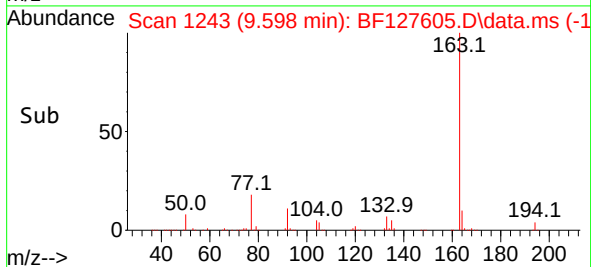
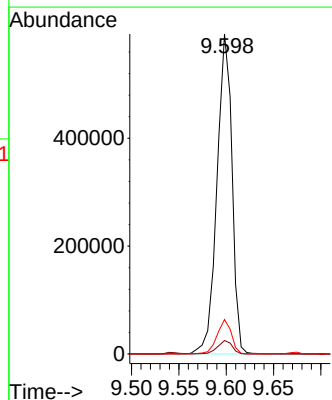
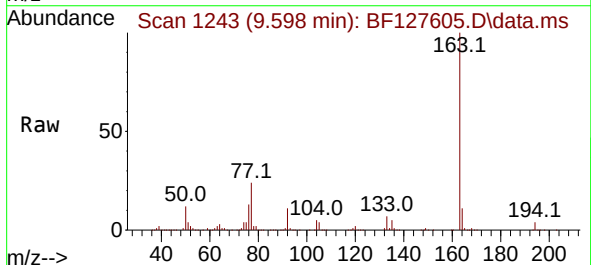
Instrument :
BNA_F
ClientSampleId :
SP5854

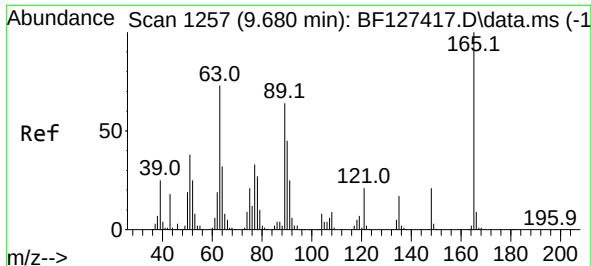
Tgt Ion:152 Resp: 859516
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.5 10.5 15.7



#50
Dimethylphthalate
Concen: 47.219 ng
RT: 9.598 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:163 Resp: 655598
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.7 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 49.442 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

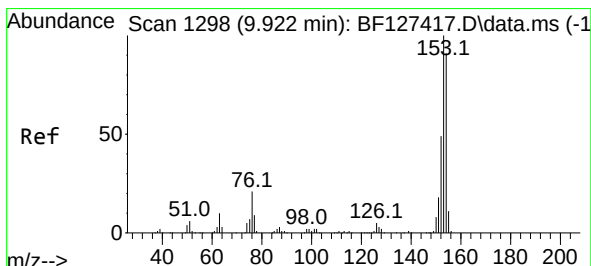
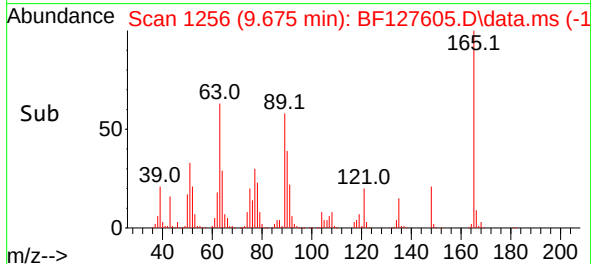
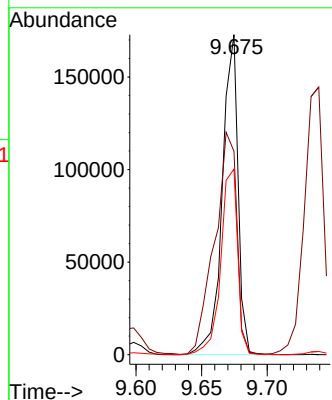
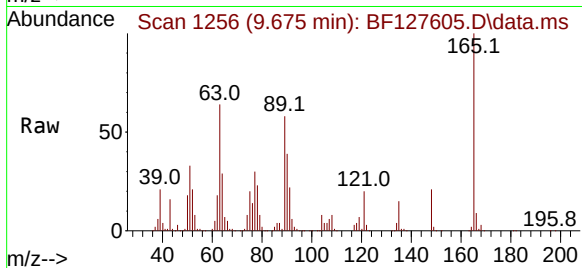
Tgt Ion:165 Resp: 144096

Ion Ratio Lower Upper

165 100

63 63.5 58.3 87.5

89 58.0 51.5 77.3



#52

Acenaphthene

Concen: 47.465 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

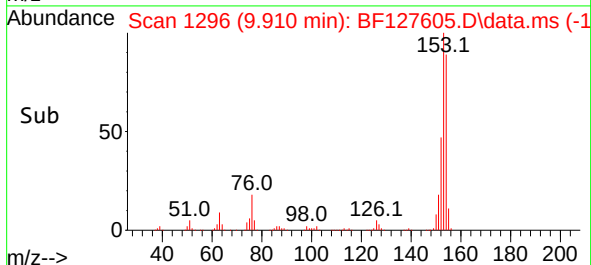
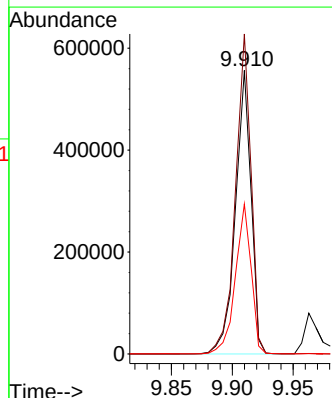
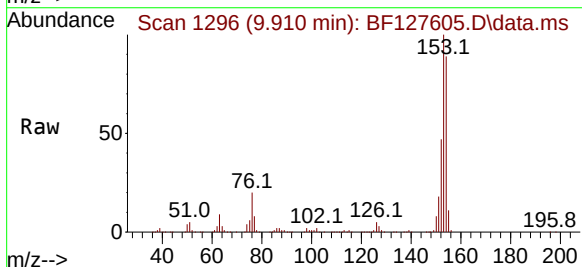
Tgt Ion:154 Resp: 496947

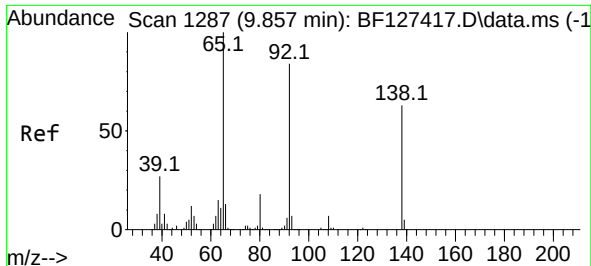
Ion Ratio Lower Upper

154 100

153 112.9 87.6 131.4

152 52.9 42.9 64.3

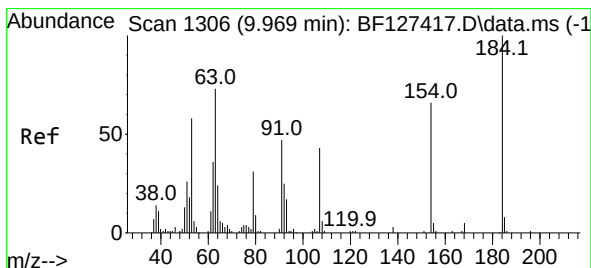
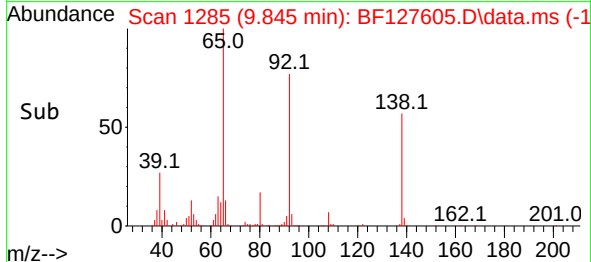
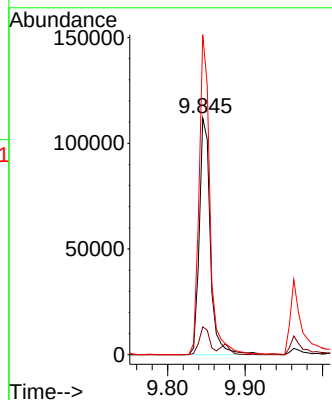
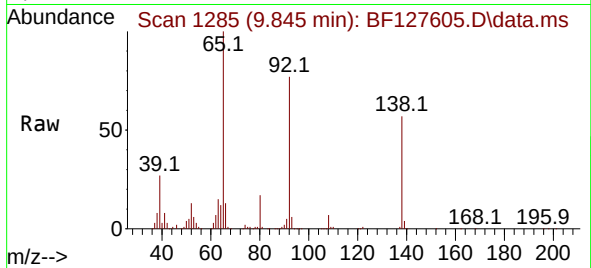




#53
3-Nitroaniline
Concen: 34.583 ng
RT: 9.845 min Scan# 110560
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

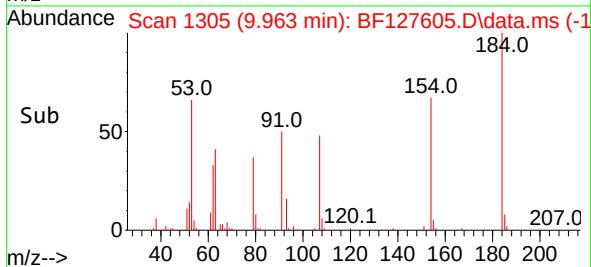
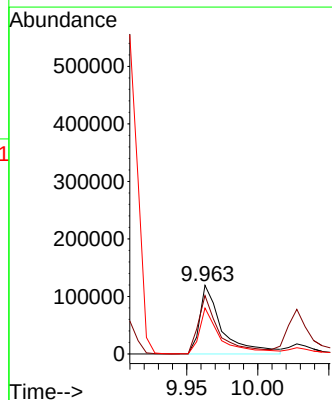
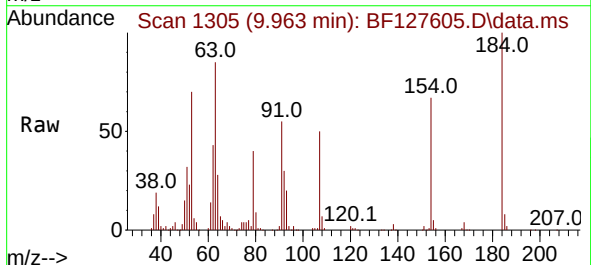
Instrument :
BNA_F
ClientSampleId :
SP5854

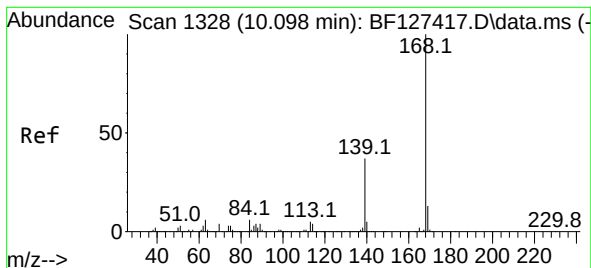
Tgt Ion:138 Resp: 110560
Ion Ratio Lower Upper
138 100
108 11.8 9.4 14.0
92 135.3 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 88.901 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:184 Resp: 132364
Ion Ratio Lower Upper
184 100
63 85.1 58.1 87.1
154 67.1 53.2 79.8





