

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129484.D
 Acq On : 01 Aug 2022 21:00
 Operator : CG\JU
 Sample : N3976-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729MS

Quant Time: Aug 02 01:18:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	186984	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	744124	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	365258	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	519489	20.000	ng	0.00
76) Chrysene-d12	14.051	240	322358	20.000	ng	0.00
86) Perylene-d12	15.533	264	372944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1259383	109.717	ng	0.02
7) Phenol-d6	6.528	99	1646113	114.094	ng	0.00
23) Nitrobenzene-d5	7.445	82	1015861	74.523	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	340334	96.915	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1734198	73.447	ng	0.00
79) Terphenyl-d14	12.986	244	1161830	67.995	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	225901	43.619	ng	90
3) Pyridine	3.510	79	609627	42.388	ng	92
4) n-Nitrosodimethylamine	3.469	42	307727	48.726	ng	# 93
6) Aniline	6.545	93	645745	36.003	ng	# 41
8) 2-Chlorophenol	6.669	128	639235	50.974	ng	98
9) Benzaldehyde	6.434	77	456679	46.610	ng	99
10) Phenol	6.539	94	745742	48.538	ng	# 68
11) bis(2-Chloroethyl)ether	6.610	93	600651	49.295	ng	95
12) 1,3-Dichlorobenzene	6.816	146	663731	49.349	ng	99
13) 1,4-Dichlorobenzene	6.892	146	673908	49.268	ng	98
14) 1,2-Dichlorobenzene	7.045	146	643394	51.174	ng	98
15) Benzyl Alcohol	7.028	79	546579	52.235	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	825178	45.053	ng	# 37
17) 2-Methylphenol	7.145	107	490743	47.171	ng	# 90
18) Hexachloroethane	7.386	117	256722	49.844	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	427942	48.995	ng	94
20) 3+4-Methylphenols	7.298	107	614743	46.474	ng	# 84
22) Acetophenone	7.286	105	863614	49.849	ng	99
24) Nitrobenzene	7.463	77	653964	46.588	ng	97
25) Isophorone	7.698	82	1180150	48.298	ng	100
26) 2-Nitrophenol	7.781	139	339818	49.072	ng	90
27) 2,4-Dimethylphenol	7.822	122	539181	51.907	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	733521	51.749	ng	98
29) 2,4-Dichlorophenol	8.028	162	506251	47.219	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	516152	46.511	ng	97
31) Naphthalene	8.181	128	1762052	46.608	ng	99
32) Benzoic acid	7.922	122	77994	10.386	ng	99
33) 4-Chloroaniline	8.233	127	342587	22.072	ng	96
34) Hexachlorobutadiene	8.292	225	311853	49.437	ng	98
35) Caprolactam	8.616	113	89968	25.811	ng	# 75
36) 4-Chloro-3-methylphenol	8.728	107	527212	46.364	ng	97
37) 2-Methylnaphthalene	8.875	142	1140237	46.410	ng	99
38) 1-Methylnaphthalene	8.975	142	1074957	45.324	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	492319	51.332	ng	98
41) Hexachlorocyclopentadiene	9.022	237	458173	107.282	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	329583	47.313	ng	97

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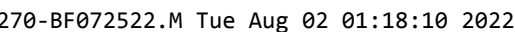
Instrument :
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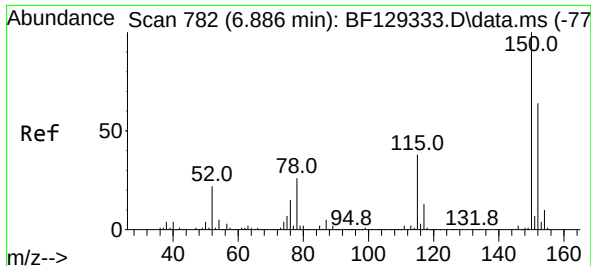
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 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	339010	44.752	ng	# 93
46) 1,1'-Biphenyl	9.339	154	1350749	50.672	ng	99
47) 2-Chloronaphthalene	9.363	162	1045514	48.518	ng	99
48) 2-Nitroaniline	9.463	65	333950	46.605	ng	94
49) Acenaphthylene	9.780	152	1561071	47.675	ng	100
50) Dimethylphthalate	9.639	163	1220327	48.397	ng	100
51) 2,6-Dinitrotoluene	9.704	165	270572	47.943	ng	93
52) Acenaphthene	9.951	154	926666	43.330	ng	99
53) 3-Nitroaniline	9.880	138	207650	31.159	ng	# 88
54) 2,4-Dinitrophenol	9.986	184	150636	52.285	ng	89
55) Dibenzofuran	10.127	168	1389332	47.125	ng	99
56) 4-Nitrophenol	10.057	139	315321	64.135	ng	91
57) 2,4-Dinitrotoluene	10.110	165	341593	46.333	ng	98
58) Fluorene	10.469	166	1081539	45.849	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	228670	39.061	ng	92
60) Diethylphthalate	10.339	149	1143597	46.917	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	496088	47.704	ng	93
62) 4-Nitroaniline	10.498	138	251464	38.037	ng	92
63) Azobenzene	10.616	77	1095479	44.063	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	127626	38.924	ng	88
66) n-Nitrosodiphenylamine	10.580	169	924621	53.446	ng	97
67) 4-Bromophenyl-phenylether	10.945	248	311425	54.746	ng	93
68) Hexachlorobenzene	11.016	284	322341	52.297	ng	98
69) Atrazine	11.104	200	279167	53.126	ng	96
70) Pentachlorophenol	11.216	266	197478	58.935	ng	98
71) Phenanthrene	11.433	178	1329021	46.867	ng	99
72) Anthracene	11.486	178	1352951	48.550	ng	99
73) Carbazole	11.639	167	1135100	43.270	ng	99
74) Di-n-butylphthalate	11.957	149	1461857	46.794	ng	99
75) Fluoranthene	12.621	202	1127448	39.239	ng	99
77) Benzidine	12.745	184	558748	49.064	ng	99
78) Pyrene	12.851	202	1122851	41.654	ng	98
80) Butylbenzylphthalate	13.457	149	479110	40.976	ng	99
81) Benzo(a)anthracene	14.039	228	1022664	46.442	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	260646	35.850	ng	# 97
83) Chrysene	14.074	228	950953	45.822	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	640121	41.584	ng	100
85) Di-n-octyl phthalate	14.627	149	1137890	51.369	ng	96
87) Indeno(1,2,3-cd)pyrene	17.039	276	1087310	43.294	ng	99
88) Benzo(b)fluoranthene	15.098	252	1122831	45.388	ng	99
89) Benzo(k)fluoranthene	15.127	252	1125160	46.412	ng	99
90) Benzo(a)pyrene	15.474	252	1015628	50.574	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	939781	45.976	ng	99
92) Benzo(g,h,i)perylene	17.498	276	892076	42.709	ng	99

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

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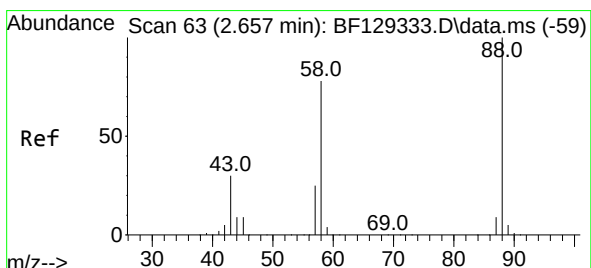
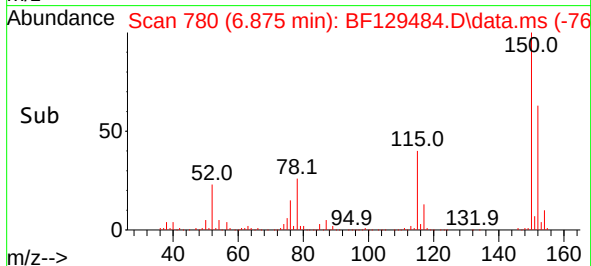
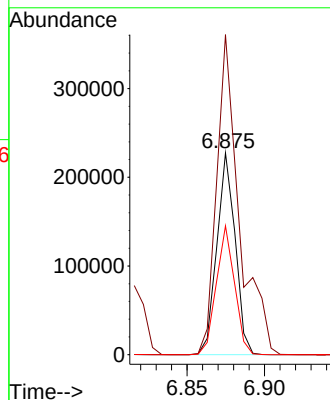
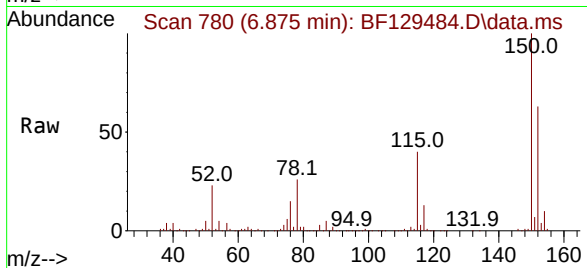




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129484.D
 Acq: 01 Aug 2022 21:00

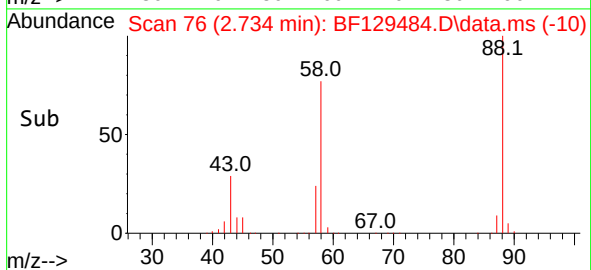
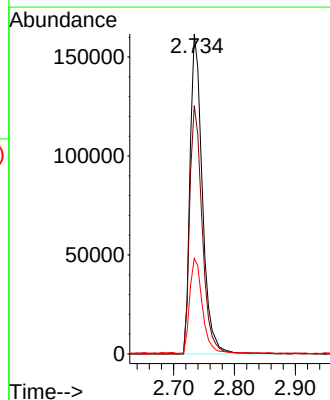
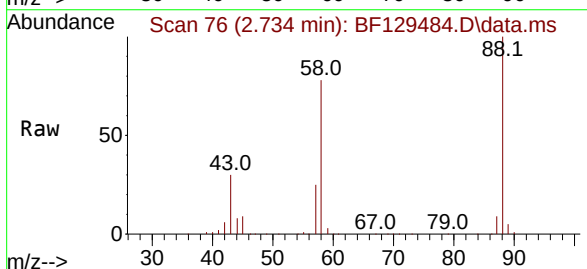
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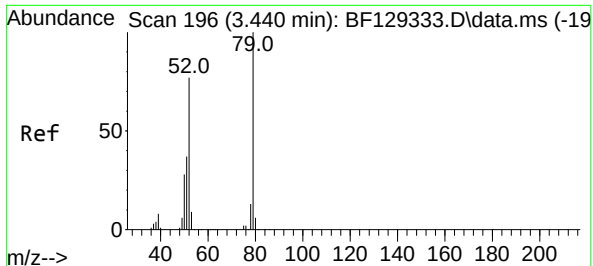
Tgt Ion:152 Resp: 186984
 Ion Ratio Lower Upper
 152 100
 150 158.6 123.7 185.5
 115 63.9 49.9 74.9



#2
 1,4-Dioxane
 Concen: 43.619 ng
 RT: 2.734 min Scan# 76
 Delta R.T. 0.088 min
 Lab File: BF129484.D
 Acq: 01 Aug 2022 21:00

Tgt Ion: 88 Resp: 225901
 Ion Ratio Lower Upper
 88 100
 58 78.6 71.8 107.8
 43 30.4 26.6 39.8

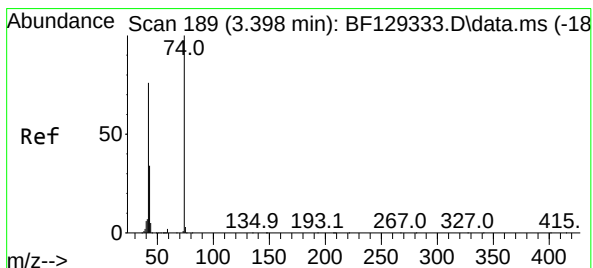
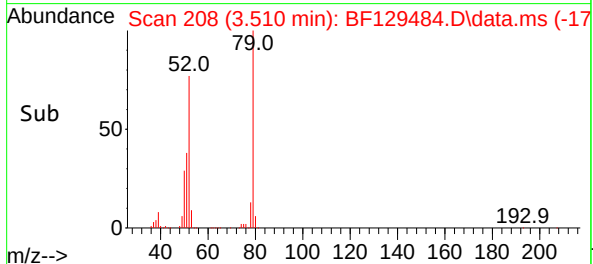
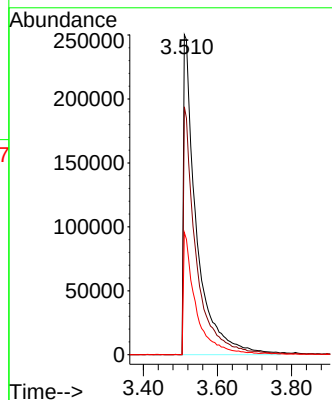
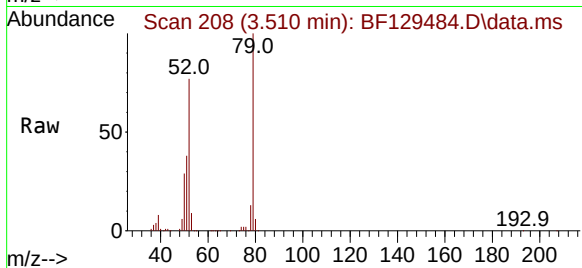




#3
 Pyridine
 Concen: 42.388 ng
 RT: 3.510 min Scan# 201
 Delta R.T. 0.076 min
 Lab File: BF129484.D
 Acq: 01 Aug 2022 21:00

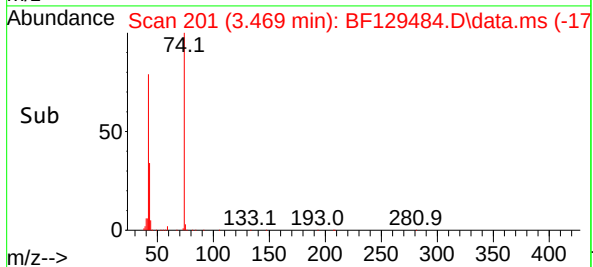
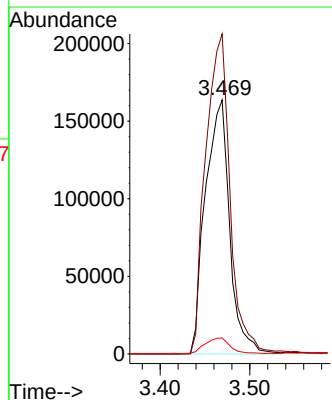
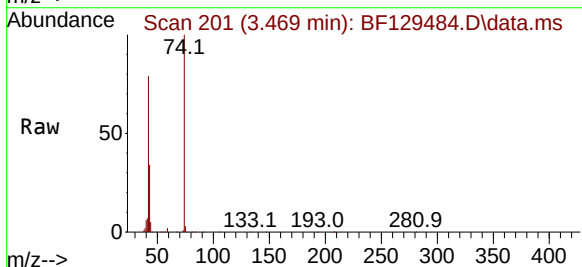
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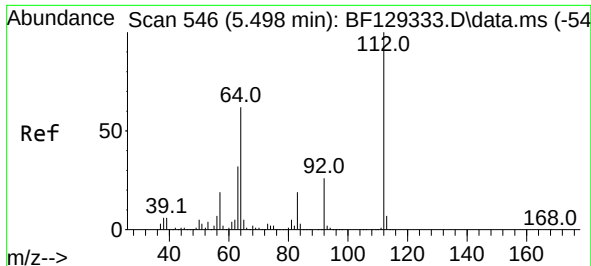
Tgt Ion: 79 Resp: 609627
 Ion Ratio Lower Upper
 79 100
 52 77.4 68.6 102.8
 51 38.1 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 48.726 ng
 RT: 3.469 min Scan# 201
 Delta R.T. 0.082 min
 Lab File: BF129484.D
 Acq: 01 Aug 2022 21:00

Tgt Ion: 42 Resp: 307727
 Ion Ratio Lower Upper
 42 100
 74 125.9 94.8 142.2
 44 6.3 6.6 10.0#