#55

Dibenzofuran

Concen: 47.044 ng

RT: 10.086 min Scan# 1326

Delta R.T. 0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

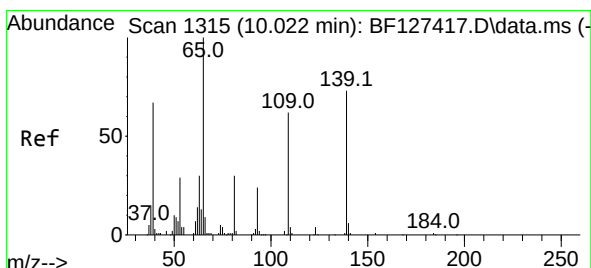
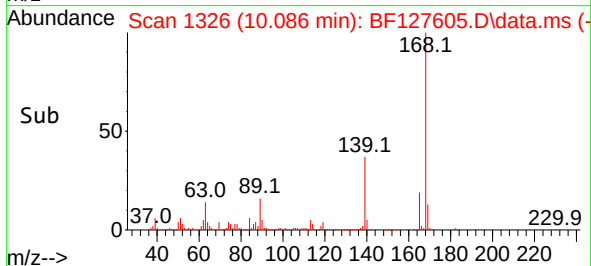
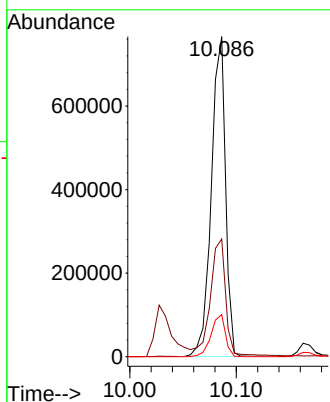
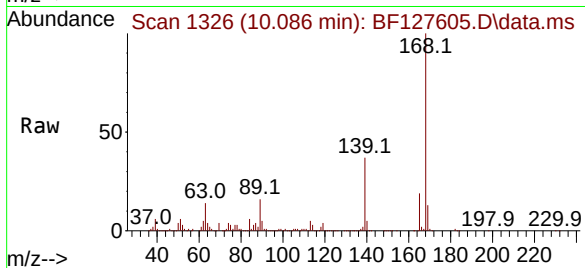
Tgt Ion:168 Resp: 708417

Ion Ratio Lower Upper

168 100

139 36.8 30.3 45.5

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 82.960 ng

RT: 10.028 min Scan# 1316

Delta R.T. 0.012 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

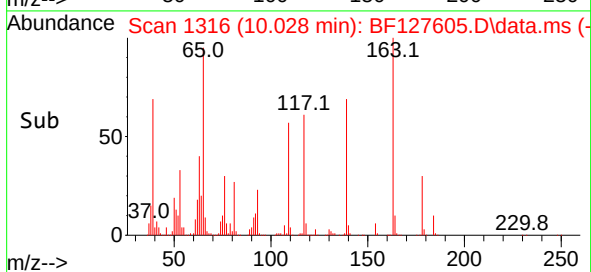
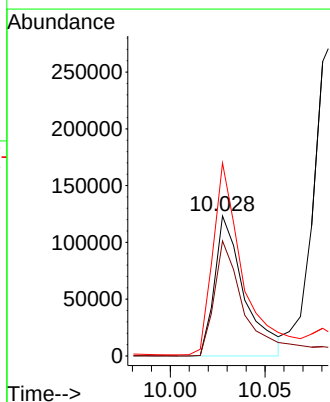
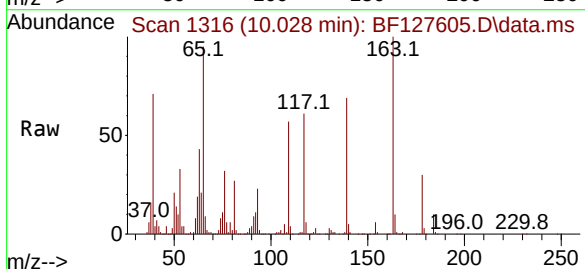
Tgt Ion:139 Resp: 134989

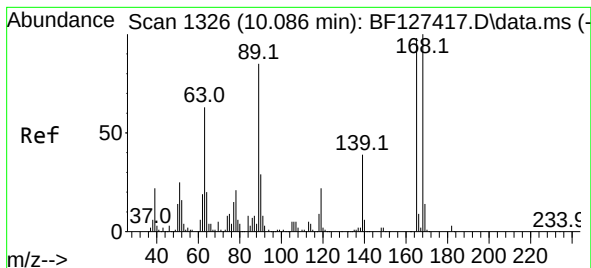
Ion Ratio Lower Upper

139 100

109 82.2 64.3 104.3

65 137.9 117.5 157.5

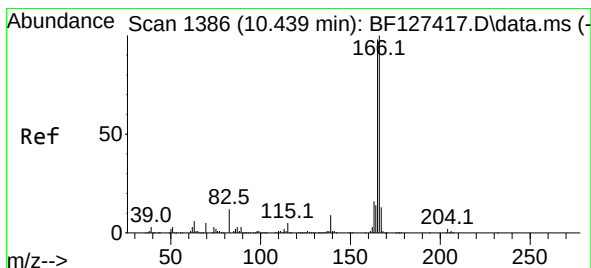
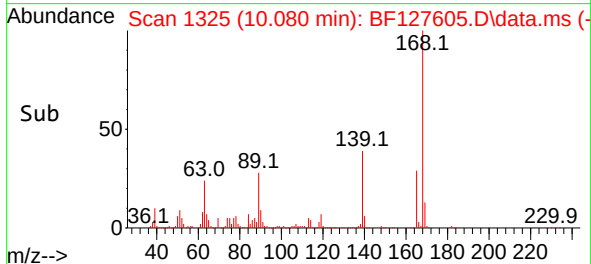
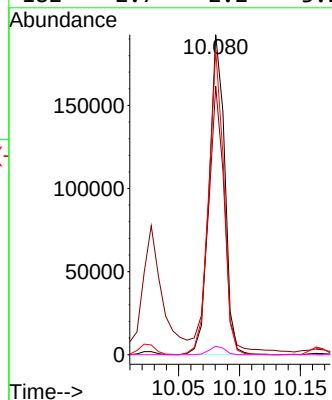
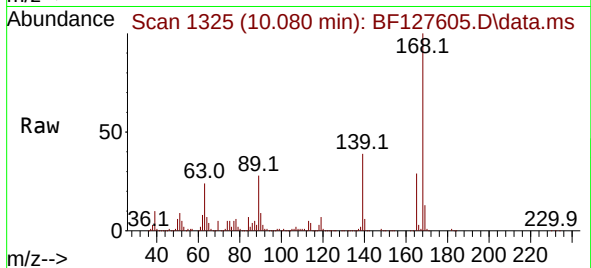




#57
2,4-Dinitrotoluene
Concen: 45.612 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

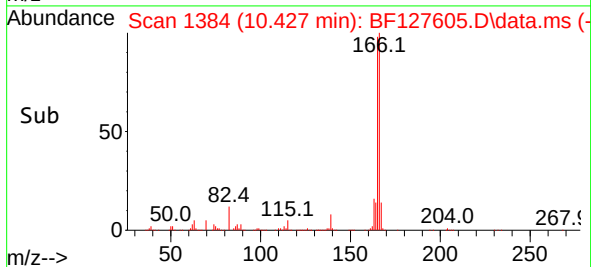
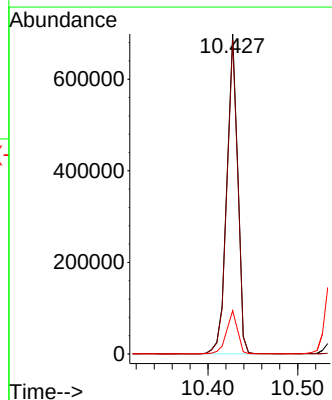
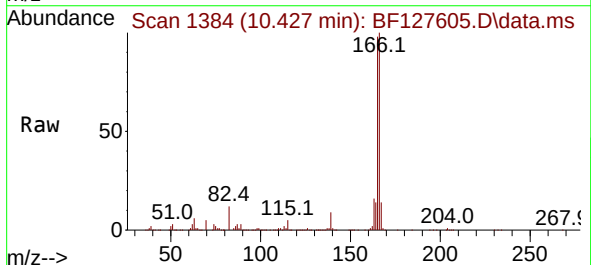
Instrument :
BNA_F
ClientSampleId :
SP5854

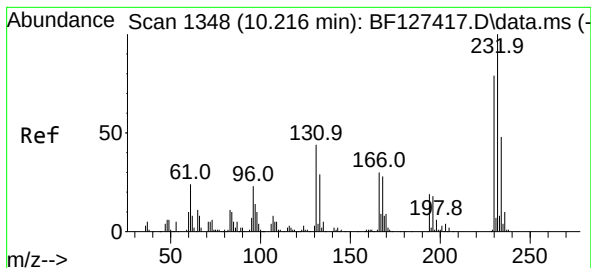
Tgt Ion:165 Resp: 171106
Ion Ratio Lower Upper
165 100
63 83.9 53.1 79.7#
89 95.2 69.2 103.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 49.072 ng
RT: 10.427 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:166 Resp: 592510
Ion Ratio Lower Upper
166 100
165 98.2 78.1 117.1
167 13.6 10.5 15.7

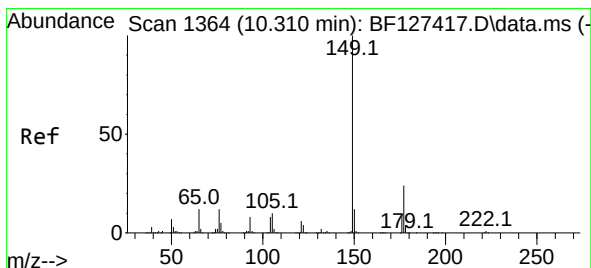
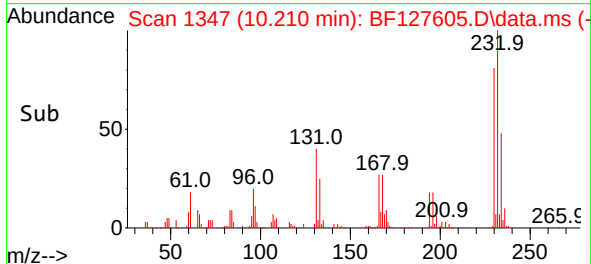
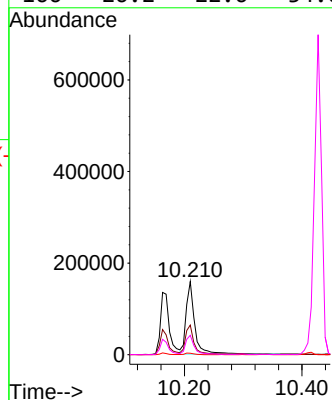
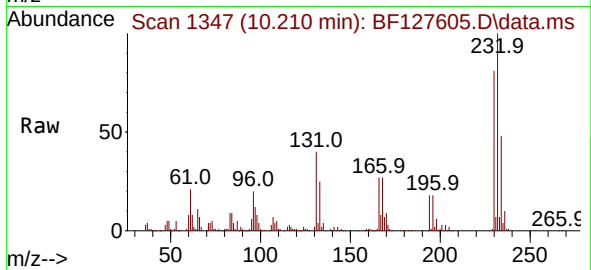




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.879 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

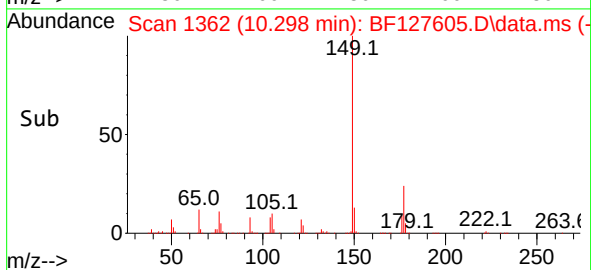
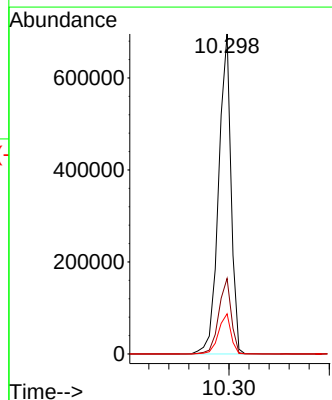
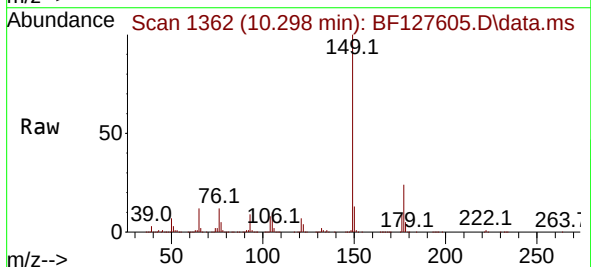
Instrument :
BNA_F
ClientSampleId :
SP5854

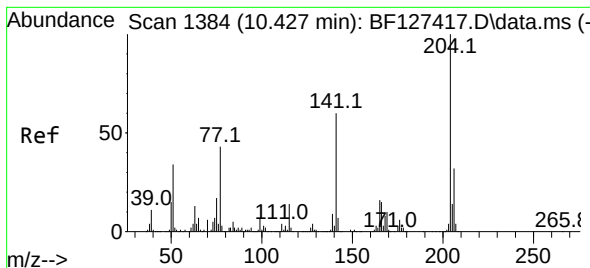
Tgt Ion:232 Resp: 163652
Ion Ratio Lower Upper
232 100
131 38.1 33.4 50.0
130 2.3 1.8 2.6
166 26.2 22.6 34.0



#60
Diethylphthalate
Concen: 46.966 ng
RT: 10.298 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:149 Resp: 595589
Ion Ratio Lower Upper
149 100
177 23.6 18.9 28.3
150 12.5 10.0 15.0

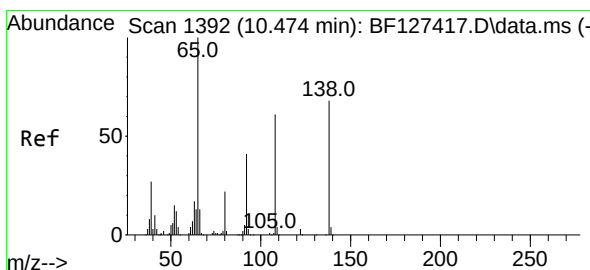
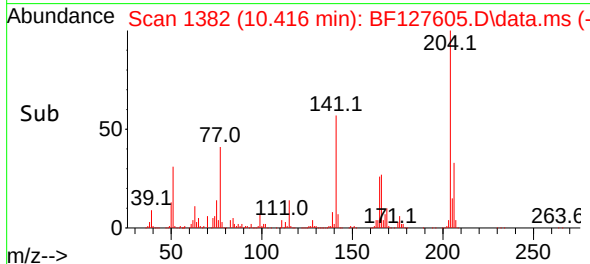
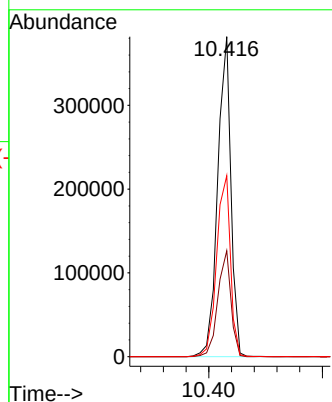
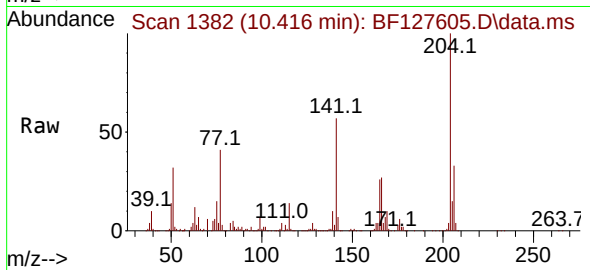




#61
4-Chlorophenyl-phenylether
Concen: 43.096 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

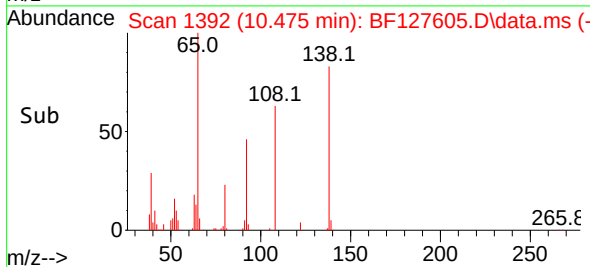
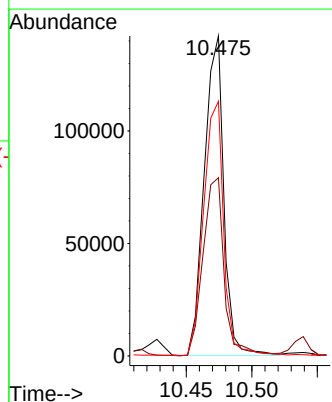
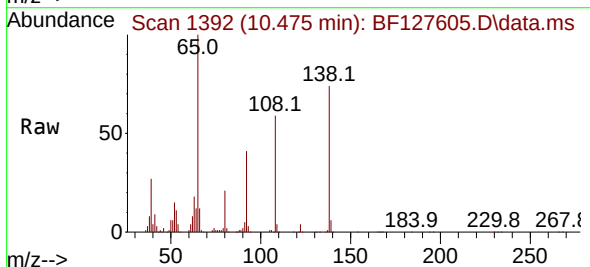
Instrument :
BNA_F
ClientSampleId :
SP5854

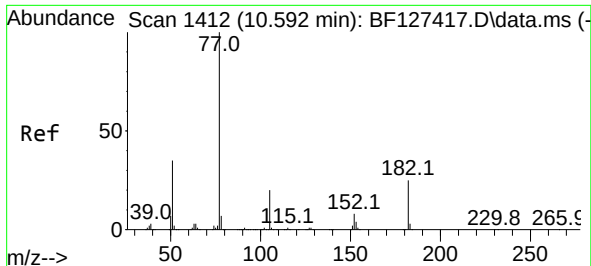
Tgt Ion:204 Resp: 309249
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 56.5 47.8 71.8



#62
4-Nitroaniline
Concen: 49.276 ng
RT: 10.475 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:138 Resp: 147561
Ion Ratio Lower Upper
138 100
92 55.7 40.5 80.5
108 79.6 69.2 109.2

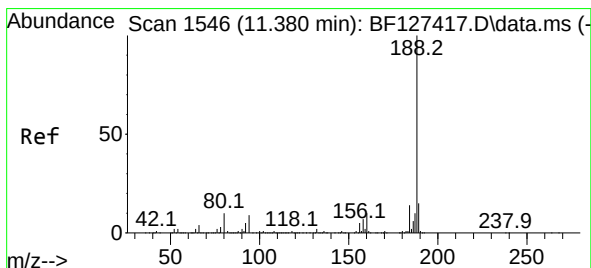
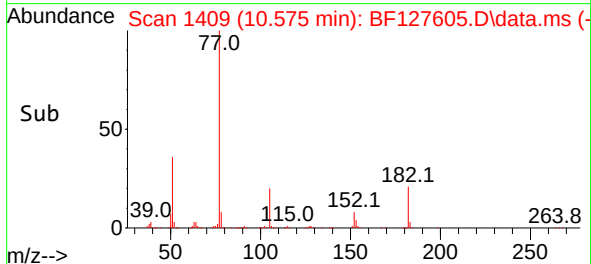
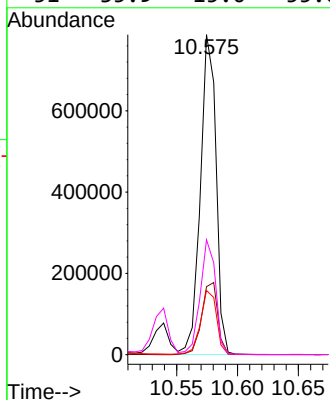
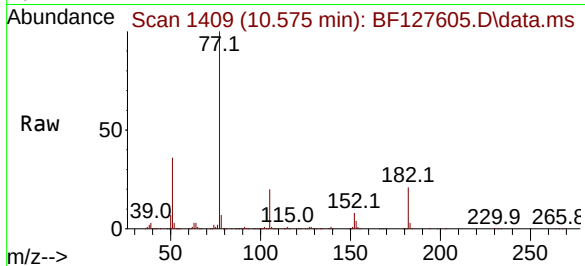




#63
Azobenzene
Concen: 46.957 ng
RT: 10.575 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

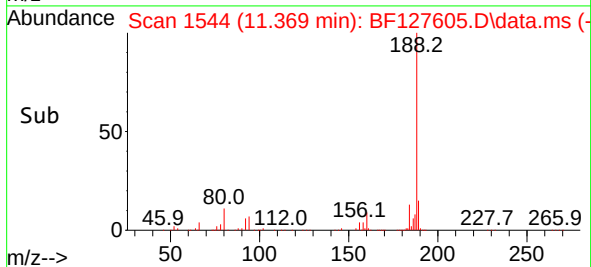
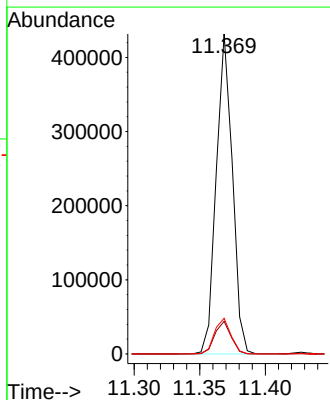
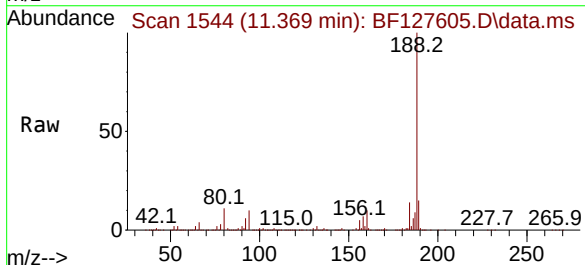
Instrument :
BNA_F
ClientSampleId :
SP5854

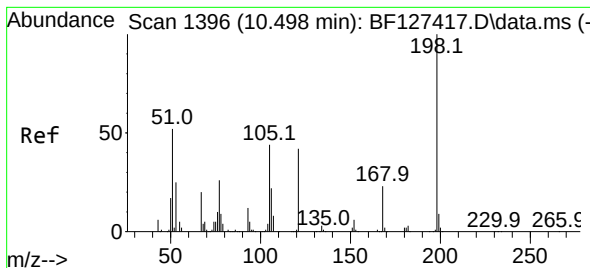
Tgt Ion: 77	Resp: 702621
Ion Ratio	Lower Upper
77 100	
182 21.3	4.5 44.5
105 20.0	0.3 40.3
51 35.9	15.0 55.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:188	Resp: 368849
Ion Ratio	Lower Upper
188 100	
94 10.2	7.4 11.0
80 11.2	8.0 12.0

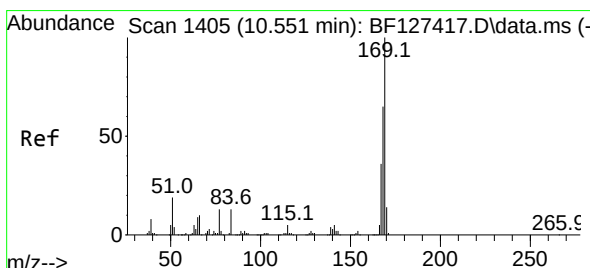
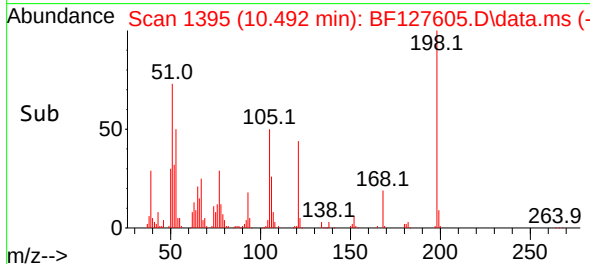
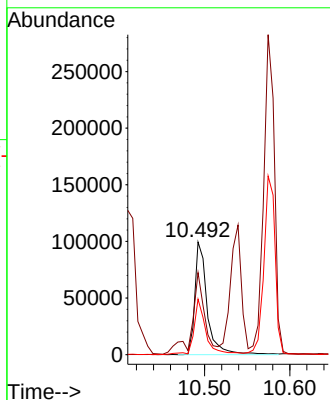
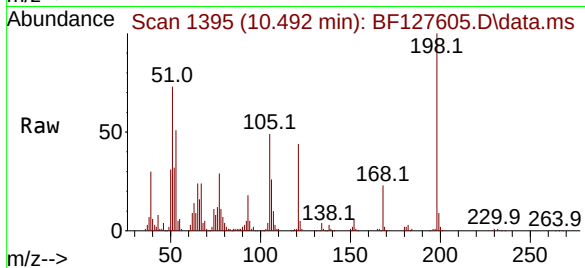