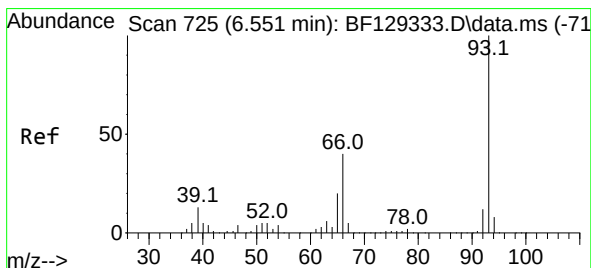
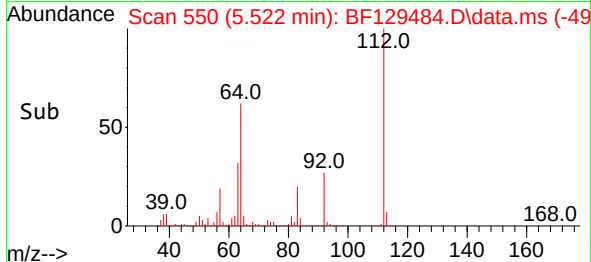
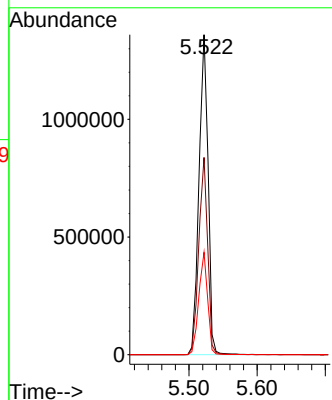
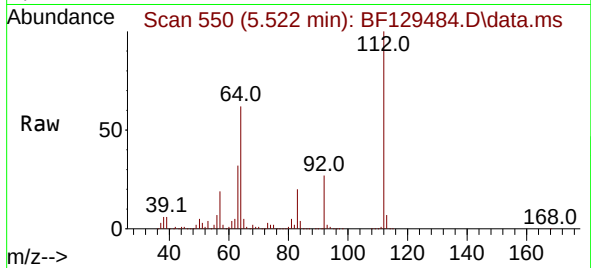




#5
2-Fluorophenol
Concen: 109.717 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

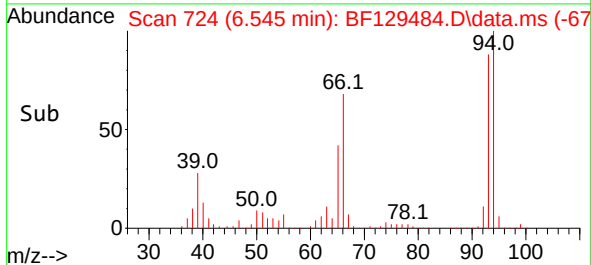
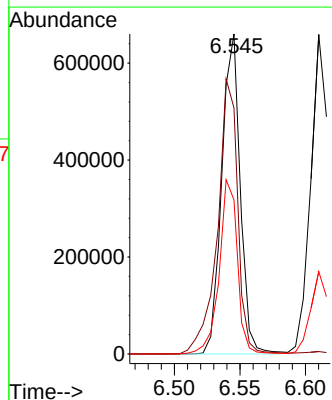
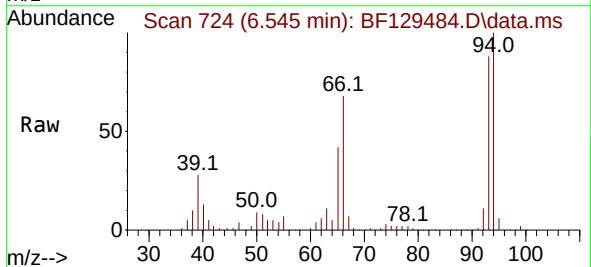
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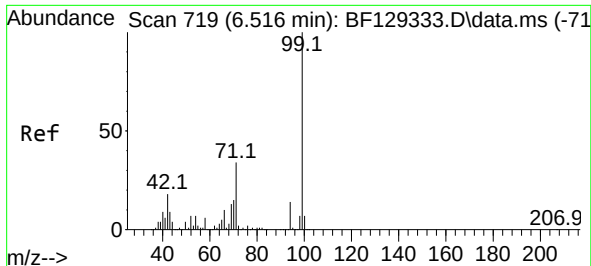
Tgt Ion:112 Resp: 1259383
Ion Ratio Lower Upper
112 100
64 61.6 53.3 79.9
63 32.0 28.0 42.0



#6
Aniline
Concen: 36.003 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion: 93 Resp: 645745
Ion Ratio Lower Upper
93 100
66 76.9 32.5 48.7#
65 48.1 16.4 24.6#

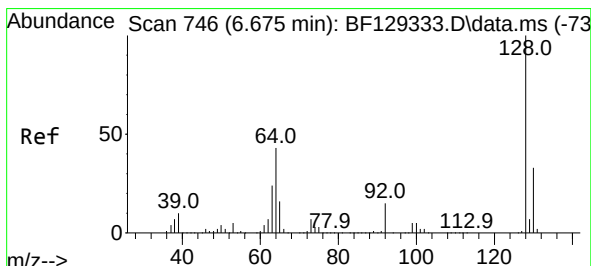
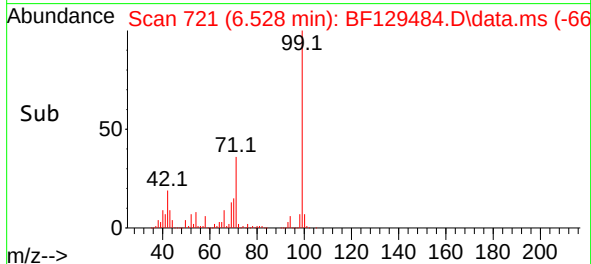
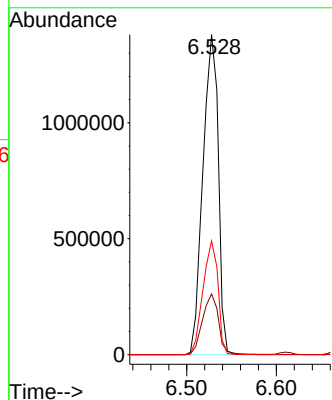
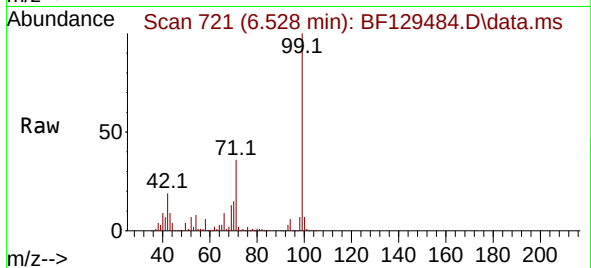




#7
Phenol-d6
Concen: 114.094 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

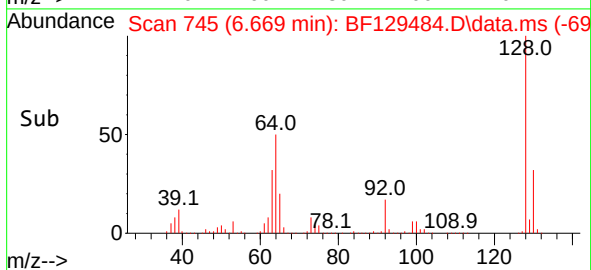
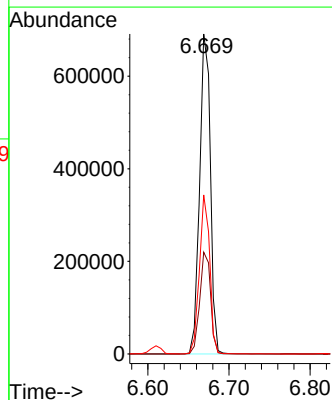
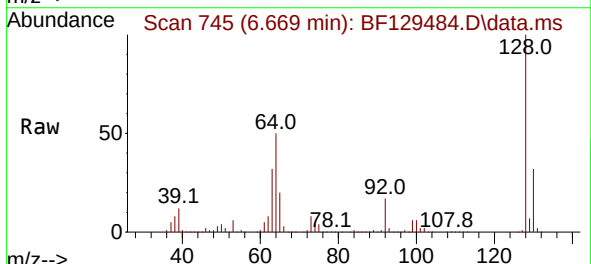
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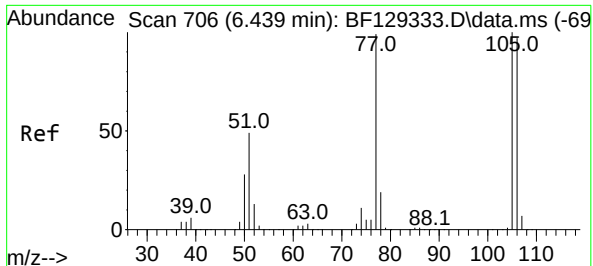
Tgt Ion: 99 Resp: 1646113
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 35.6 28.9 43.3



#8
2-Chlorophenol
Concen: 50.974 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion: 128 Resp: 639235
Ion Ratio Lower Upper
128 100
130 31.8 13.1 53.1
64 49.7 30.9 70.9

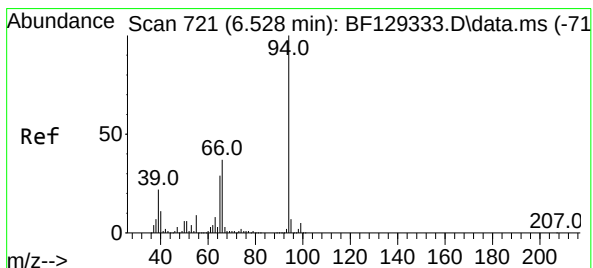
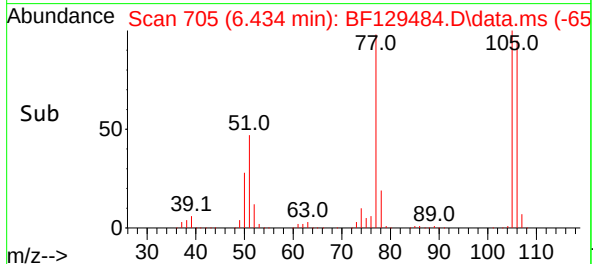
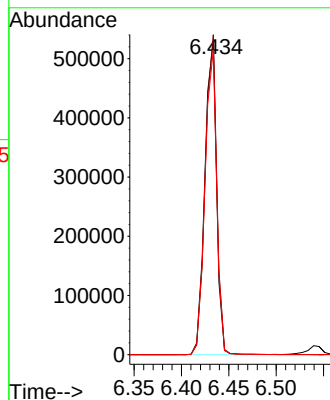
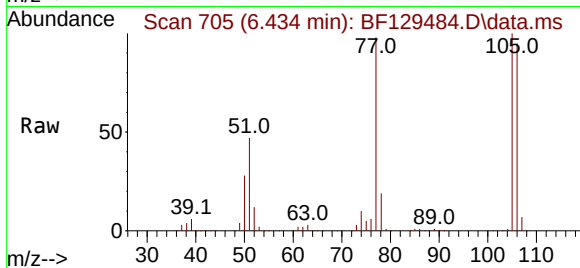




#9
Benzaldehyde
Concen: 46.610 ng
RT: 6.434 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

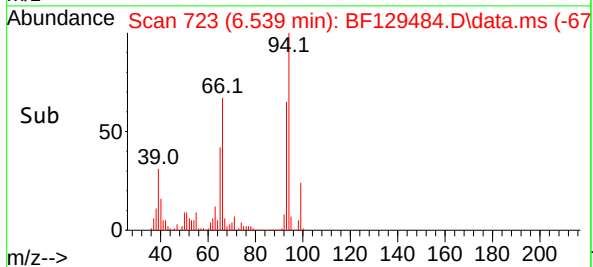
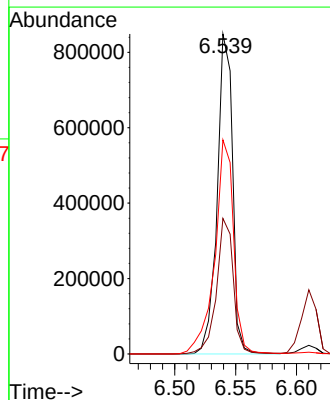
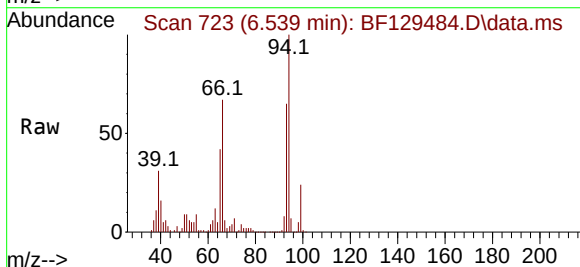
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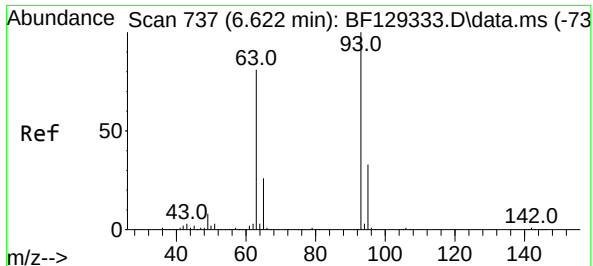
Tgt Ion: 77 Resp: 456679
Ion Ratio Lower Upper
77 100
105 102.0 81.6 121.6
106 97.1 76.1 116.1



#10
Phenol
Concen: 48.538 ng
RT: 6.539 min Scan# 723
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion: 94 Resp: 745742
Ion Ratio Lower Upper
94 100
65 42.3 11.4 51.4
66 66.9 21.4 61.4#

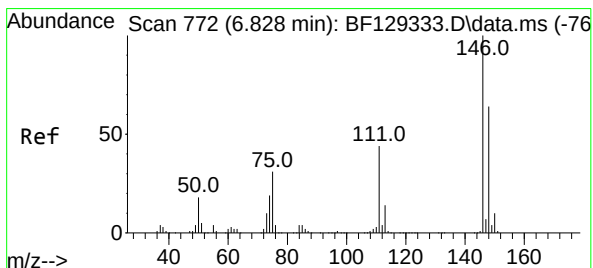
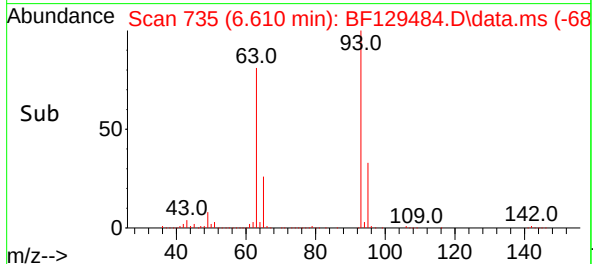
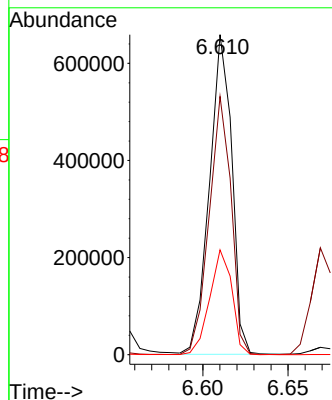
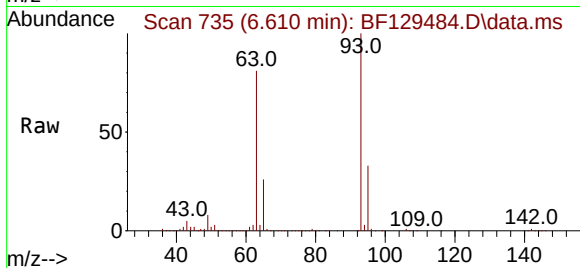




#11
bis(2-Chloroethyl)ether
Concen: 49.295 ng
RT: 6.610 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

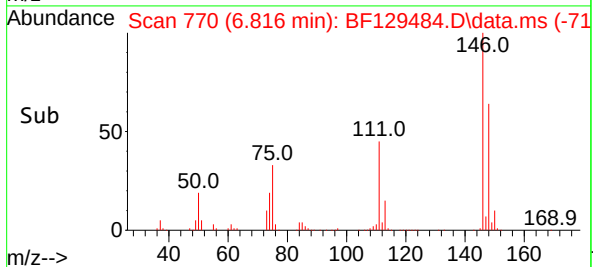
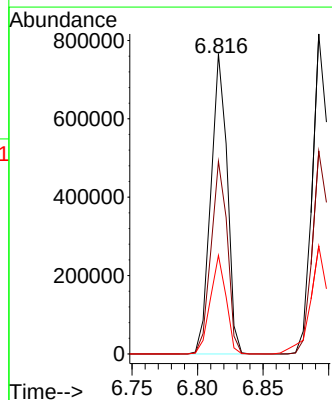
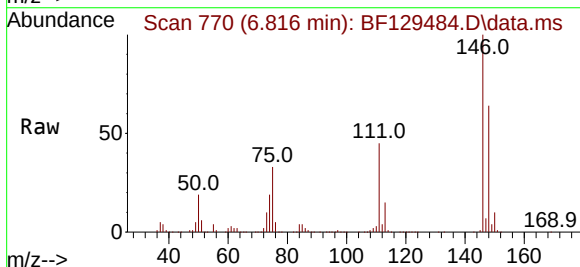
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