#65
4,6-Dinitro-2-methylphenol
Concen: 44.241 ng
RT: 10.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

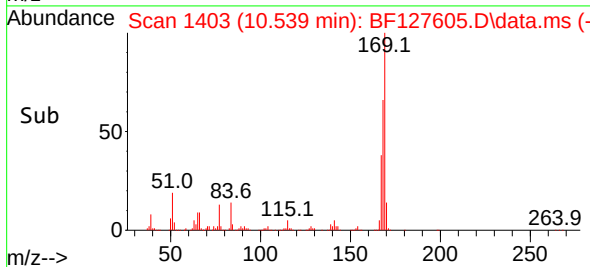
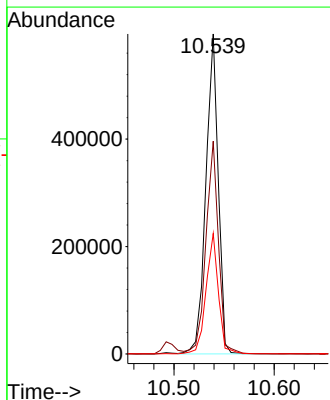
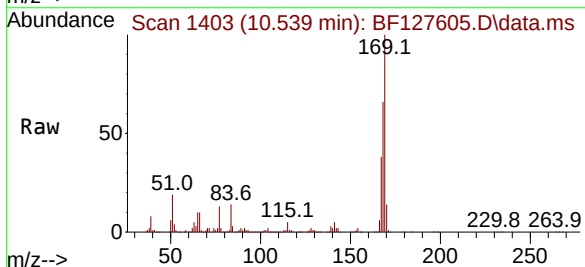
Instrument :
BNA_F
ClientSampleId :
SP5854

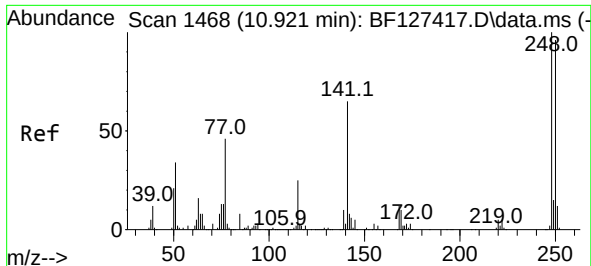
Tgt Ion:198 Resp: 100410
Ion Ratio Lower Upper
198 100
51 72.9 42.7 82.7
105 49.3 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 45.657 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:169 Resp: 512639
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 37.7 28.9 43.3

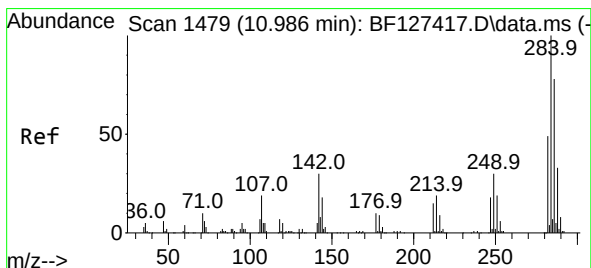
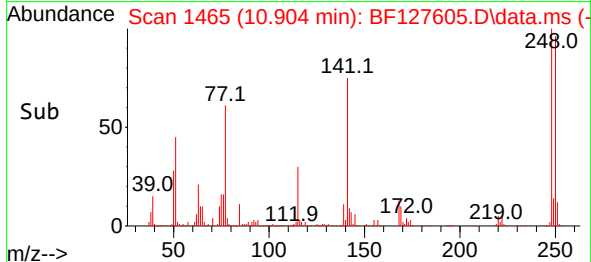
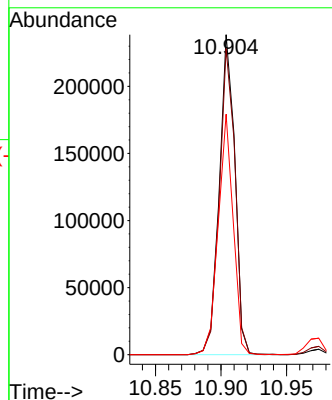
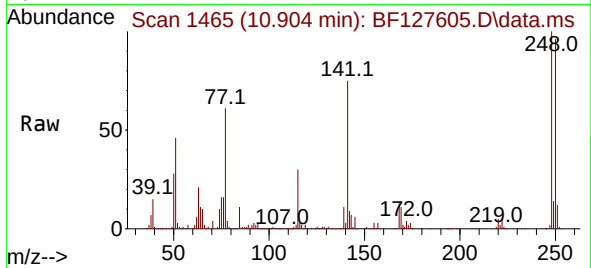




#67
4-Bromophenyl-phenylether
Concen: 45.712 ng
RT: 10.904 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

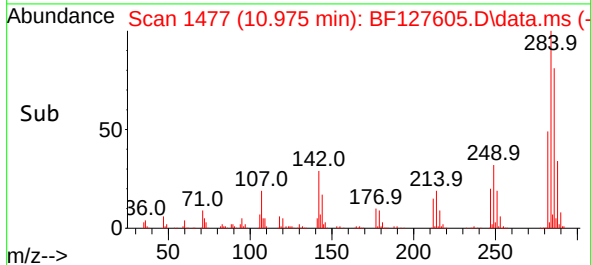
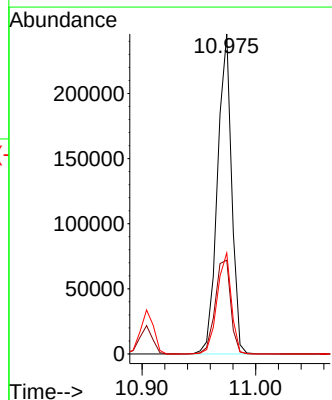
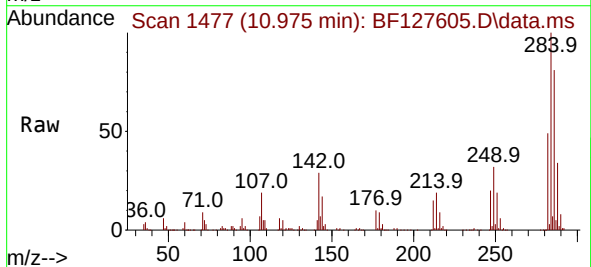
Instrument :
BNA_F
ClientSampleId :
SP5854

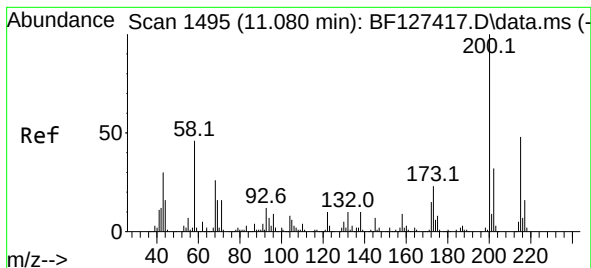
Tgt Ion:248 Resp: 196853
Ion Ratio Lower Upper
248 100
250 95.7 76.6 115.0
141 75.2 52.2 78.2



#68
Hexachlorobenzene
Concen: 45.312 ng
RT: 10.975 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:284 Resp: 212998
Ion Ratio Lower Upper
284 100
142 29.3 23.8 35.8
249 31.6 23.9 35.9





#69

Atrazine

Concen: 52.394 ng

RT: 11.069 min Scan# 1493

Delta R.T. 0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

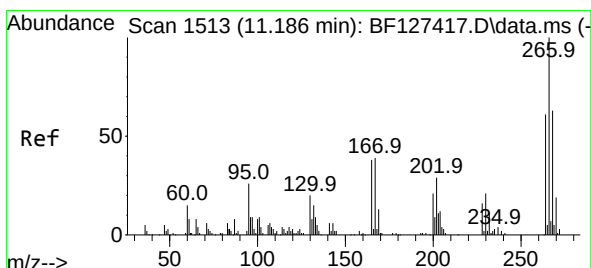
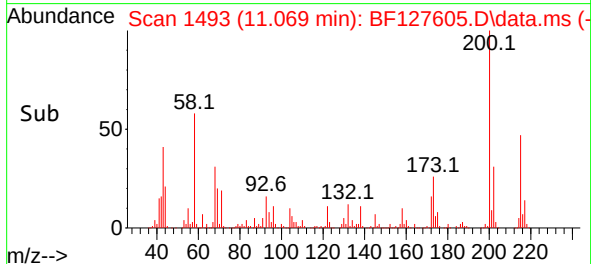
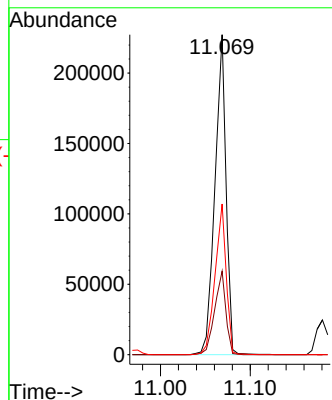
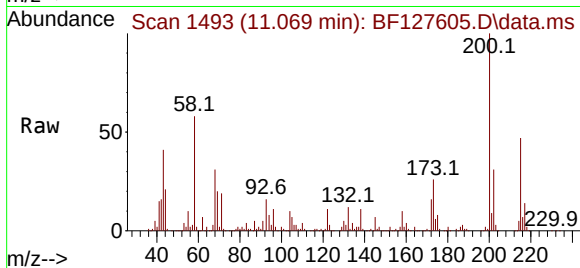
Tgt Ion:200 Resp: 195844

Ion Ratio Lower Upper

200 100

173 26.1 2.9 42.9

215 47.1 28.0 68.0



#70

Pentachlorophenol

Concen: 84.426 ng

RT: 11.180 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

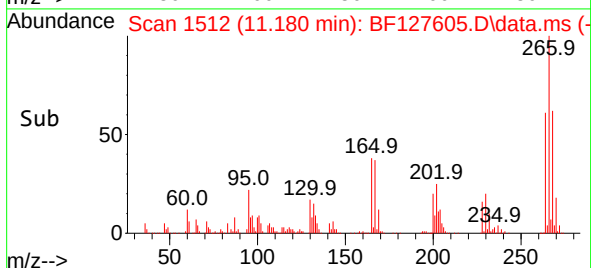
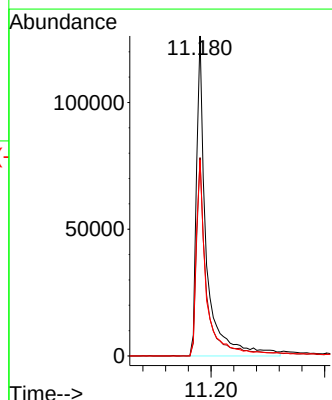
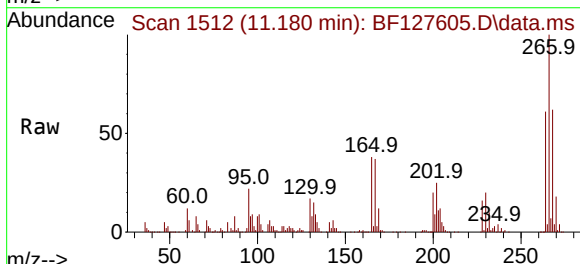
Tgt Ion:266 Resp: 153965

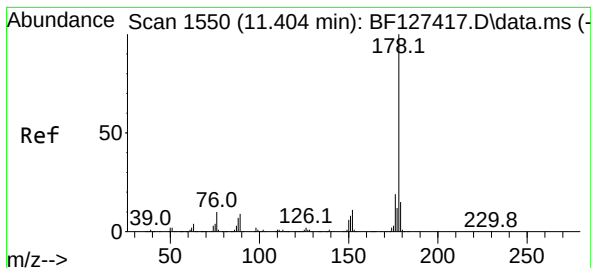
Ion Ratio Lower Upper

266 100

268 62.0 50.4 75.6

264 61.3 48.5 72.7





#71

Phenanthrene

Concen: 45.792 ng

RT: 11.392 min Scan# 11548

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

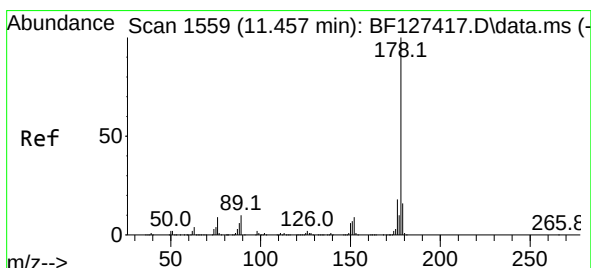
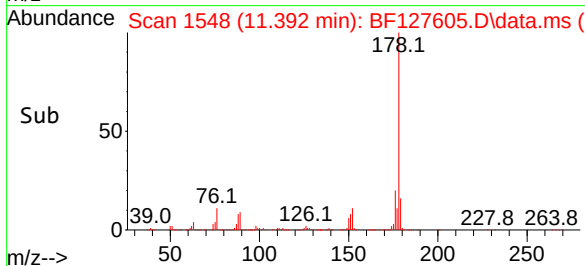
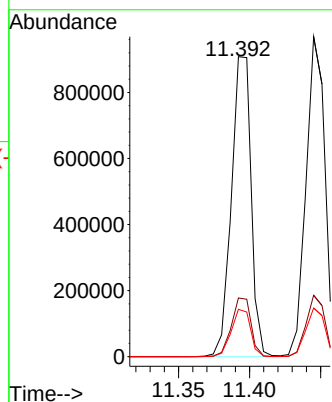
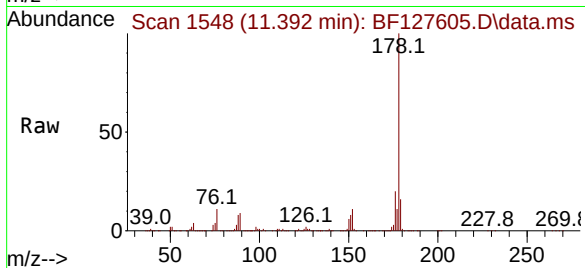
Tgt Ion:178 Resp: 880567

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.8 12.4 18.6



#72

Anthracene

Concen: 47.270 ng

RT: 11.445 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

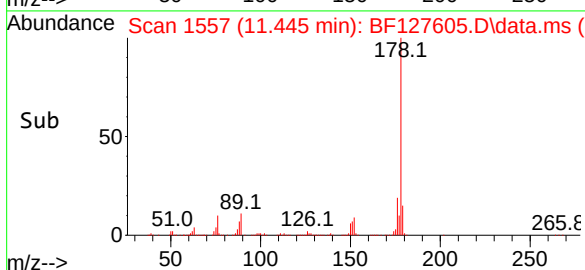
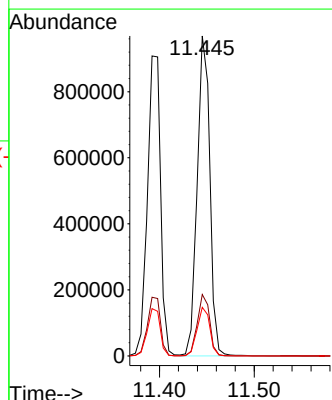
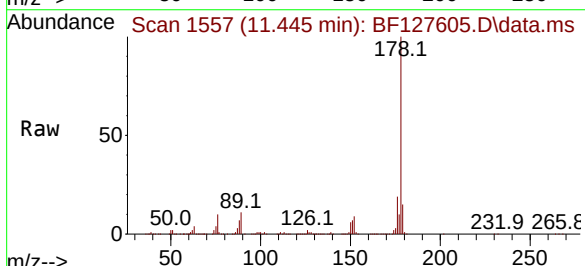
Tgt Ion:178 Resp: 902049

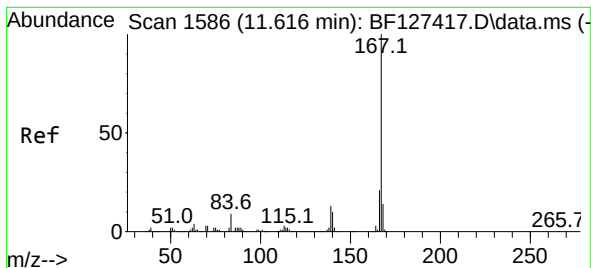
Ion Ratio Lower Upper

178 100

176 19.2 14.6 22.0

179 15.2 12.4 18.6





#73

Carbazole

Concen: 45.311 ng

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

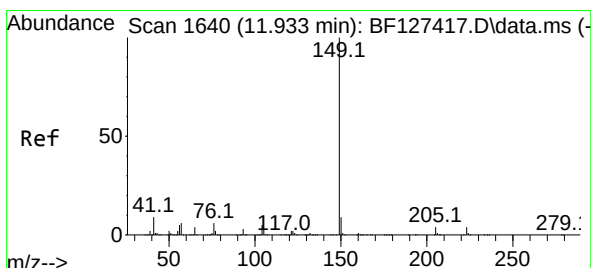
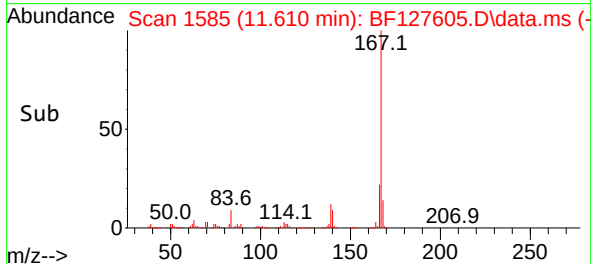
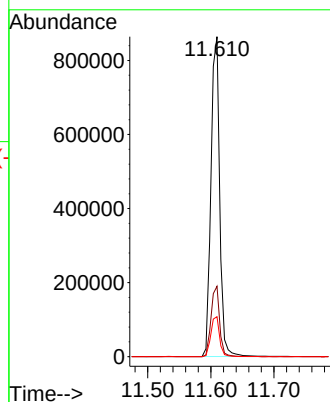
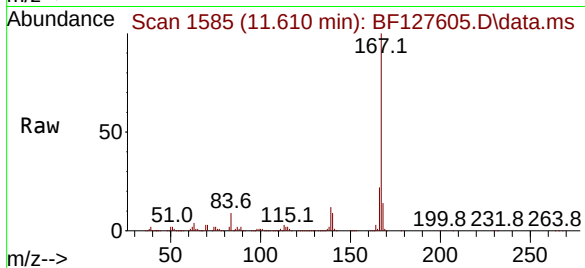
Tgt Ion:167 Resp: 826895

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.4

139 12.5 10.5 15.7



#74

Di-n-butylphthalate

Concen: 51.260 ng

RT: 11.916 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

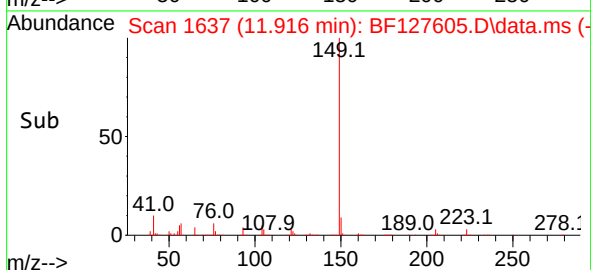
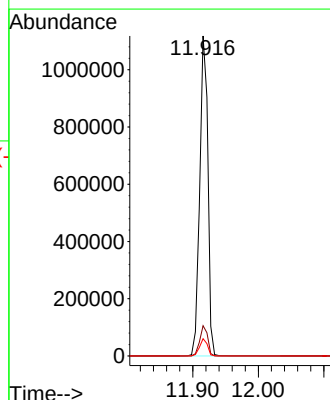
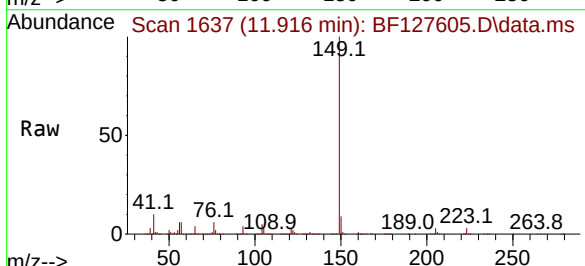
Tgt Ion:149 Resp: 968298

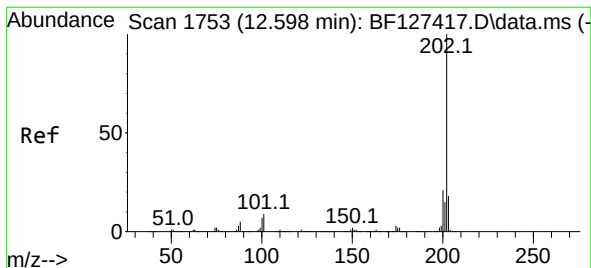
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.4 4.2 6.2





#75

Fluoranthene

Concen: 47.795 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

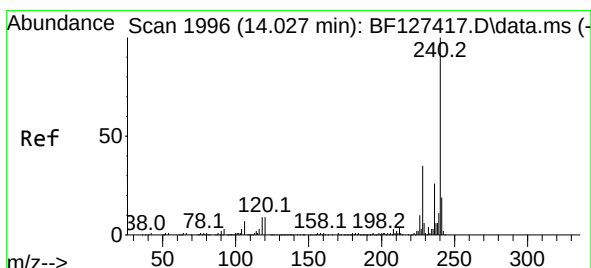
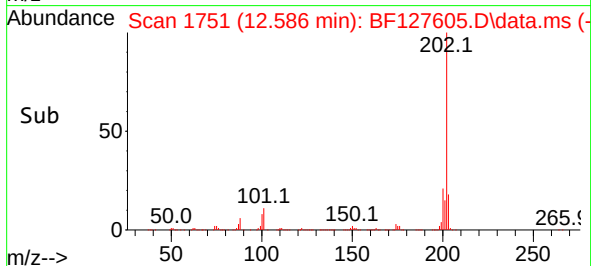
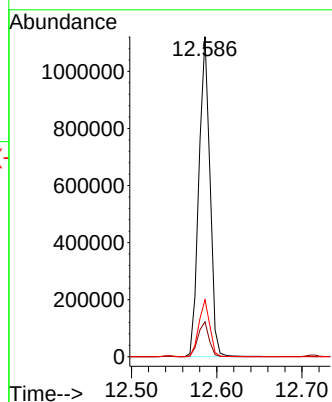
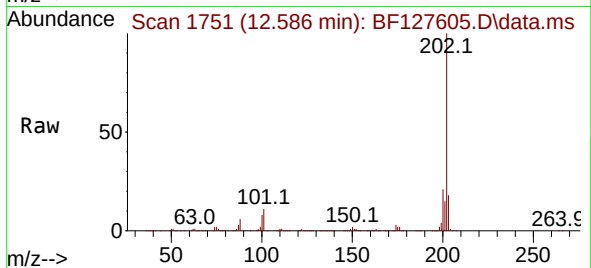
Tgt Ion:202 Resp: 1010886