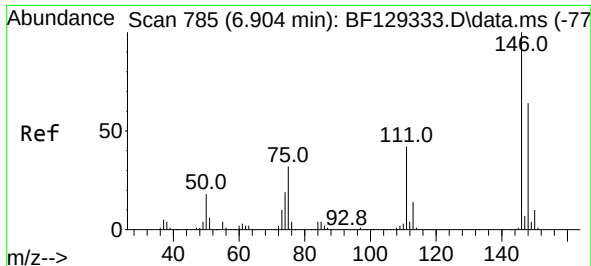
Tgt Ion: 93 Resp: 600651
Ion Ratio Lower Upper
93 100
63 80.7 67.4 107.4
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 49.349 ng
RT: 6.816 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion: 146 Resp: 663731
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 32.8 26.3 39.5

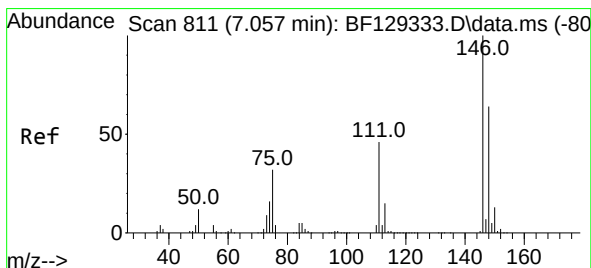
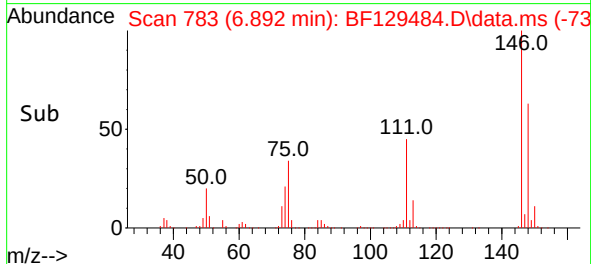
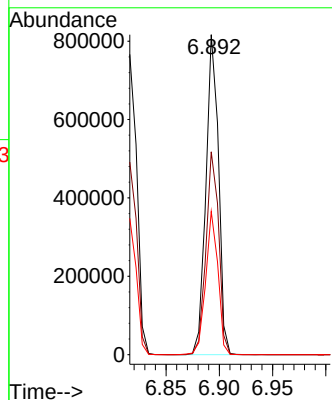
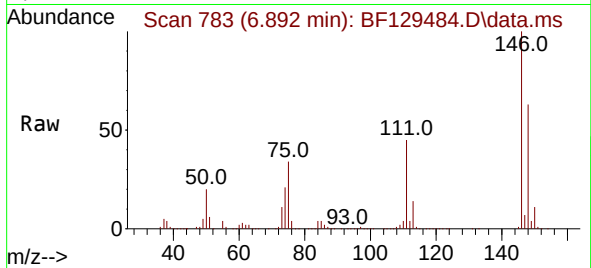




#13
 1,4-Dichlorobenzene
 Concen: 49.268 ng
 RT: 6.892 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129484.D
 Acq: 01 Aug 2022 21:00

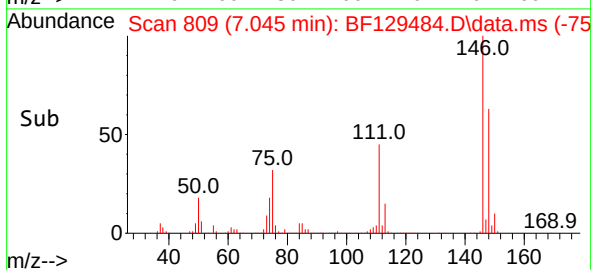
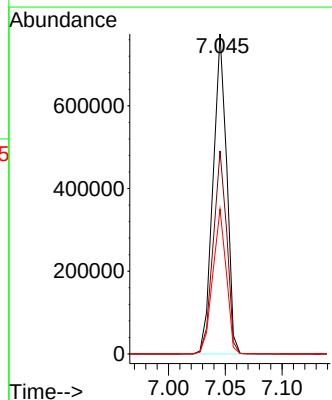
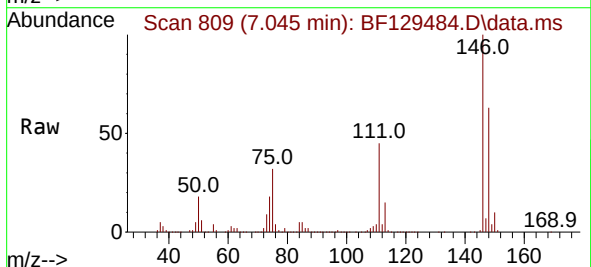
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729MS

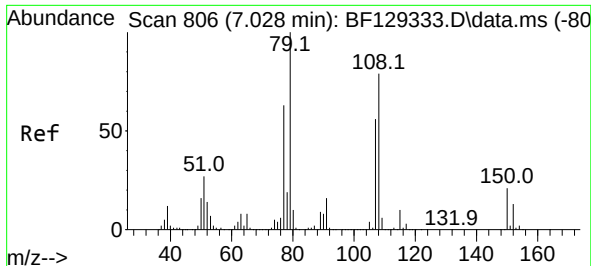
Tgt Ion:146 Resp: 673908
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.1 76.7
 111 44.7 34.2 51.4



#14
 1,2-Dichlorobenzene
 Concen: 51.174 ng
 RT: 7.045 min Scan# 809
 Delta R.T. -0.000 min
 Lab File: BF129484.D
 Acq: 01 Aug 2022 21:00

Tgt Ion:146 Resp: 643394
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.8
 111 45.3 35.1 52.7





#15

Benzyl Alcohol

Concen: 52.235 ng

RT: 7.028 min Scan# 806

Delta R.T. 0.006 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS

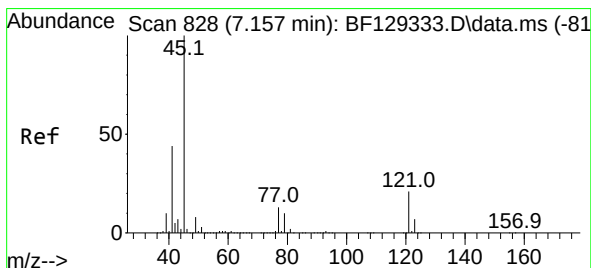
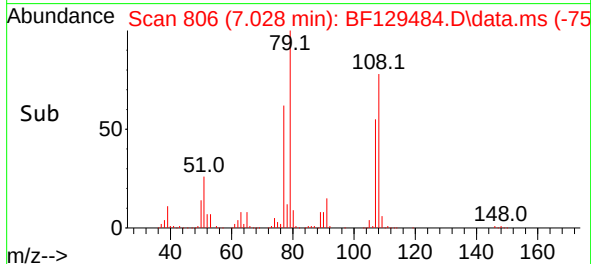
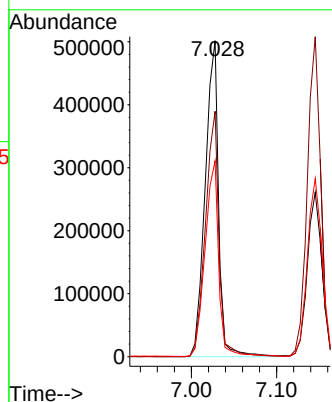
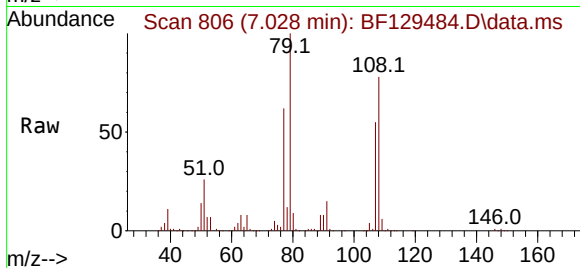
Tgt Ion: 79 Resp: 546579

Ion Ratio Lower Upper

79 100

108 77.7 61.8 92.6

77 62.0 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.053 ng

RT: 7.151 min Scan# 827

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

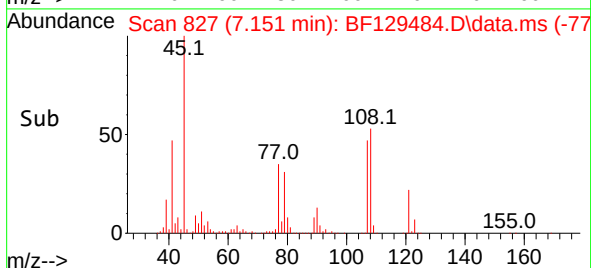
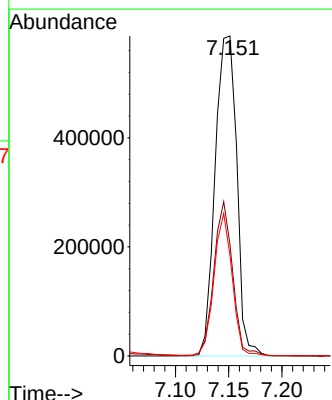
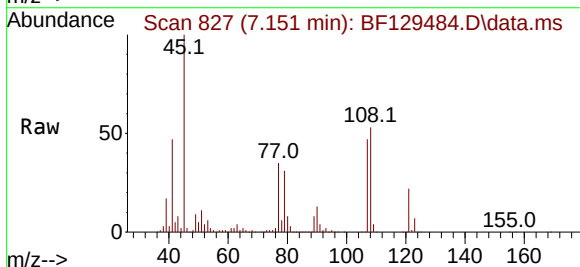
Tgt Ion: 45 Resp: 825178

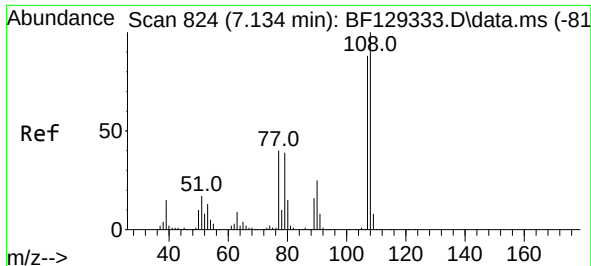
Ion Ratio Lower Upper

45 100

77 34.9 0.0 31.3#

79 31.5 0.0 28.3#

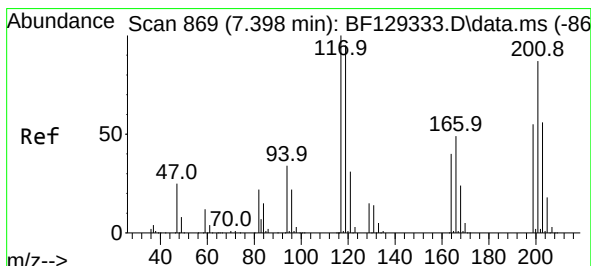
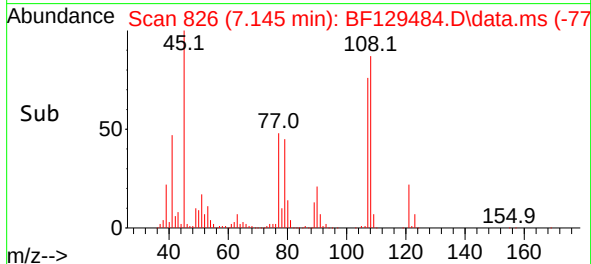
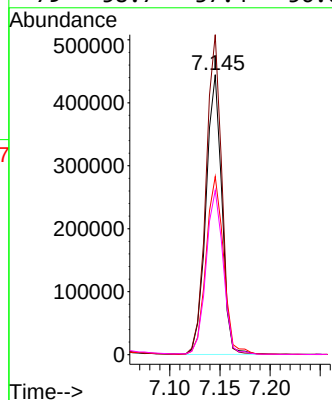
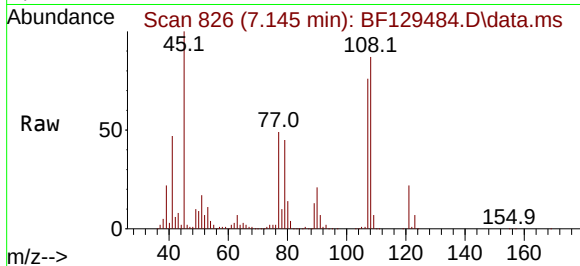




#17
2-Methylphenol
Concen: 47.171 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

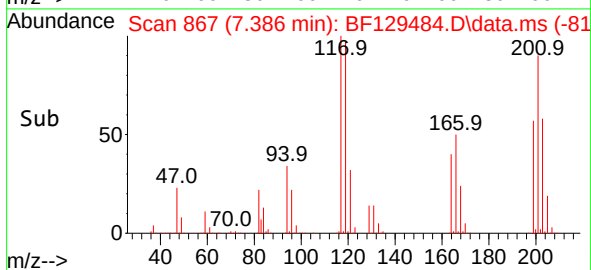
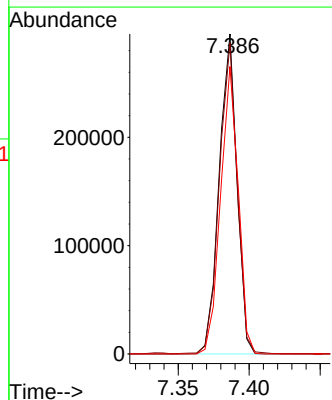
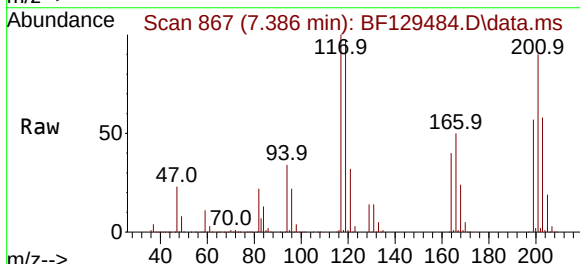
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

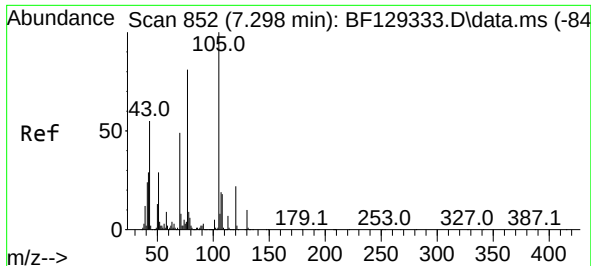
Tgt Ion:107 Resp: 490743
Ion Ratio Lower Upper
107 100
108 114.3 91.9 137.9
77 63.6 37.8 56.8#
79 58.7 37.4 56.0#



#18
Hexachloroethane
Concen: 49.844 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:117 Resp: 256722
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.2
201 89.8 84.6 127.0



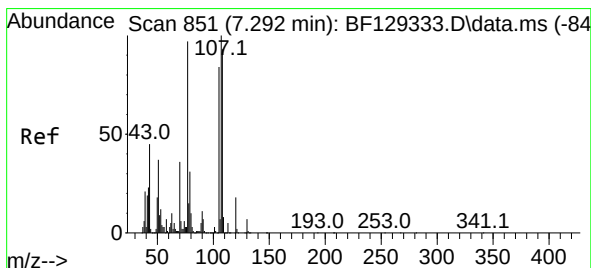
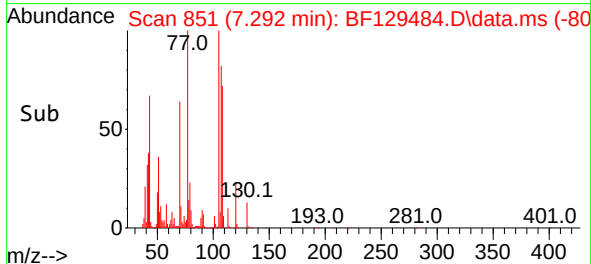
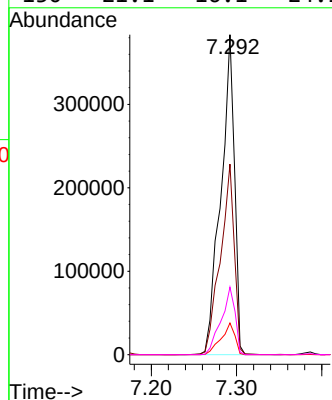
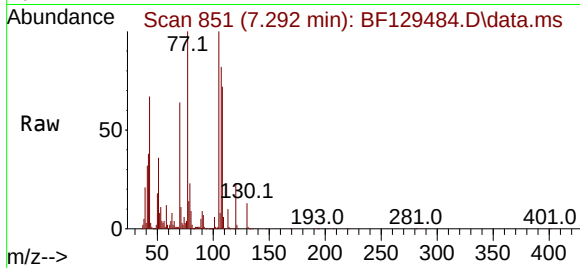