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.0

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 1995

Delta R.T. 0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

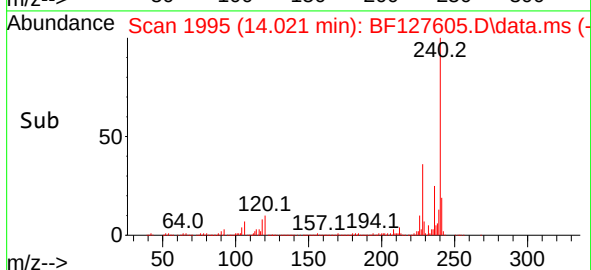
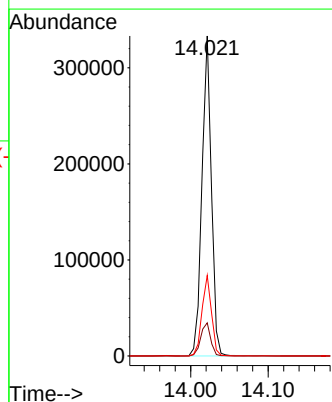
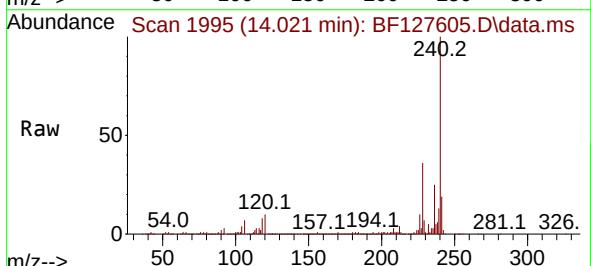
Tgt Ion:240 Resp: 281583

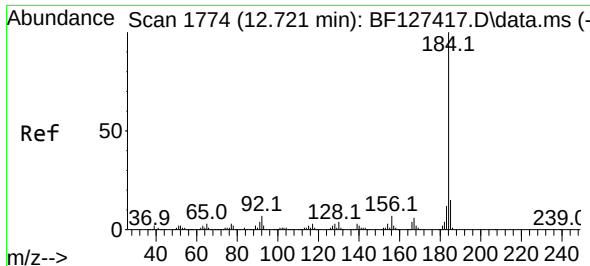
Ion Ratio Lower Upper

240 100

120 10.3 7.1 10.7

236 25.1 20.7 31.1

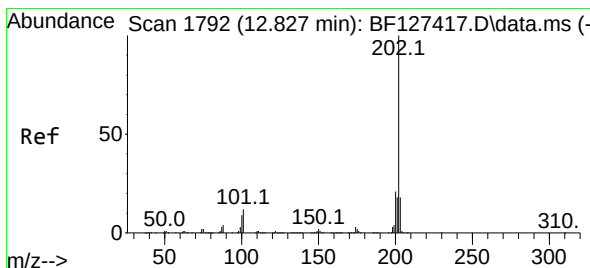
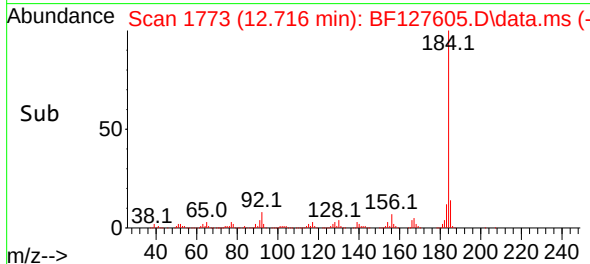
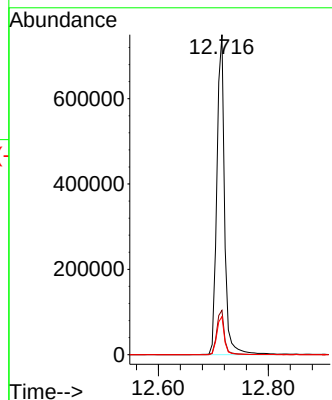
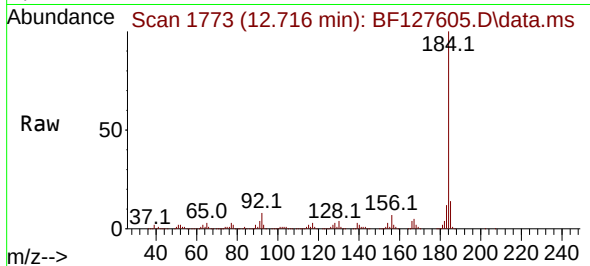




#77
Benzidine
Concen: 109.470 ng
RT: 12.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

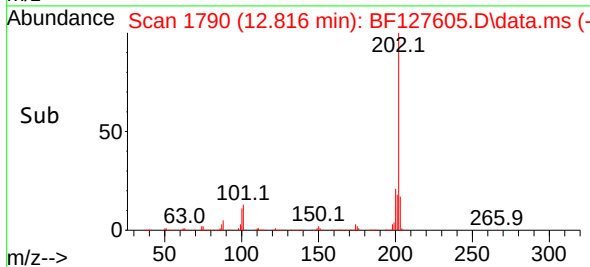
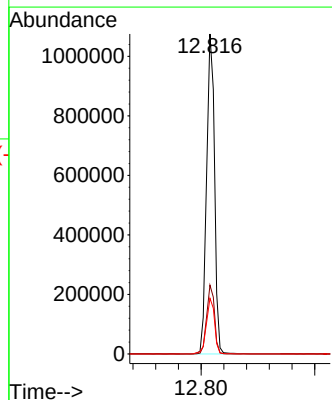
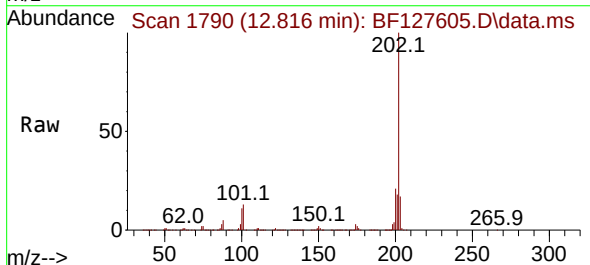
Instrument :
BNA_F
ClientSampleId :
SP5854

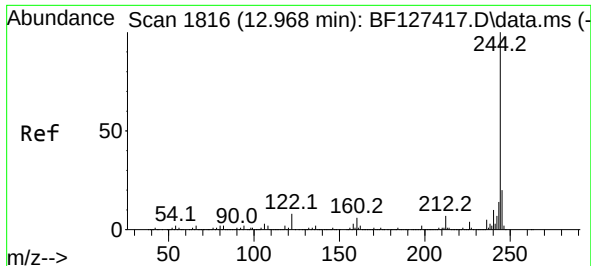
Tgt Ion:184 Resp: 734984
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.2
183 11.9 9.4 14.0



#78
Pyrene
Concen: 42.920 ng
RT: 12.816 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:202 Resp: 1037209
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.4 14.3 21.5

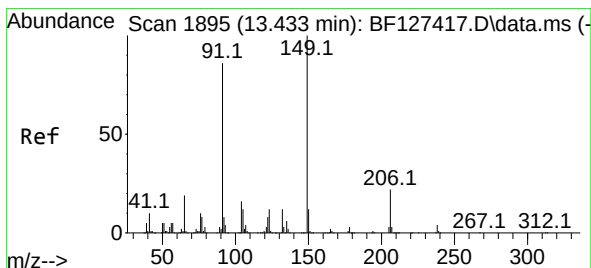
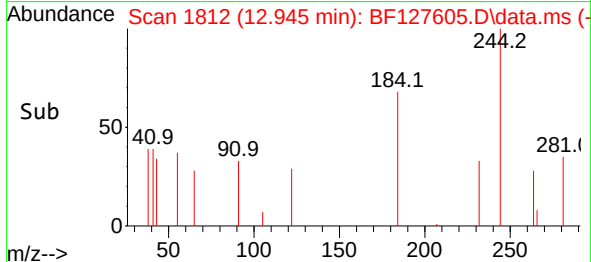
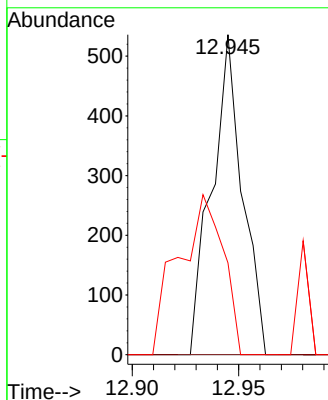
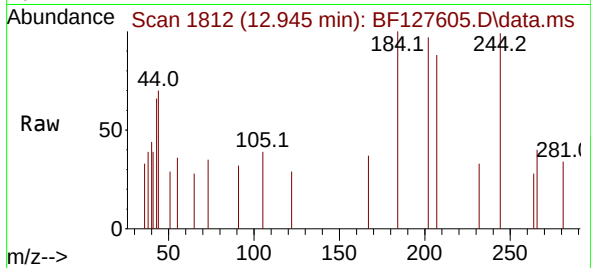




#79
 Terphenyl-d14
 Concen: 0.031 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF127605.D
 Acq: 31 Mar 2022 15:46

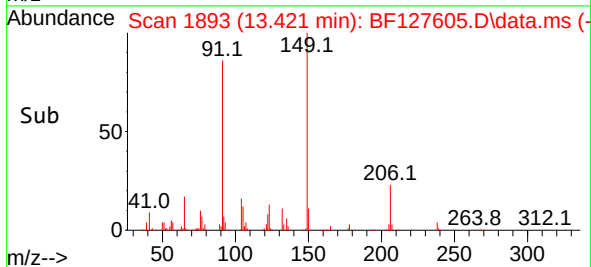
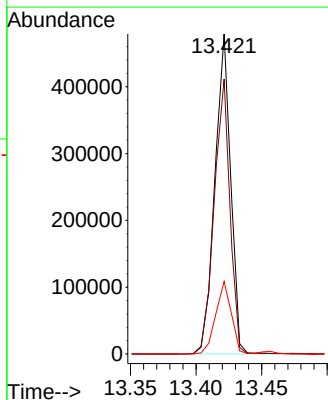
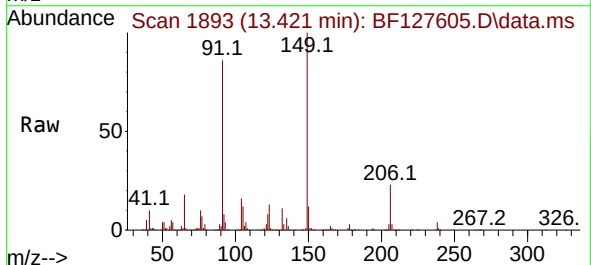
Instrument :
 BNA_F
 ClientSampleId :
 SP5854

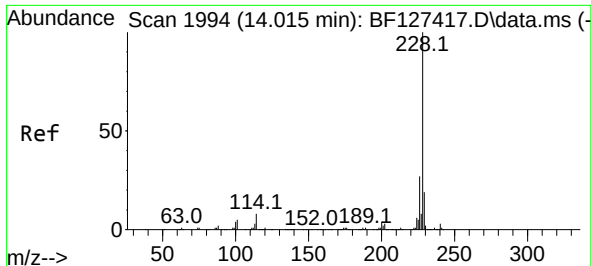
Tgt Ion:244 Resp: 536
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.7 8.5#
 122 28.7 6.2 9.2#



#80
 Butylbenzylphthalate
 Concen: 50.412 ng
 RT: 13.421 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: BF127605.D
 Acq: 31 Mar 2022 15:46

Tgt Ion:149 Resp: 400957
 Ion Ratio Lower Upper
 149 100
 91 85.9 69.1 103.7
 206 22.6 17.7 26.5

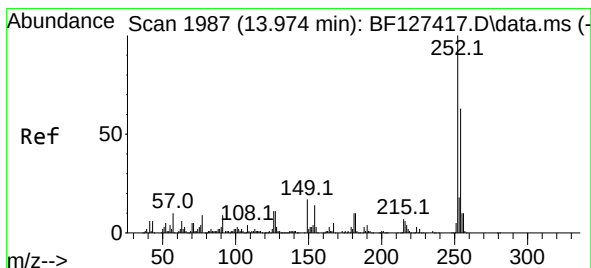
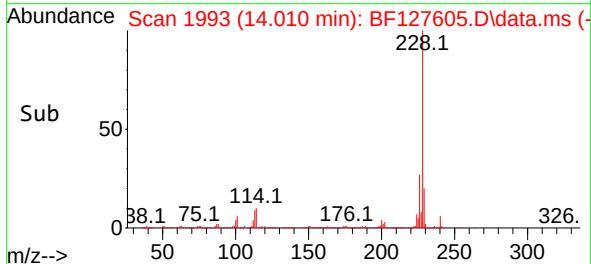
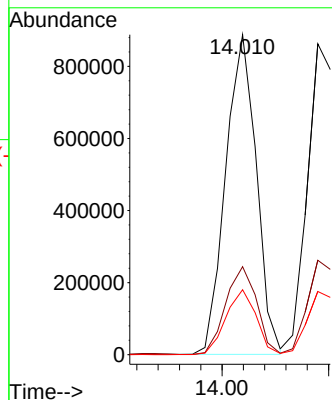
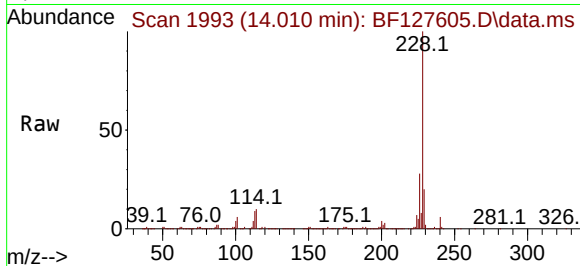




#81
Benzo(a)anthracene
Concen: 47.175 ng
RT: 14.010 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

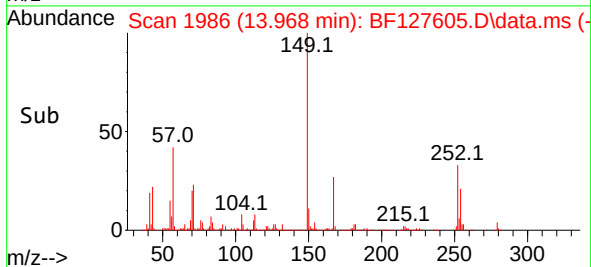
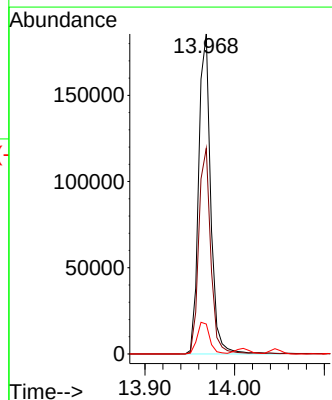
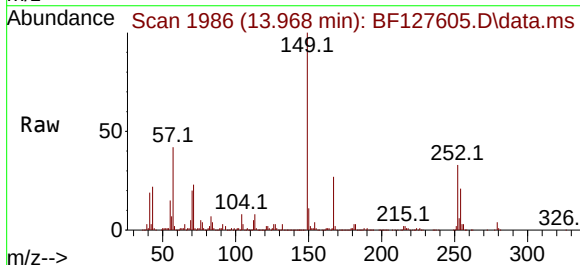
Instrument :
BNA_F
ClientSampleId :
SP5854

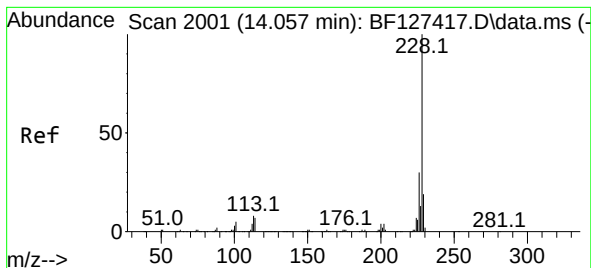
Tgt Ion:228 Resp: 888334
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 20.3 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 31.234 ng
RT: 13.968 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:252 Resp: 172861
Ion Ratio Lower Upper
252 100
254 64.2 50.2 75.4
126 9.4 8.7 13.1





#83

Chrysene

Concen: 46.071 ng

RT: 14.045 min Scan# 1999

Delta R.T. 0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

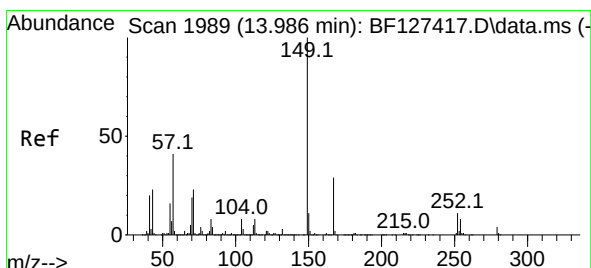
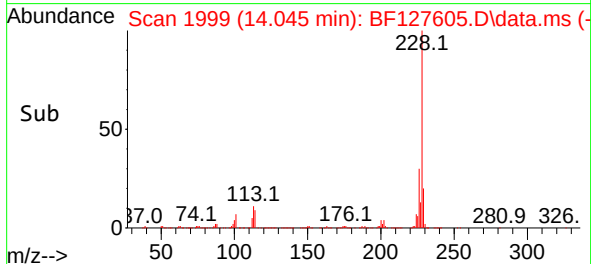
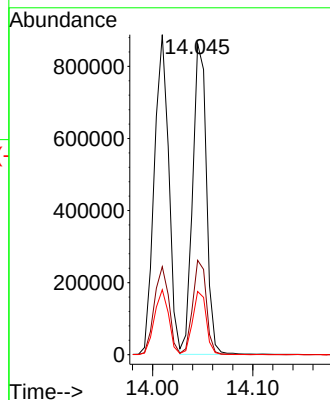
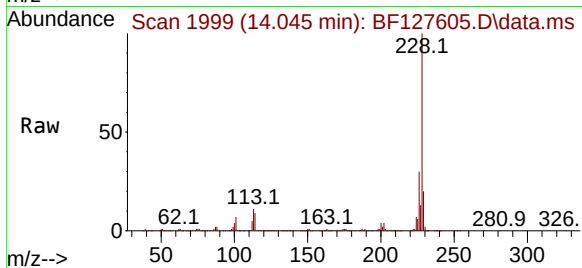
Tgt Ion:228 Resp: 821524

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 20.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.781 ng

RT: 13.968 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

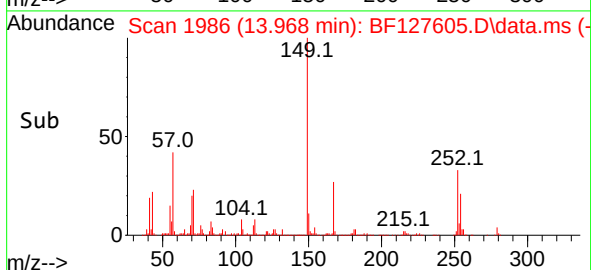
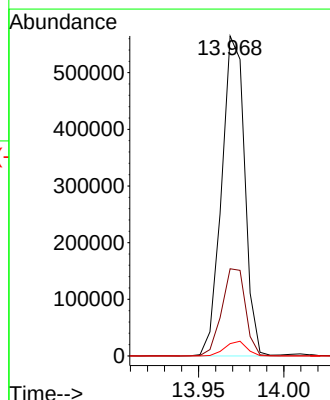
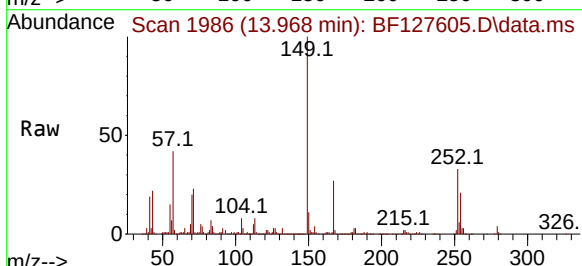
Tgt Ion:149 Resp: 531242

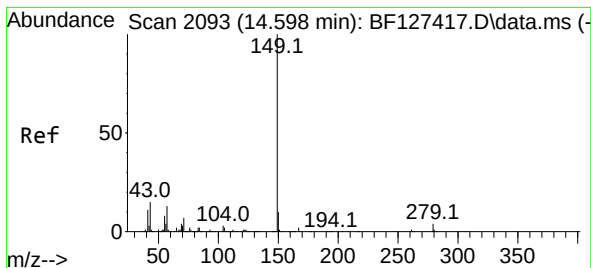
Ion Ratio Lower Upper

149 100

167 27.3 22.9 34.3

279 3.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 70.674 ng

RT: 14.586 min Scan# 2091

Delta R.T. 0.000 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

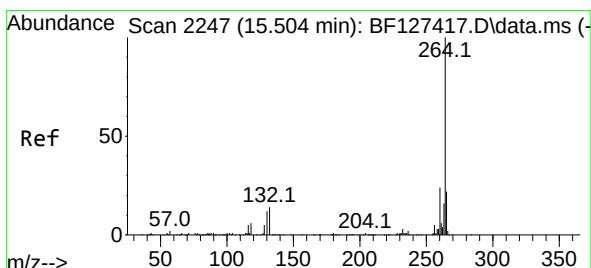
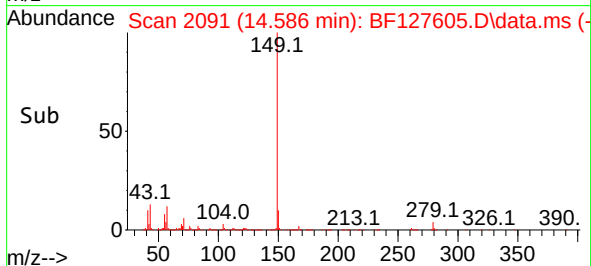
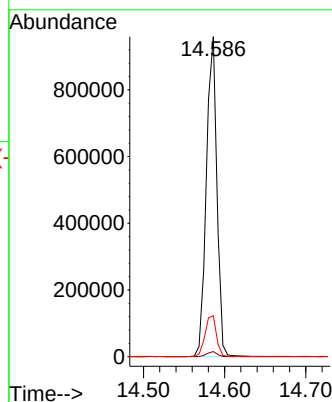
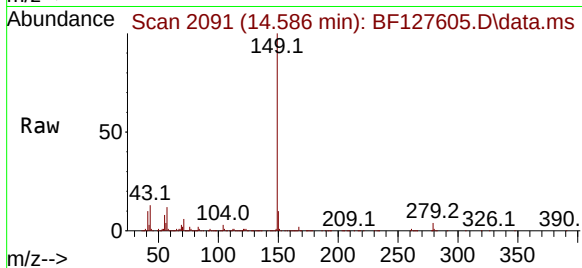
Tgt Ion:149 Resp: 864677

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.8 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

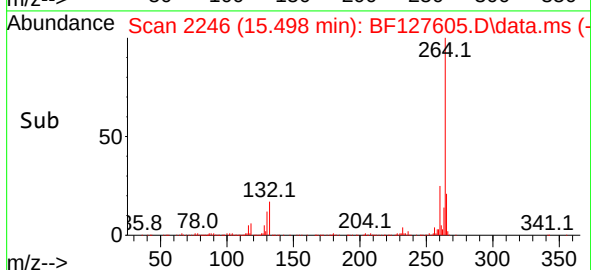
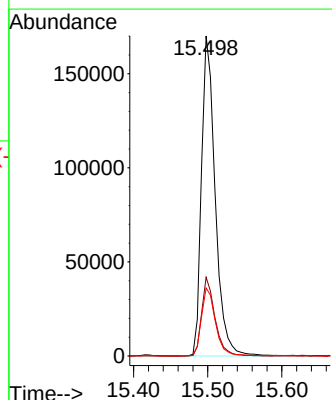
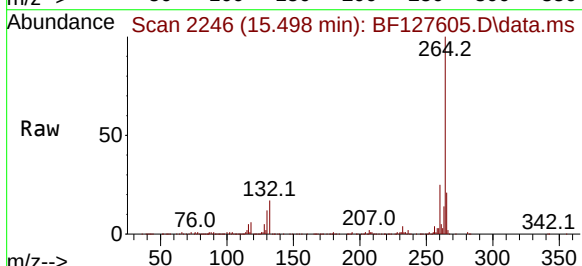
Tgt Ion:264 Resp: 218494

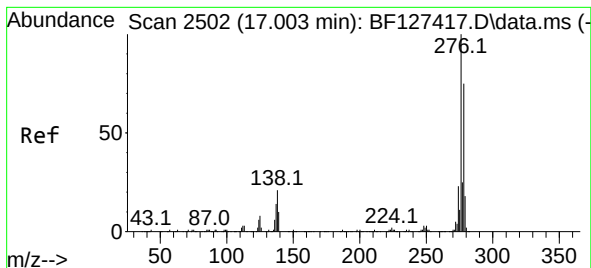
Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.565 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