#19
n-Nitroso-di-n-propylamine
Concen: 48.995 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

Tgt Ion: 70 Resp: 427942

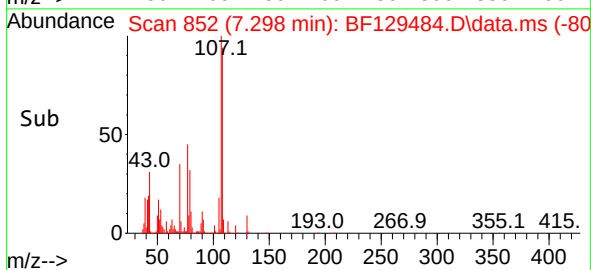
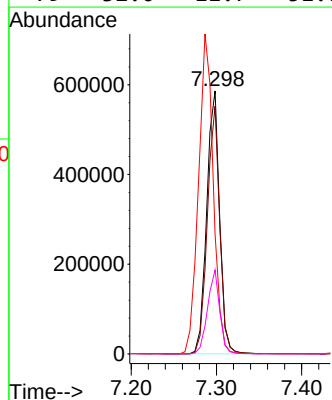
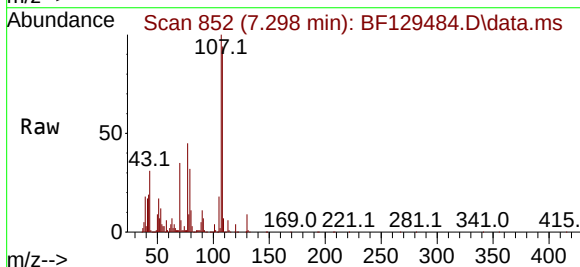
Ion	Ratio	Lower	Upper
70	100		
42	59.6	52.3	78.5
101	9.9	7.5	11.3
130	21.1	16.1	24.1

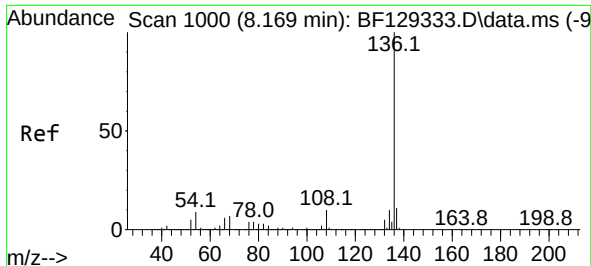


#20
3+4-Methylphenols
Concen: 46.474 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion: 107 Resp: 614743

Ion	Ratio	Lower	Upper
107	100		
108	94.2	71.8	111.8
77	45.4	59.3	99.3#
79	32.0	11.7	51.7

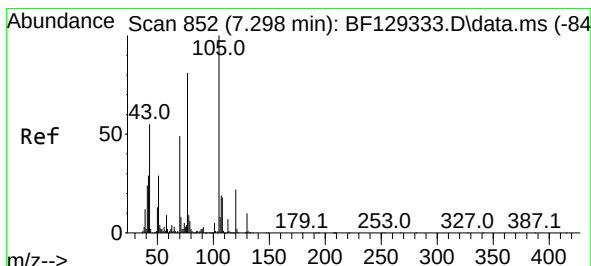
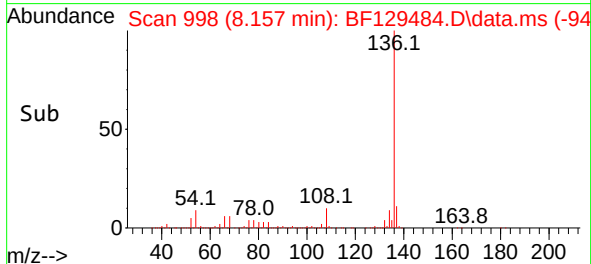
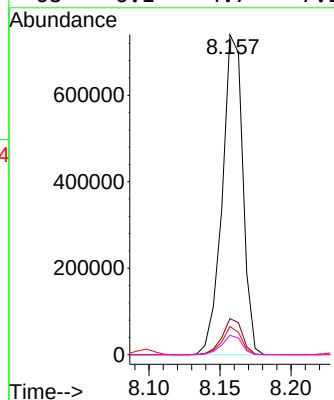
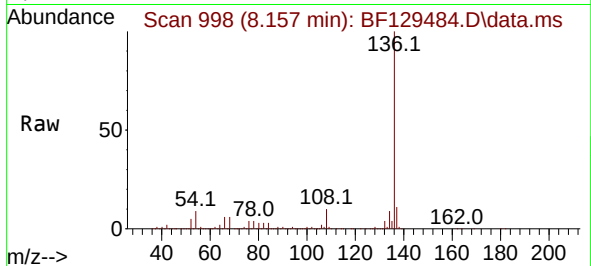




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

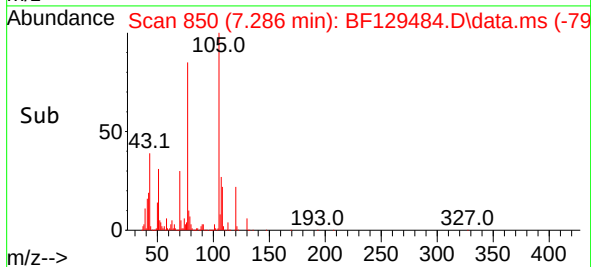
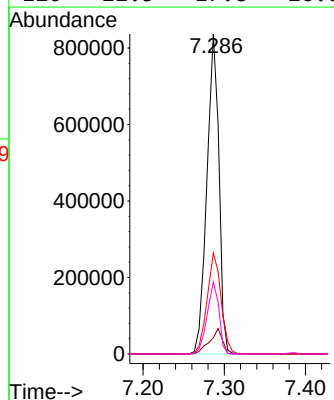
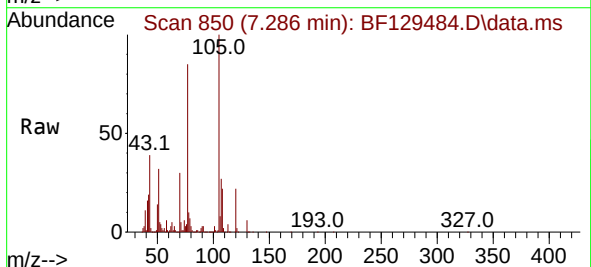
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

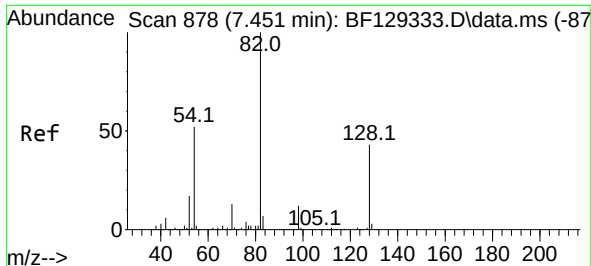
Tgt Ion:136 Resp: 744124
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.8 7.5 11.3
68 6.1 4.7 7.1



#22
Acetophenone
Concen: 49.849 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:105 Resp: 863614
Ion Ratio Lower Upper
105 100
71 5.1 5.0 7.4
51 31.5 25.0 37.4
120 22.5 17.8 26.8





#23

Nitrobenzene-d5

Concen: 74.523 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS

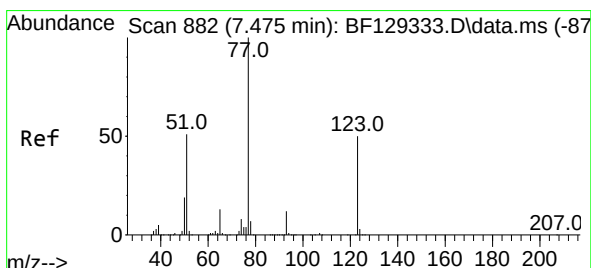
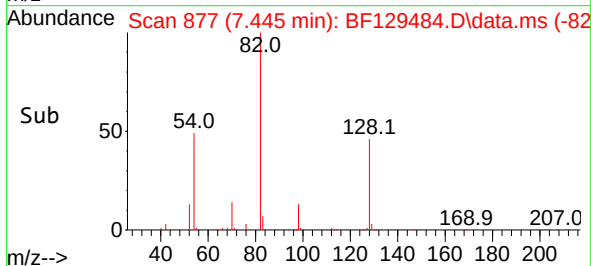
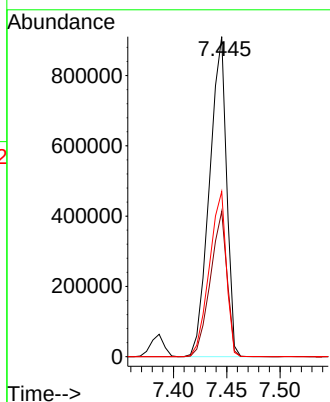
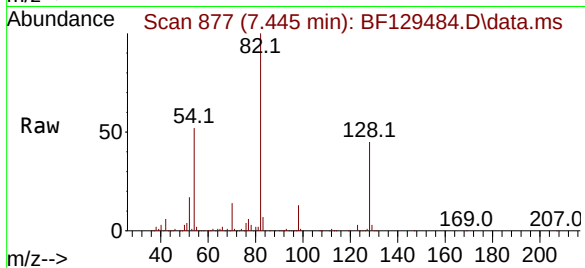
Tgt Ion: 82 Resp: 1015861

Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

54 51.6 46.9 70.3



#24

Nitrobenzene

Concen: 46.588 ng

RT: 7.463 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

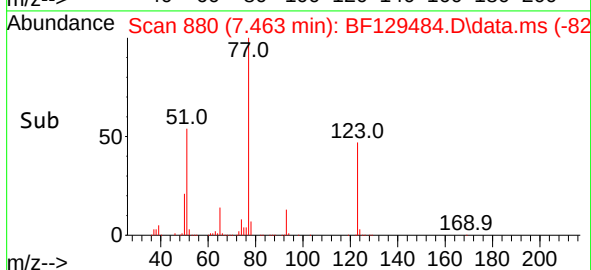
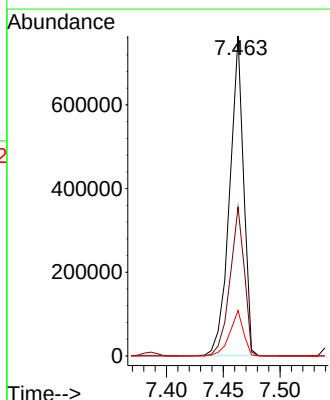
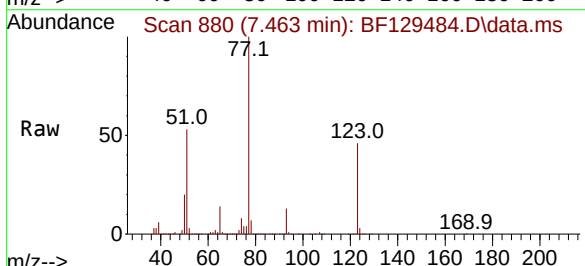
Tgt Ion: 77 Resp: 653964

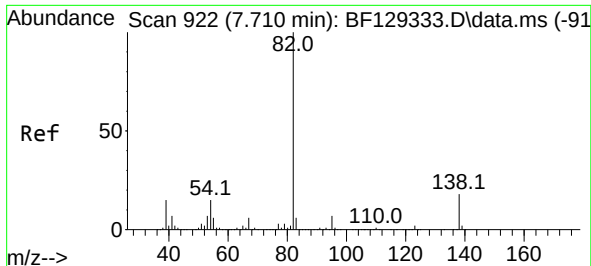
Ion Ratio Lower Upper

77 100

123 46.5 35.4 53.2

65 14.2 11.8 17.8

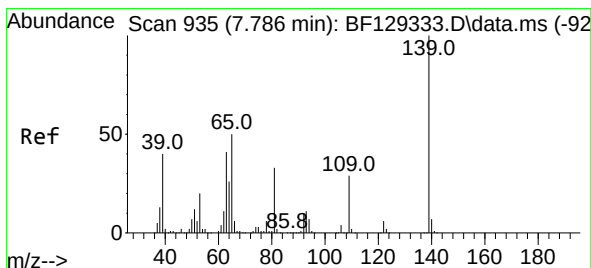
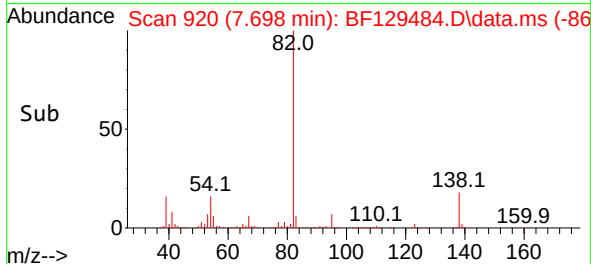
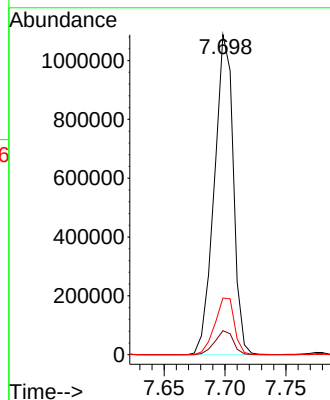
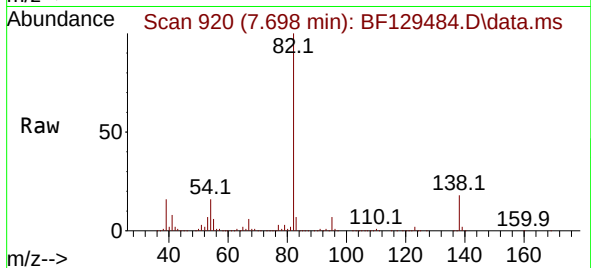




#25
Isophorone
Concen: 48.298 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

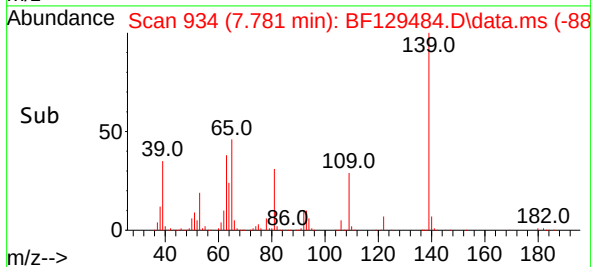
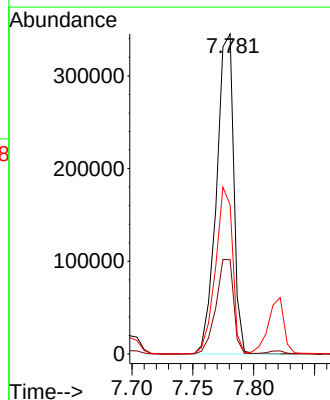
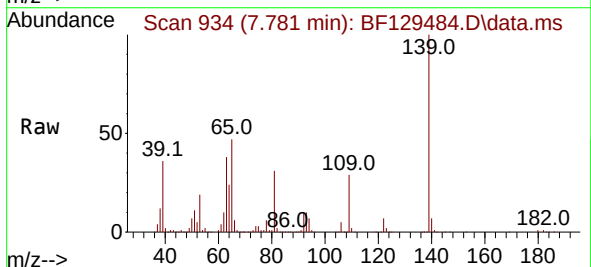
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

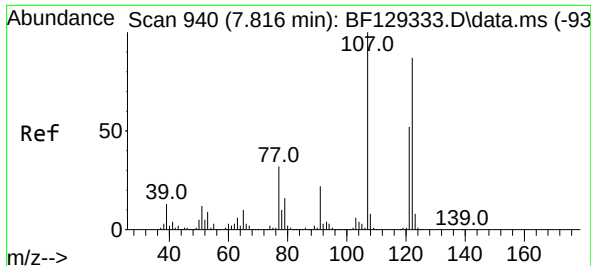
Tgt Ion: 82 Resp: 1180150
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 17.7 14.2 21.2