Instrument :

BNA_F

ClientSampleId :

SP5854

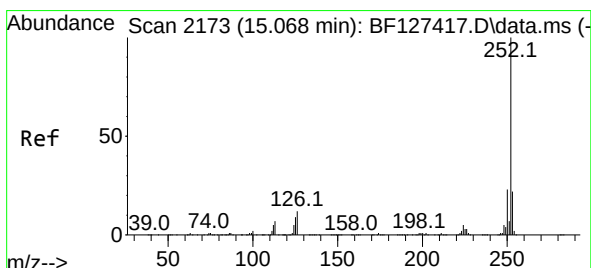
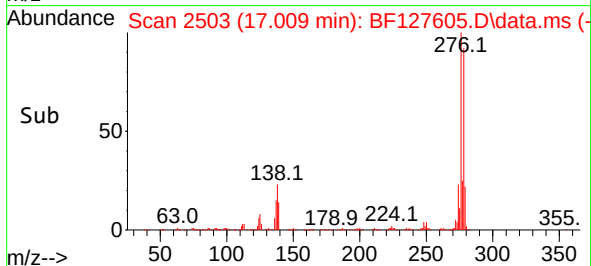
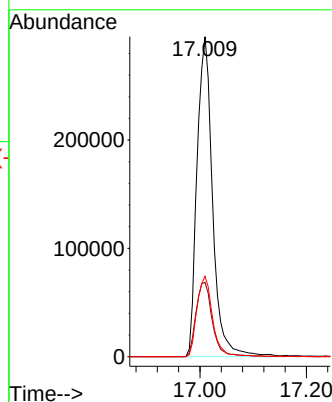
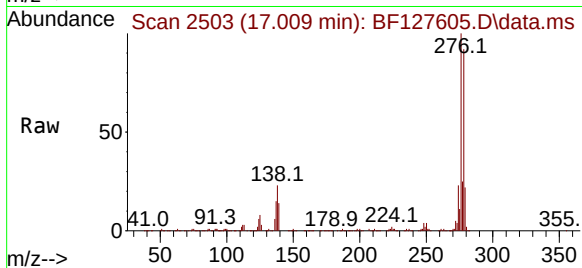
Tgt Ion:276 Resp: 599733

Ion Ratio Lower Upper

276 100

138 24.4 17.1 25.7

277 25.3 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 51.127 ng

RT: 15.068 min Scan# 2173

Delta R.T. 0.012 min

Lab File: BF127605.D

Acq: 31 Mar 2022 15:46

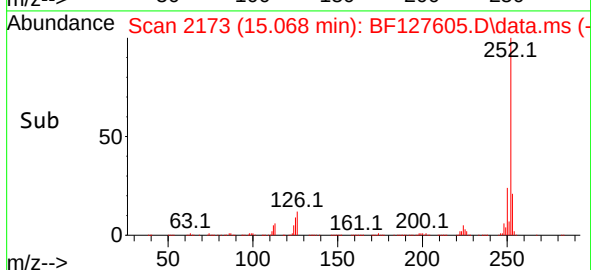
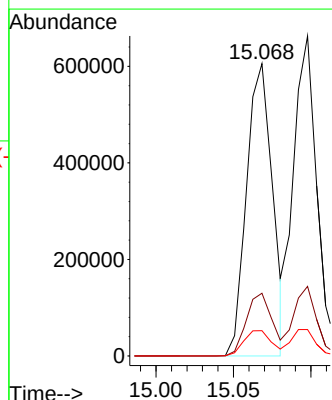
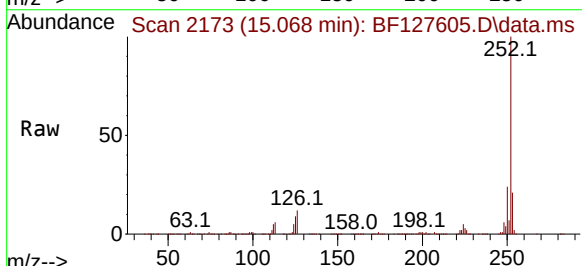
Tgt Ion:252 Resp: 704347

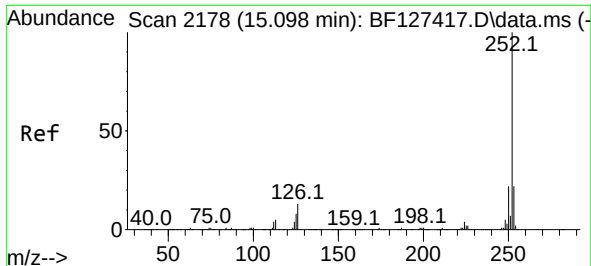
Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

125 8.7 7.0 10.4

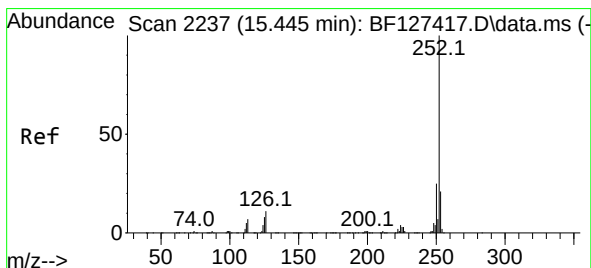
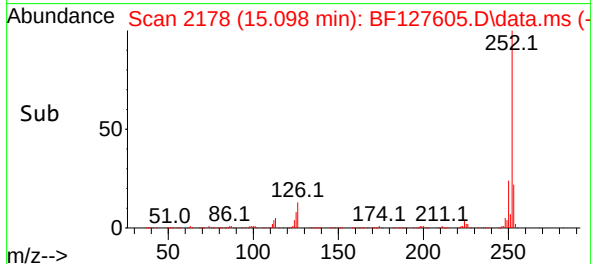
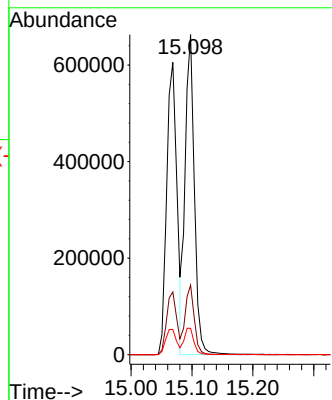
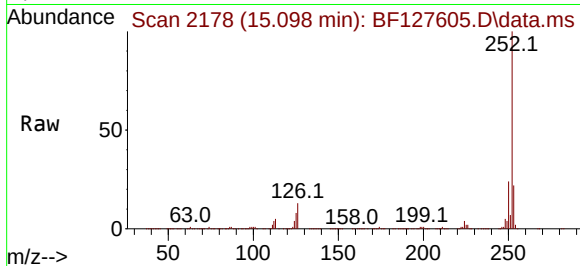




#89
Benzo(k)fluoranthene
Concen: 49.286 ng
RT: 15.098 min Scan# 2178
Delta R.T. 0.012 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

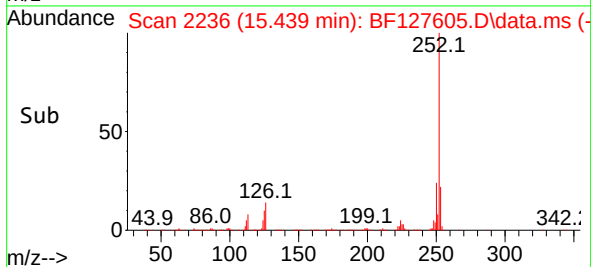
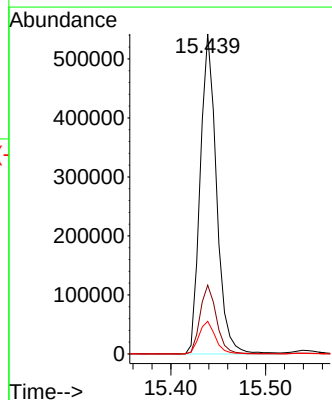
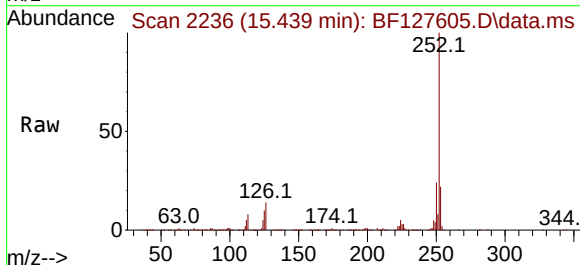
Instrument :
BNA_F
ClientSampleId :
SP5854

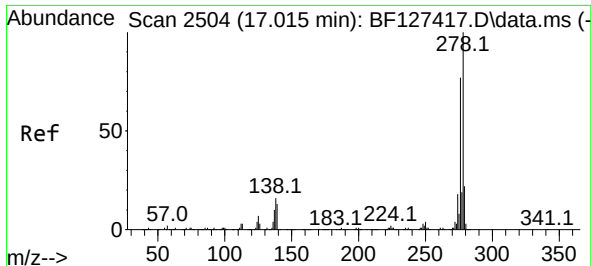
Tgt Ion:252 Resp: 703887
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 8.3 6.9 10.3



#90
Benzo(a)pyrene
Concen: 57.615 ng
RT: 15.439 min Scan# 2236
Delta R.T. 0.012 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:252 Resp: 651405
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.2 6.7 10.1#

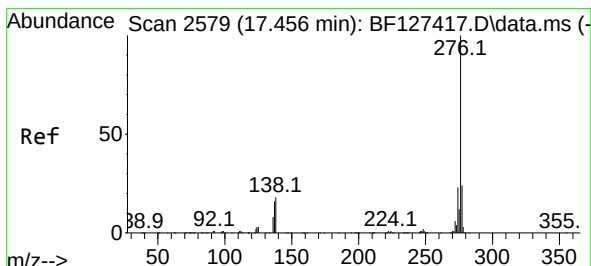
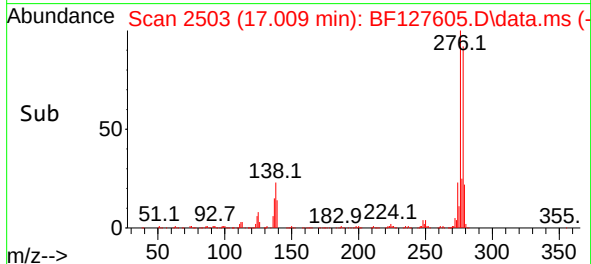
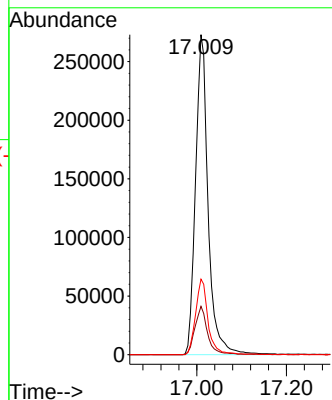
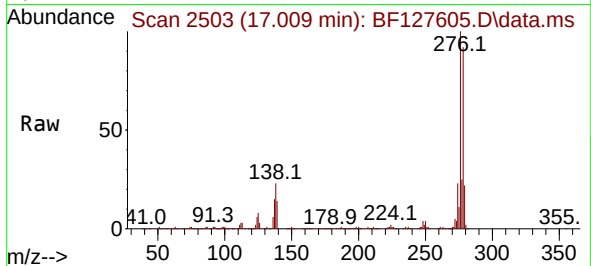




#91
Dibenzo(a,h)anthracene
Concen: 43.433 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Instrument :
BNA_F
ClientSampleId :
SP5854

Tgt Ion:278 Resp: 530151
Ion Ratio Lower Upper
278 100
139 15.1 10.8 16.2
279 23.6 17.7 26.5



#92
Benzo(g,h,i)perylene
Concen: 42.187 ng
RT: 17.462 min Scan# 2580
Delta R.T. 0.018 min
Lab File: BF127605.D
Acq: 31 Mar 2022 15:46

Tgt Ion:276 Resp: 532254
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.4
138 20.5 14.6 22.0