#26
2-Nitrophenol
Concen: 49.072 ng
RT: 7.781 min Scan# 934
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion: 139 Resp: 339818
Ion Ratio Lower Upper
139 100
109 29.5 25.0 37.4
65 46.6 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 51.907 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.006 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS

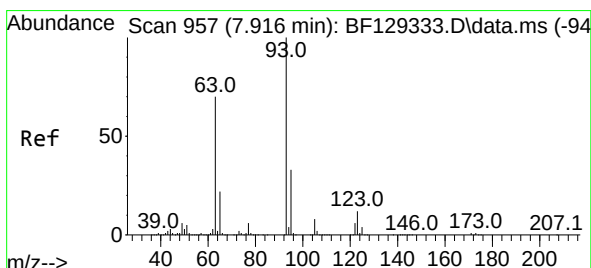
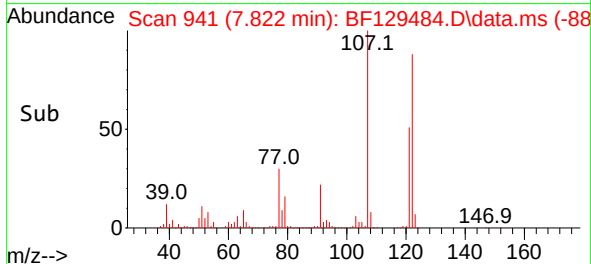
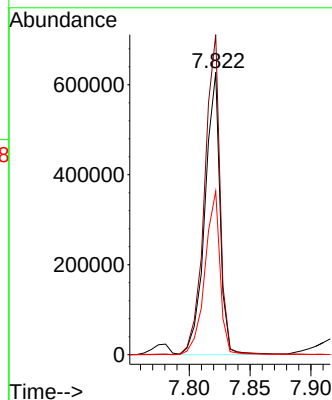
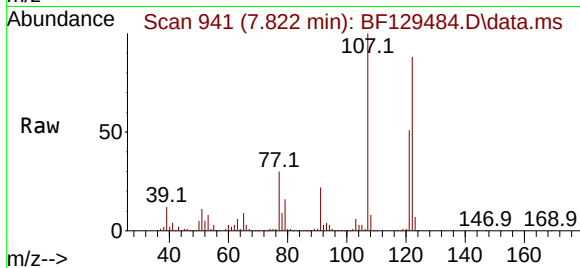
Tgt Ion:122 Resp: 539181

Ion Ratio Lower Upper

122 100

107 113.4 93.0 139.6

121 57.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 51.749 ng

RT: 7.904 min Scan# 955

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

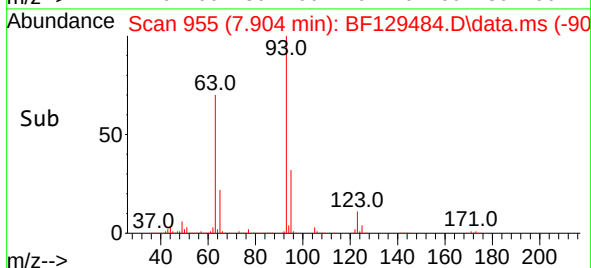
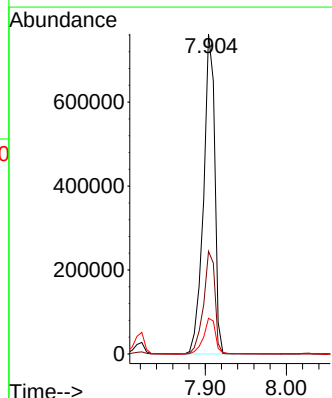
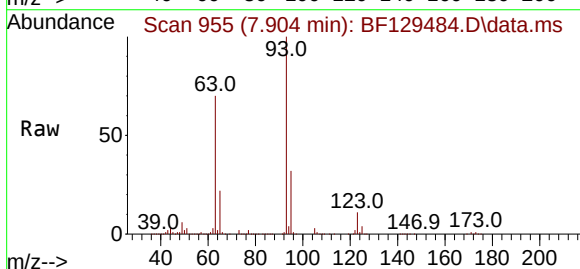
Tgt Ion: 93 Resp: 733521

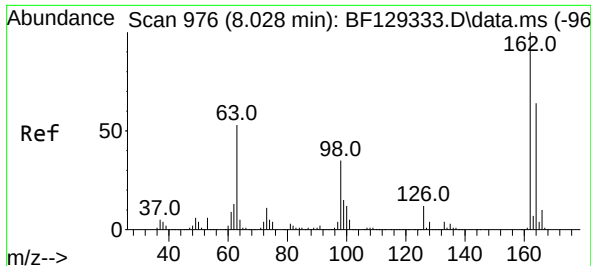
Ion Ratio Lower Upper

93 100

95 32.1 26.8 40.2

123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.219 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129484.D

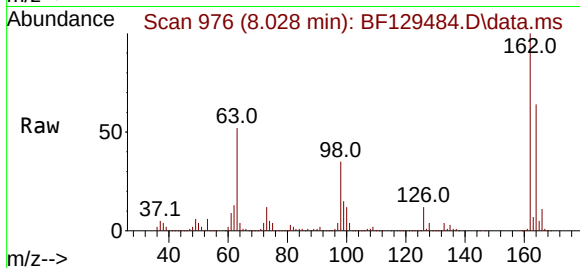
Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS



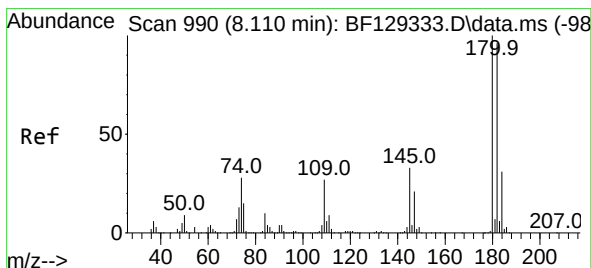
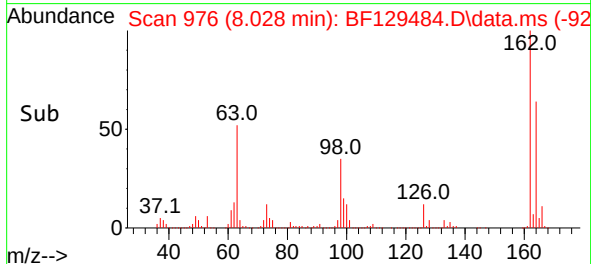
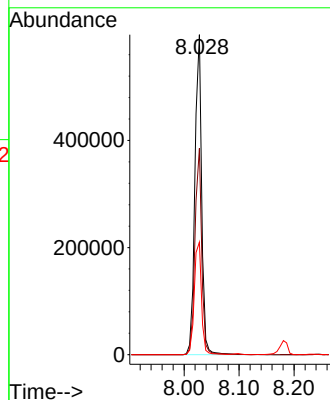
Tgt Ion:162 Resp: 506251

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 35.1 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 46.511 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

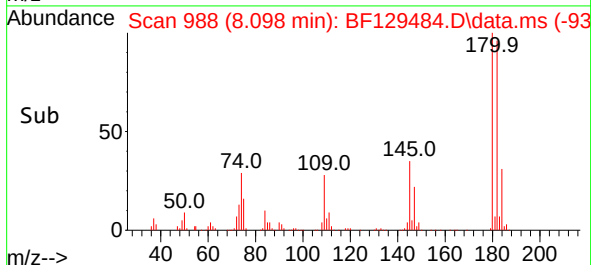
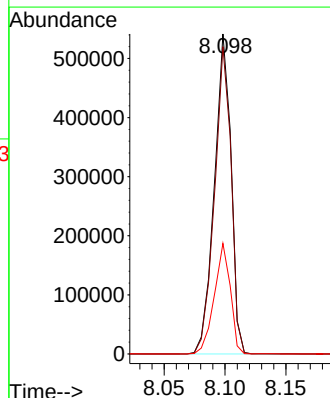
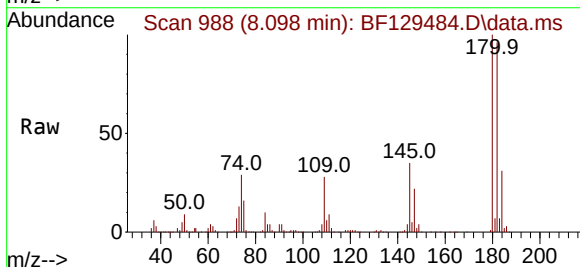
Tgt Ion:180 Resp: 516152

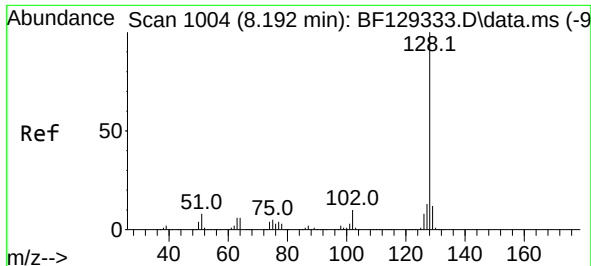
Ion Ratio Lower Upper

180 100

182 96.1 79.2 118.8

145 34.5 26.2 39.2

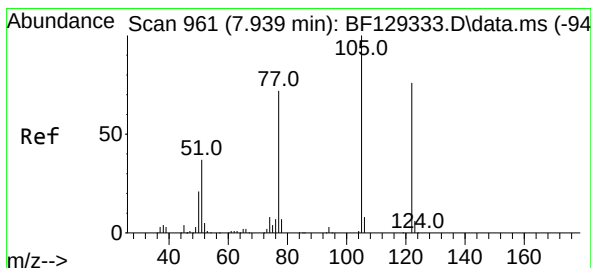
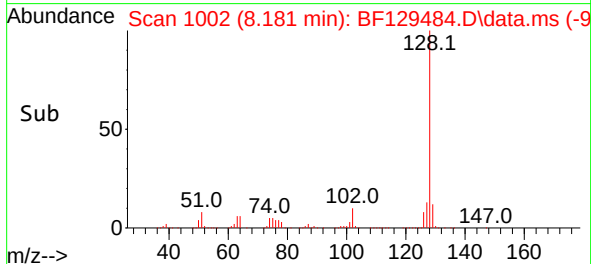
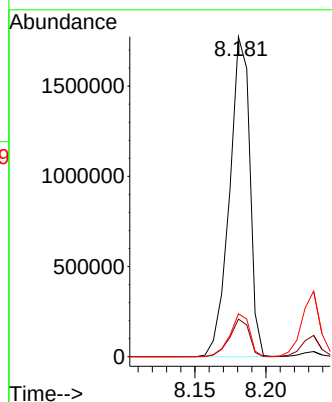
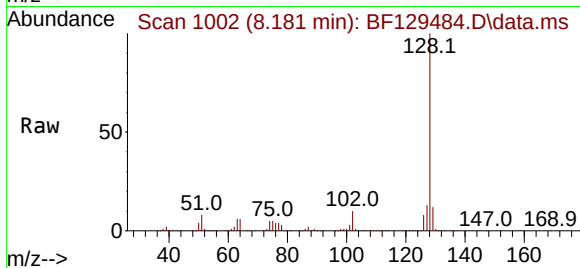




#31
Naphthalene
Concen: 46.608 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

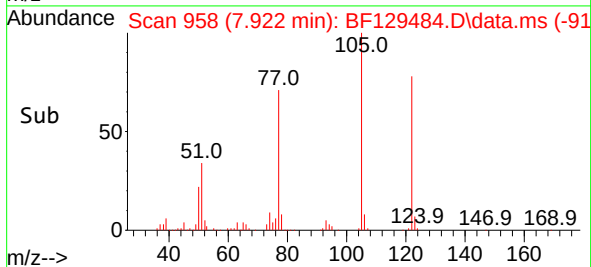
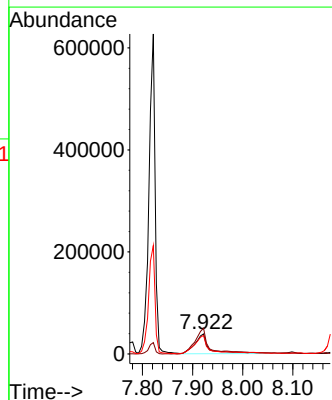
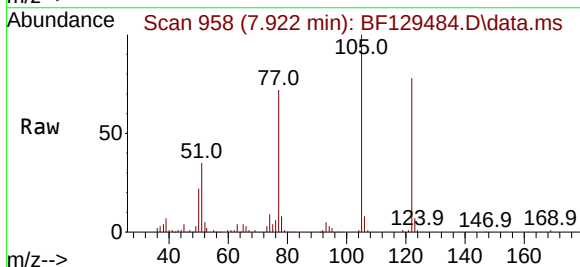
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

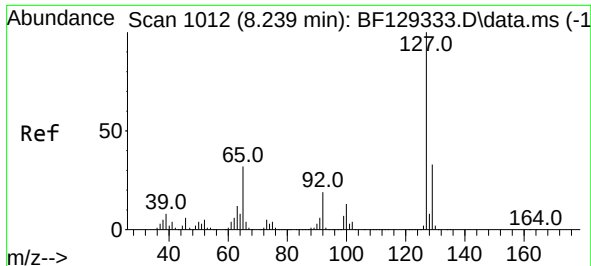
Tgt Ion:128 Resp: 1762052
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 10.386 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.018 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:122 Resp: 77994
Ion Ratio Lower Upper
122 100
105 128.1 107.1 147.1
77 92.8 74.2 114.2

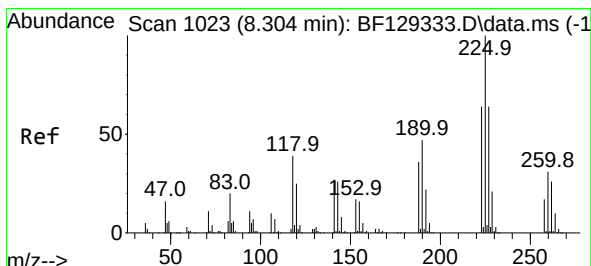
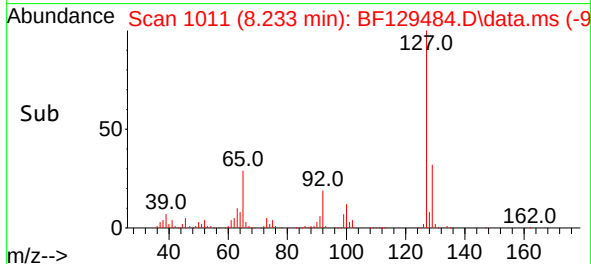
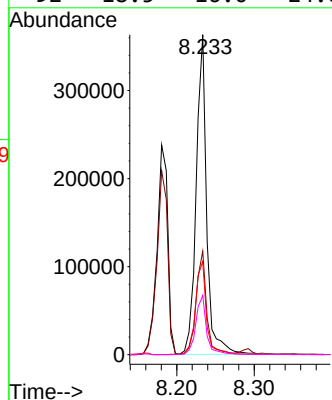
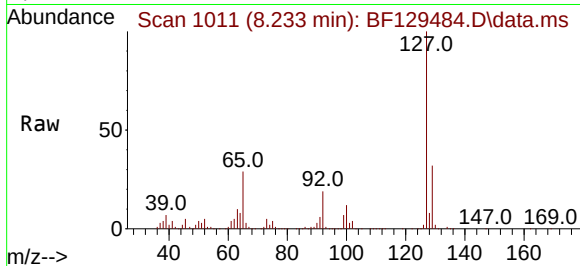




#33
4-Chloroaniline
Concen: 22.072 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

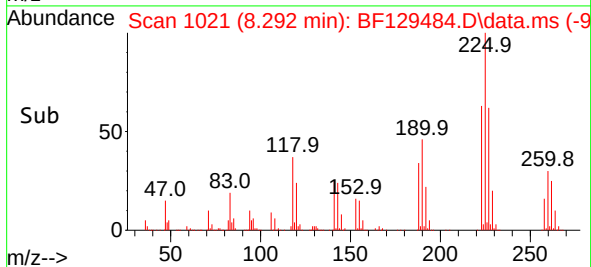
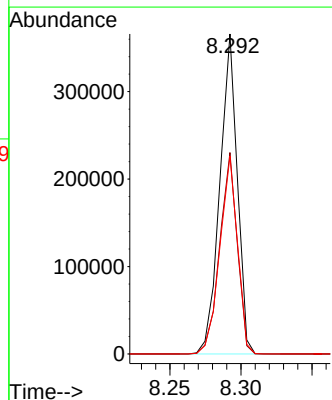
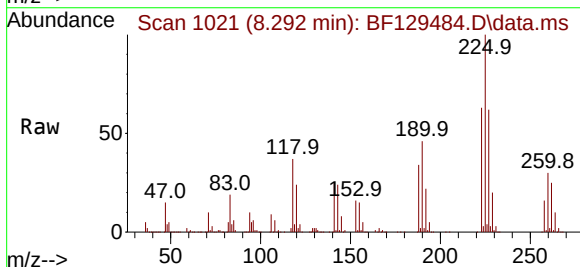
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

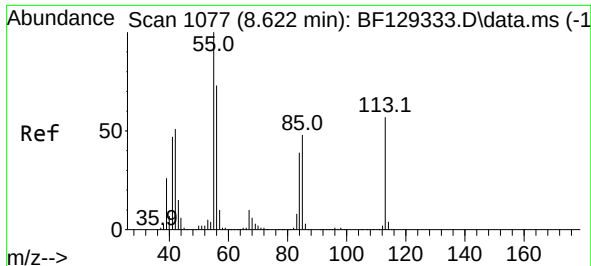
Tgt Ion:	127	Resp:	342587
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.4	39.6
65	29.1	26.4	39.6
92	18.5	16.0	24.0



#34
Hexachlorobutadiene
Concen: 49.437 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:	225	Resp:	311853
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.0	76.6
227	61.9	51.1	76.7

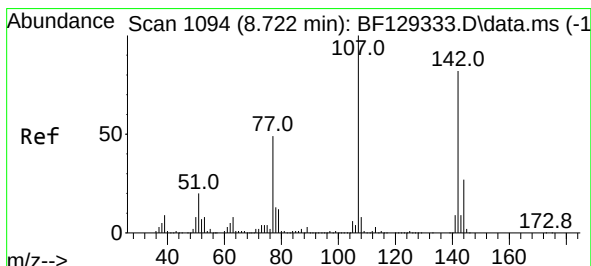
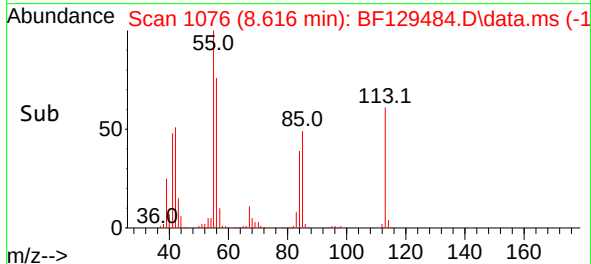
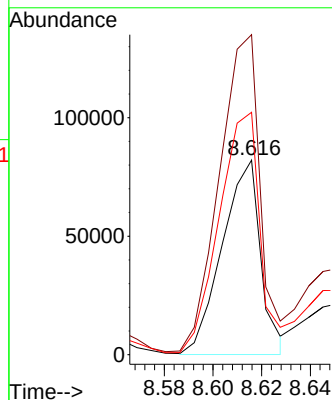
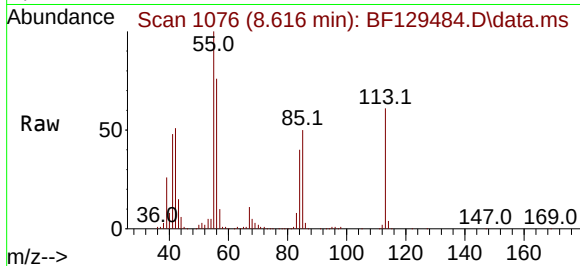




#35
 Caprolactam
 Concen: 25.811 ng
 RT: 8.616 min Scan# 1076
 Delta R.T. -0.000 min
 Lab File: BF129484.D
 Acq: 01 Aug 2022 21:00

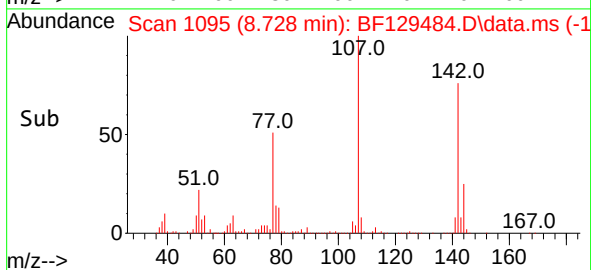
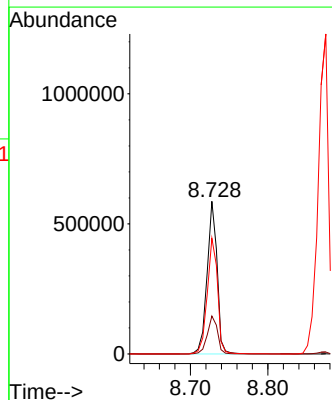
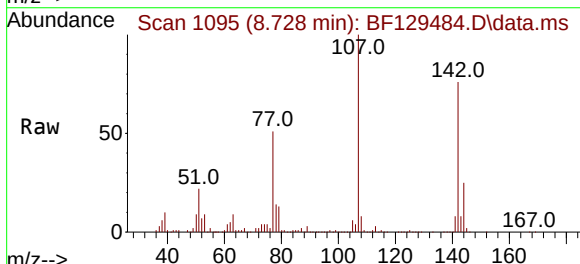
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729MS

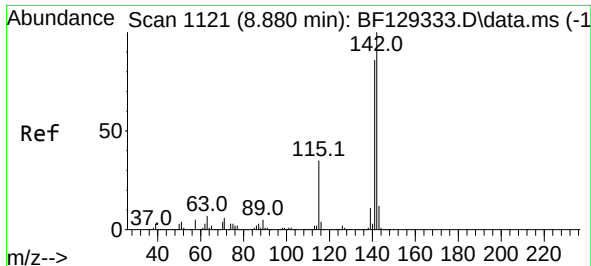
Tgt Ion:113 Resp: 89968
 Ion Ratio Lower Upper
 113 100
 55 164.5 188.5 228.5#
 56 124.6 130.6 170.6#



#36
 4-Chloro-3-methylphenol
 Concen: 46.364 ng
 RT: 8.728 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF129484.D
 Acq: 01 Aug 2022 21:00

Tgt Ion:107 Resp: 527212
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.5 29.3
 142 75.8 58.2 87.4





#37

2-Methylnaphthalene

Concen: 46.410 ng

RT: 8.875 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

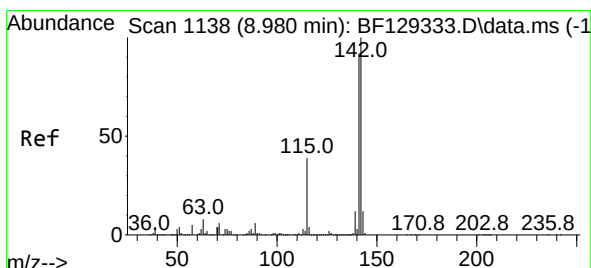
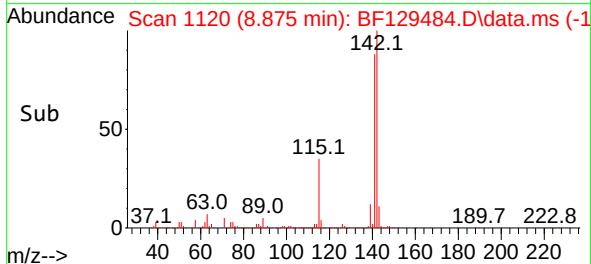
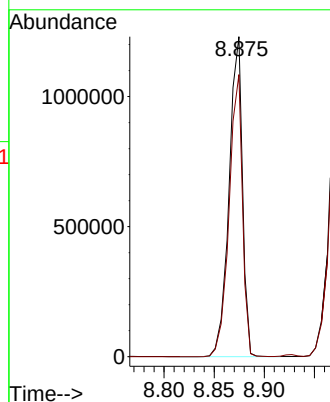
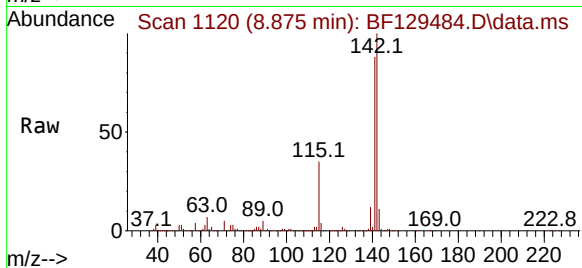
TP1-0729MS

Tgt Ion:142 Resp: 1140237

Ion Ratio Lower Upper

142 100

141 88.1 71.0 106.4



#38

1-Methylnaphthalene

Concen: 45.324 ng

RT: 8.975 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF129484.D

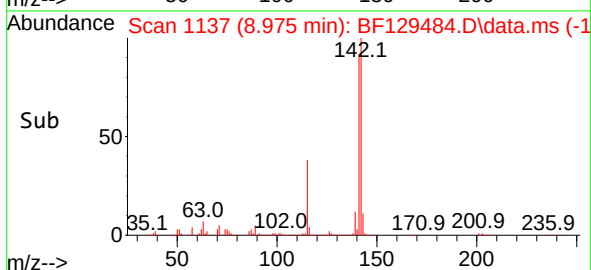
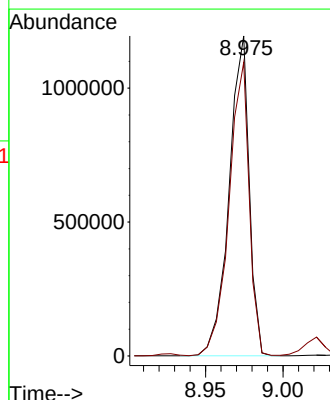
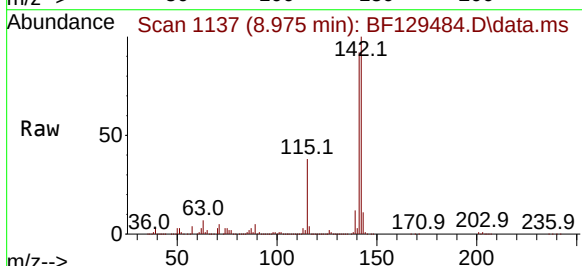
Acq: 01 Aug 2022 21:00

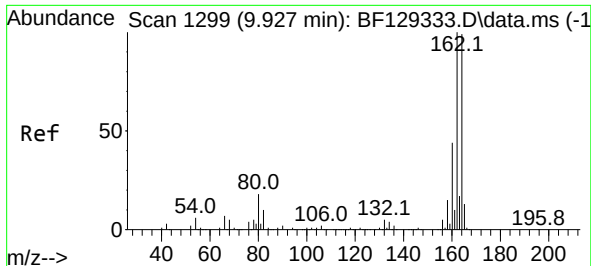
Tgt Ion:142 Resp: 1074957

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.4

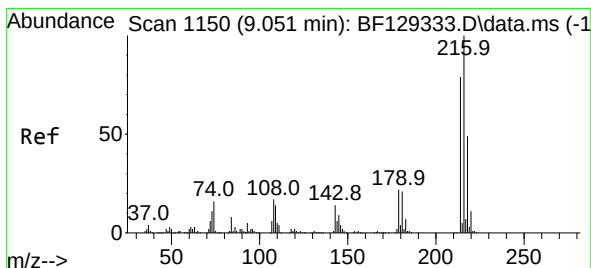
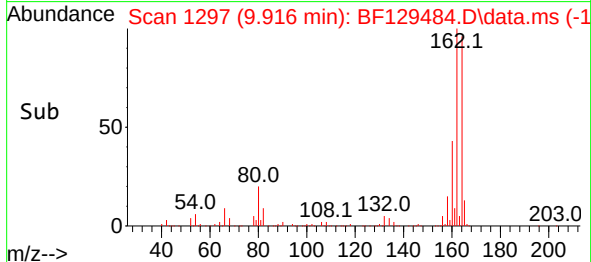
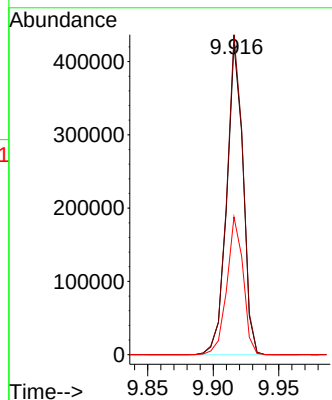
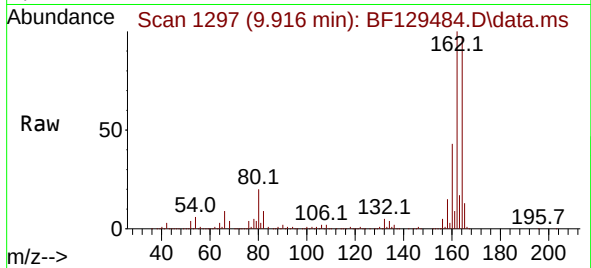




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

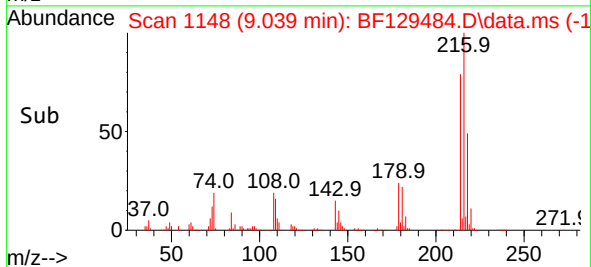
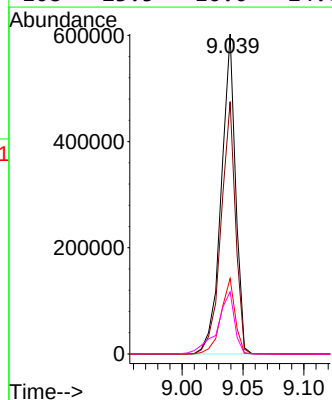
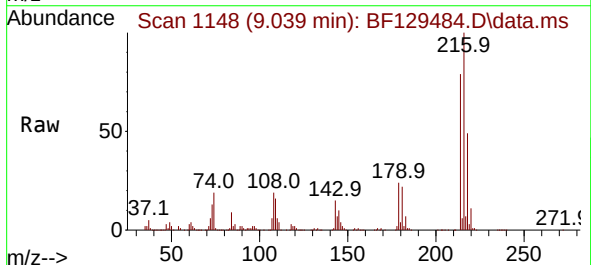
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

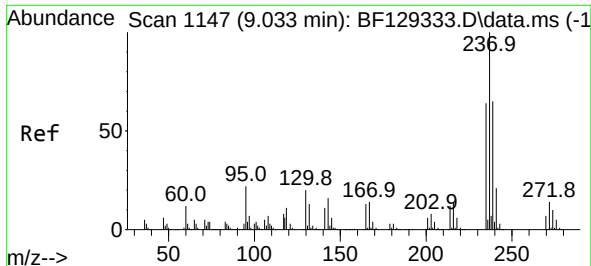
Tgt Ion:164 Resp: 365258
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.3 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.332 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:216 Resp: 492319
Ion Ratio Lower Upper
216 100
214 79.5 63.6 95.4
179 23.3 17.0 25.6
108 23.5 16.0 24.0

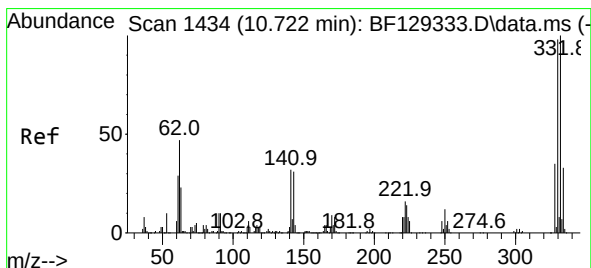
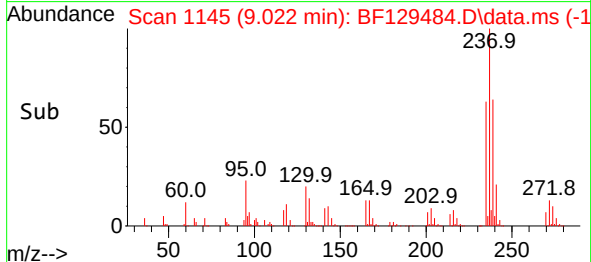
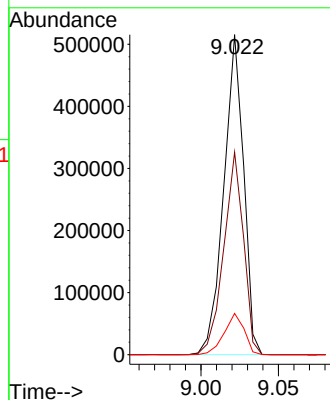
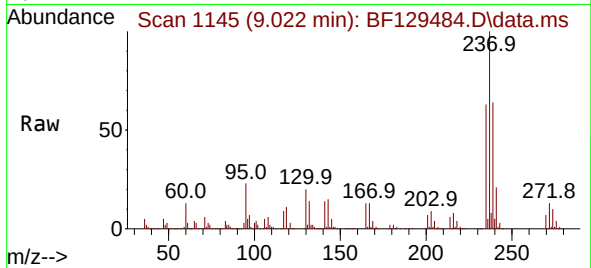




#41
Hexachlorocyclopentadiene
Concen: 107.282 ng
RT: 9.022 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

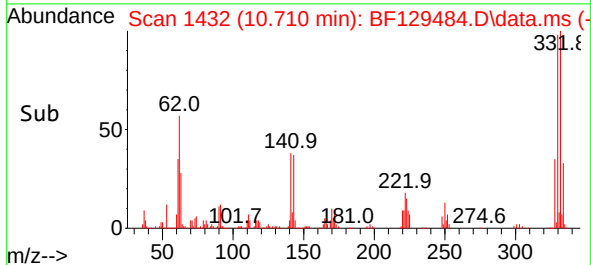
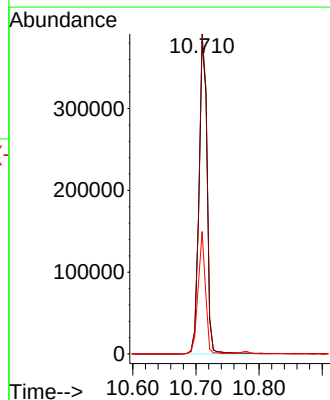
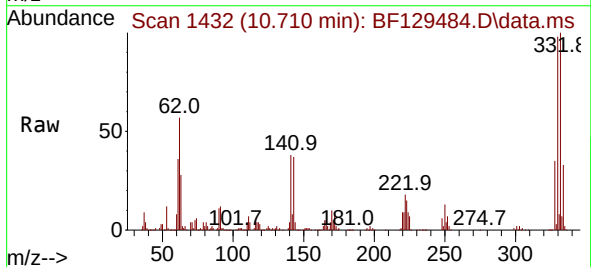
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

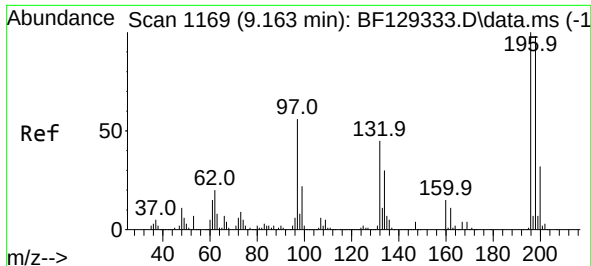
Tgt Ion:237 Resp: 458173
Ion Ratio Lower Upper
237 100
235 63.3 43.2 83.2
272 12.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 96.915 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:330 Resp: 340334
Ion Ratio Lower Upper
330 100
332 102.0 76.8 115.2
141 35.6 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 47.313 ng

RT: 9.157 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS

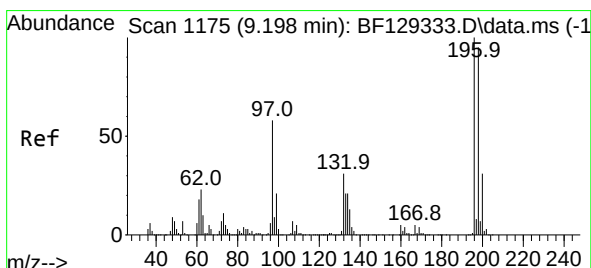
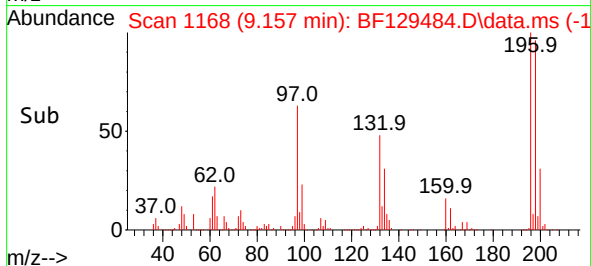
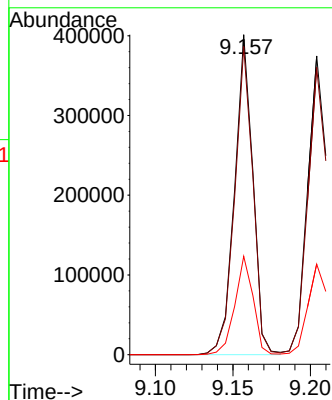
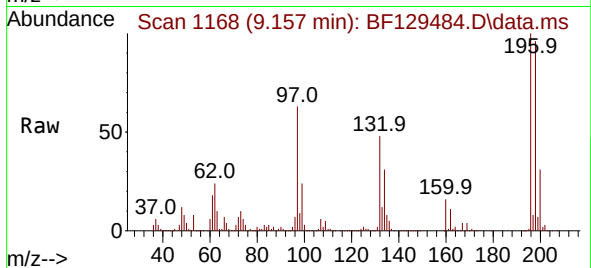
Tgt Ion:196 Resp: 329583

Ion Ratio Lower Upper

196 100

198 96.3 74.0 111.0

200 30.8 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 44.752 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Tgt Ion:196 Resp: 339010

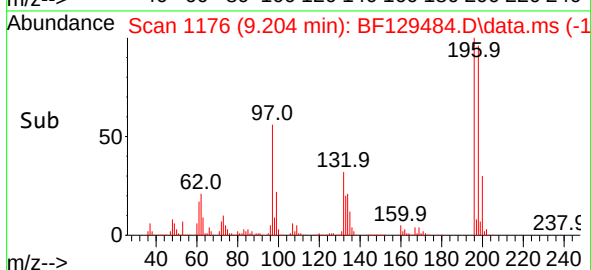
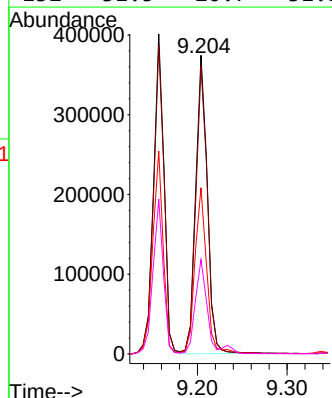
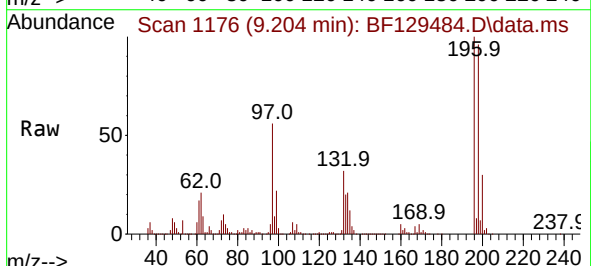
Ion Ratio Lower Upper

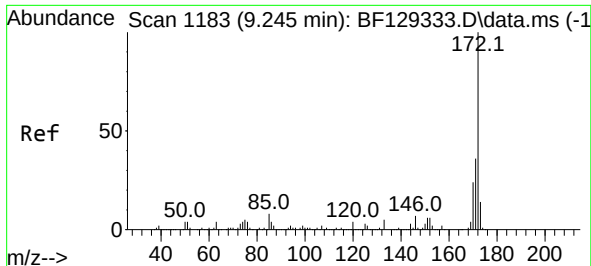
196 100

198 96.1 75.7 113.5

97 55.6 36.4 54.6#

132 31.5 20.7 31.1#





#45

2-Fluorobiphenyl

Concen: 73.447 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS

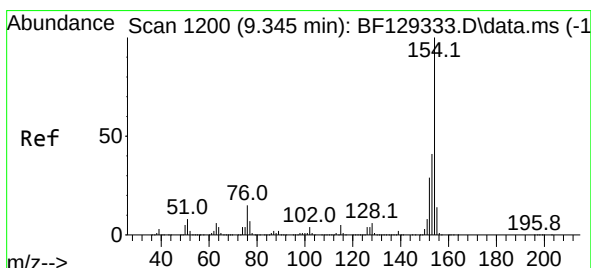
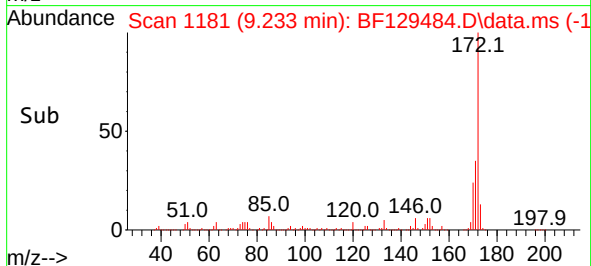
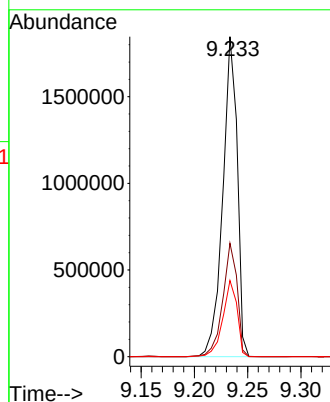
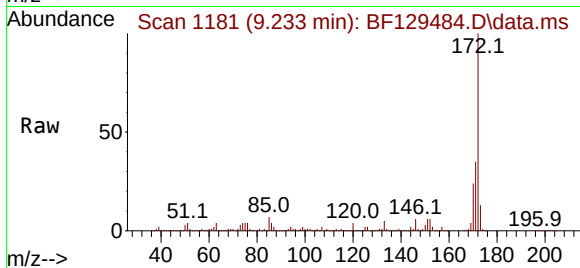
Tgt Ion:172 Resp: 1734198

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.8 19.8 29.8



#46

1,1'-Biphenyl

Concen: 50.672 ng

RT: 9.339 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

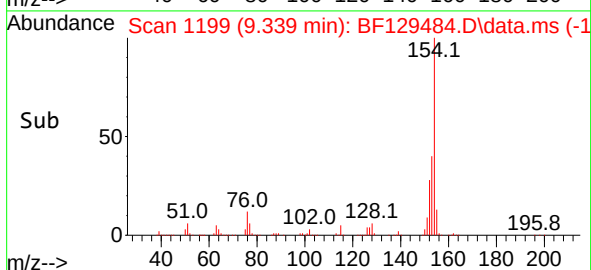
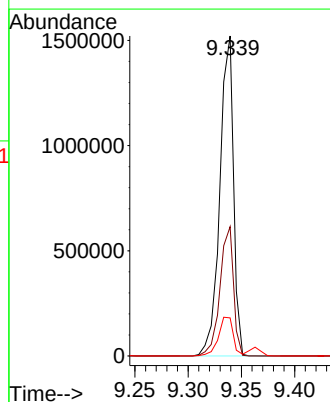
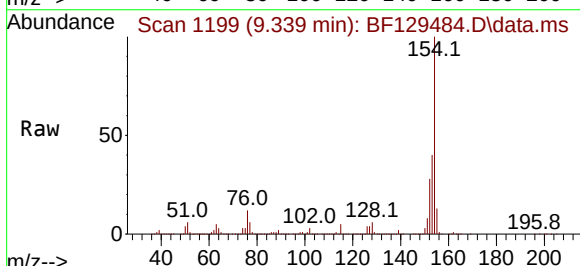
Tgt Ion:154 Resp: 1350749

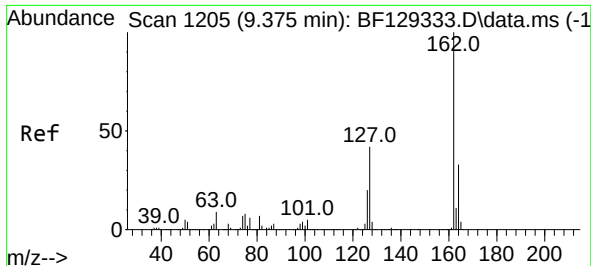
Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

76 11.9 0.0 33.3

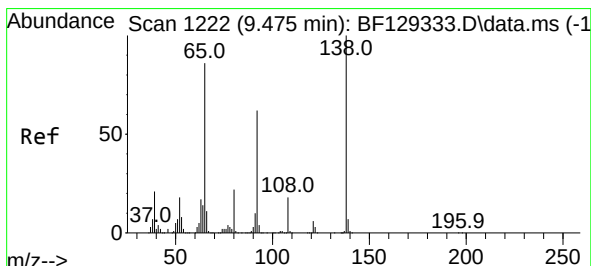
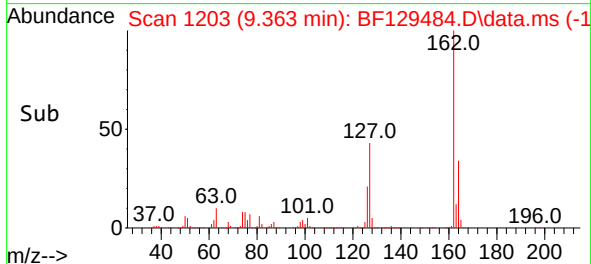
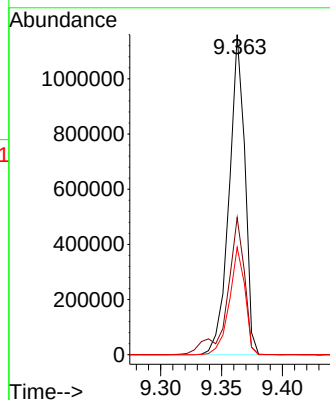
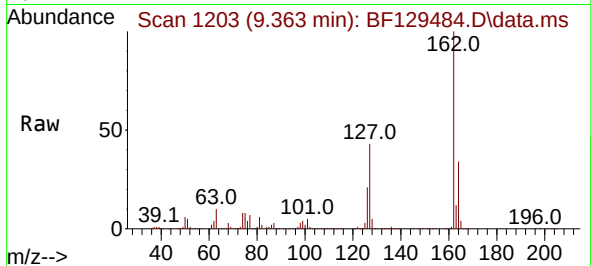




#47
2-Chloronaphthalene
Concen: 48.518 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

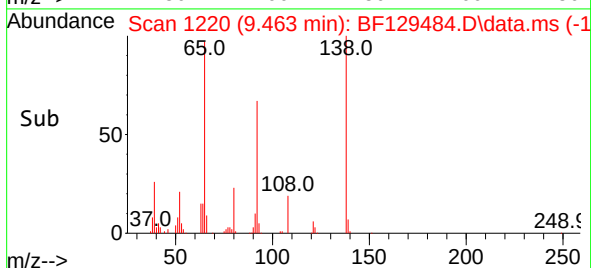
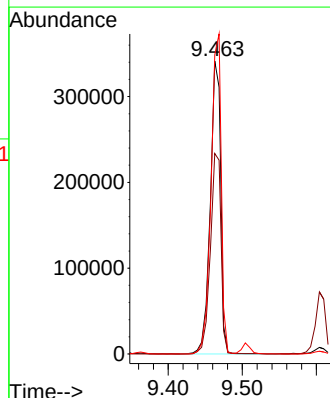
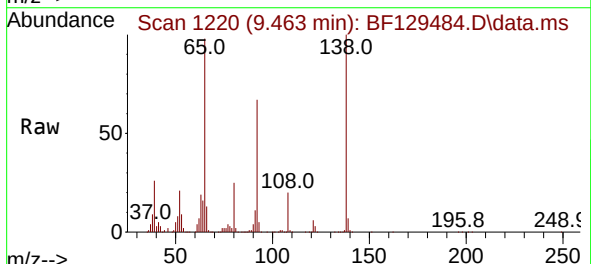
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

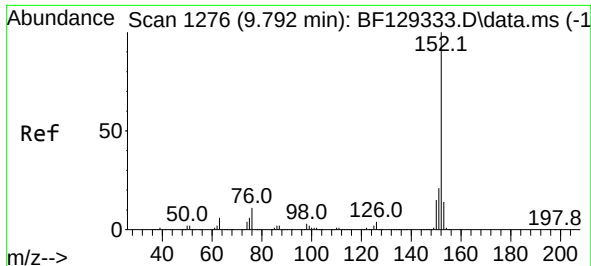
Tgt Ion:162 Resp: 1045514
Ion Ratio Lower Upper
162 100
127 42.8 34.5 51.7
164 33.6 26.5 39.7



#48
2-Nitroaniline
Concen: 46.605 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion: 65 Resp: 333950
Ion Ratio Lower Upper
65 100
92 68.4 51.9 77.9
138 102.1 76.4 114.6





#49

Acenaphthylene

Concen: 47.675 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS

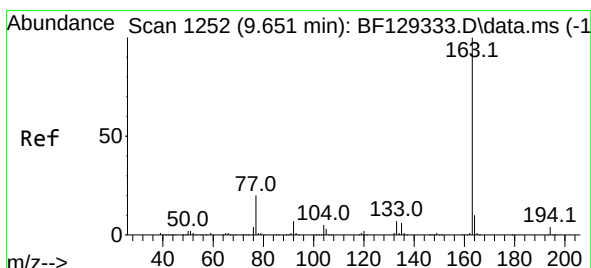
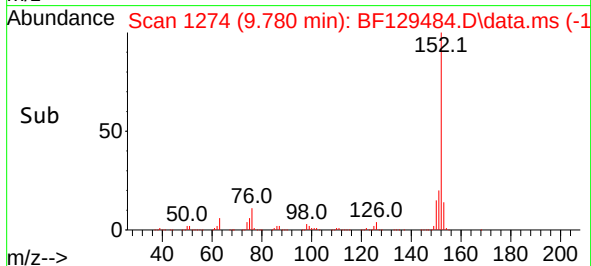
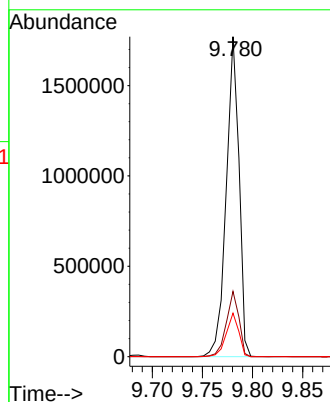
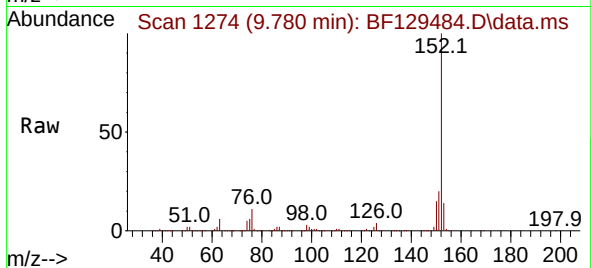
Tgt Ion:152 Resp: 1561071

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.6 10.7 16.1



#50

Dimethylphthalate

Concen: 48.397 ng

RT: 9.639 min Scan# 1250

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

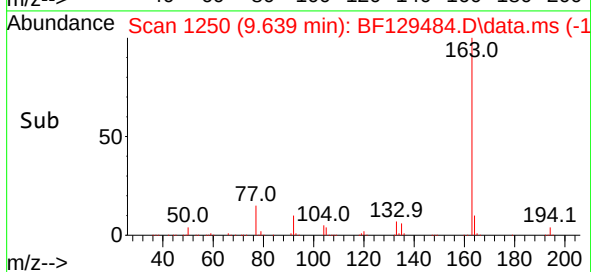
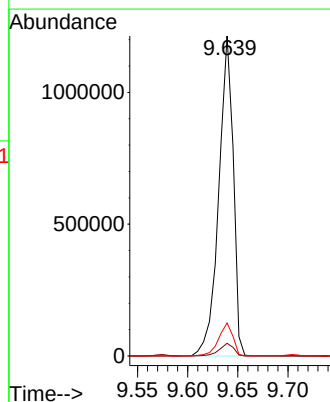
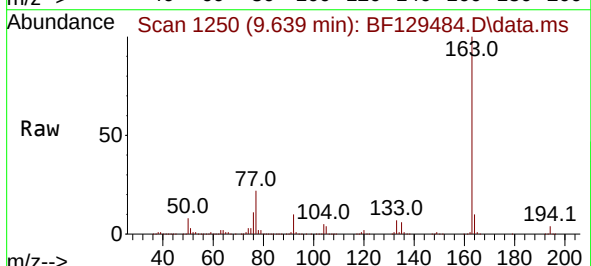
Tgt Ion:163 Resp: 1220327

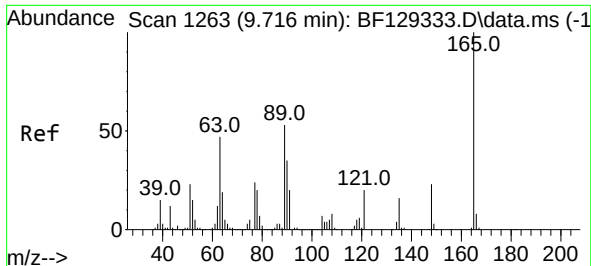
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.943 ng

RT: 9.704 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS

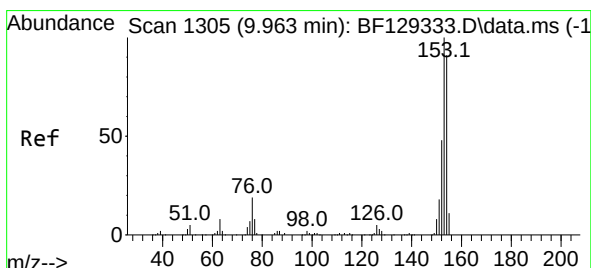
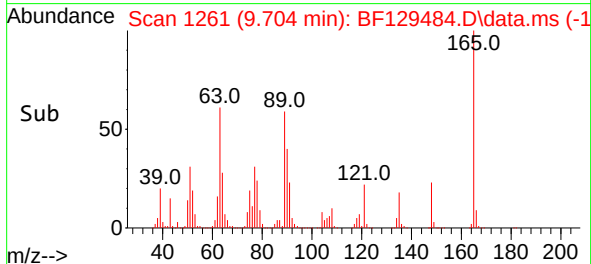
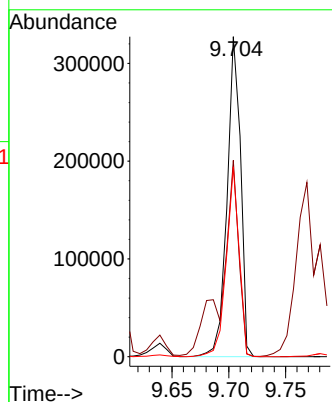
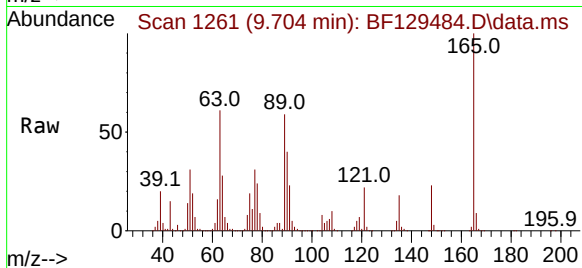
Tgt Ion:165 Resp: 270572

Ion Ratio Lower Upper

165 100

63 61.3 44.9 67.3

89 59.4 43.6 65.4



#52

Acenaphthene

Concen: 43.330 ng

RT: 9.951 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

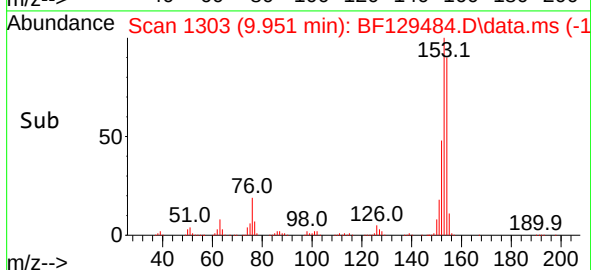
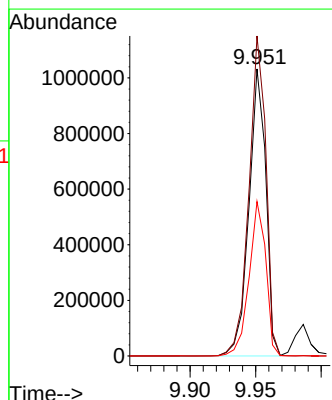
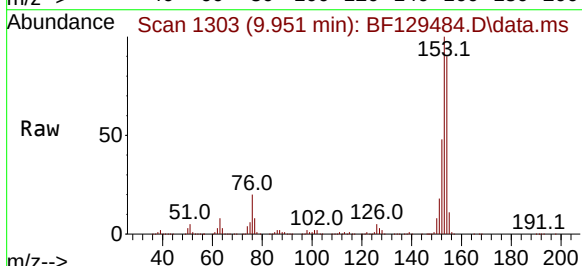
Tgt Ion:154 Resp: 926666

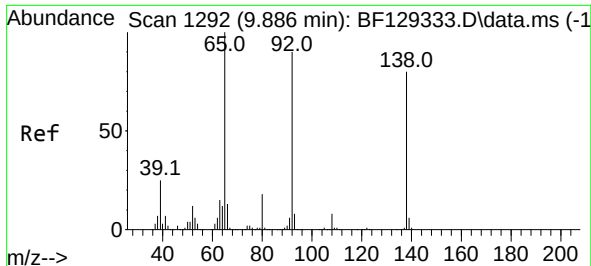
Ion Ratio Lower Upper

154 100

153 111.5 89.6 134.4

152 53.8 42.4 63.6

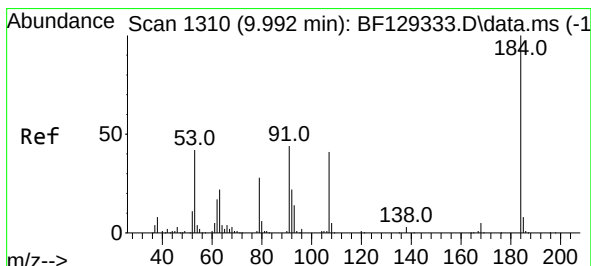
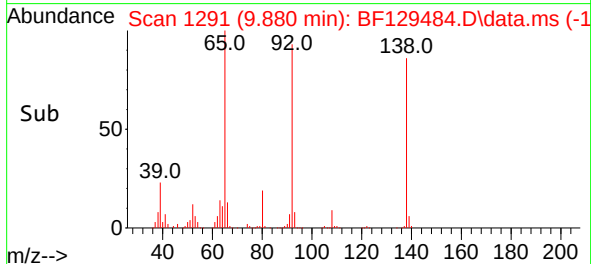
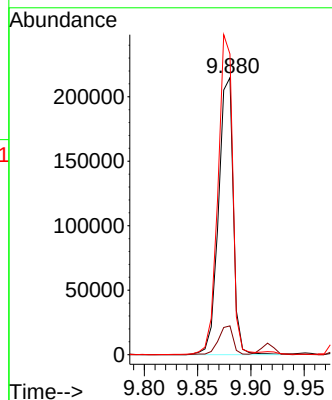
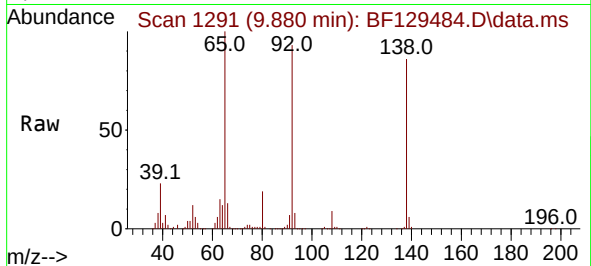




#53
3-Nitroaniline
Concen: 31.159 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

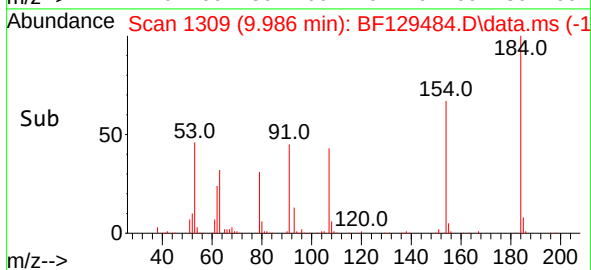
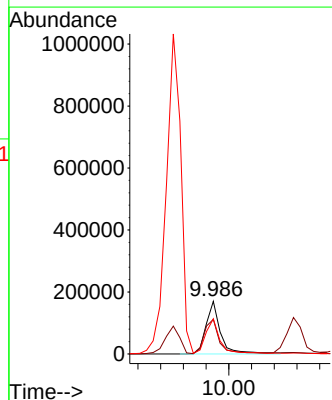
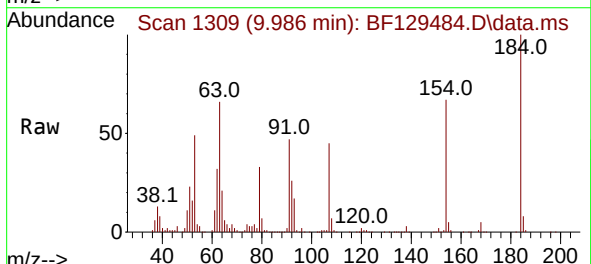
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

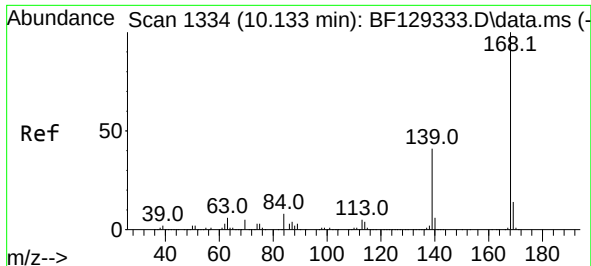
Tgt Ion:138 Resp: 207650
Ion Ratio Lower Upper
138 100
108 10.4 10.9 16.3#
92 108.6 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 52.285 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:184 Resp: 150636
Ion Ratio Lower Upper
184 100
63 65.6 64.5 96.7
154 66.8 50.6 75.8

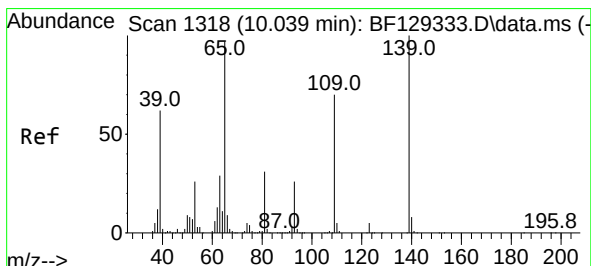
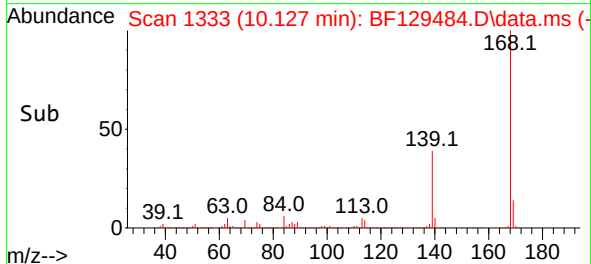
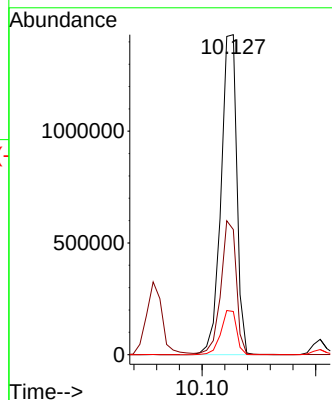
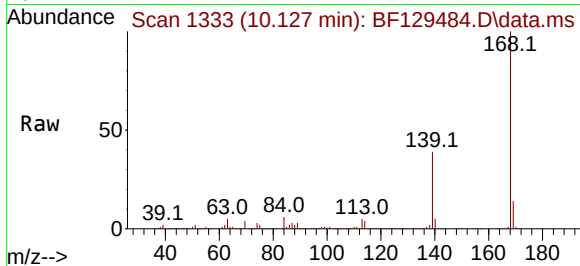




#55
Dibenzenofuran
Concen: 47.125 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

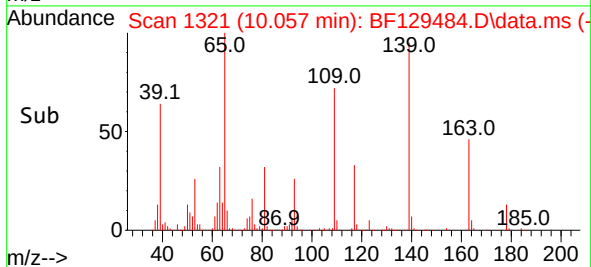
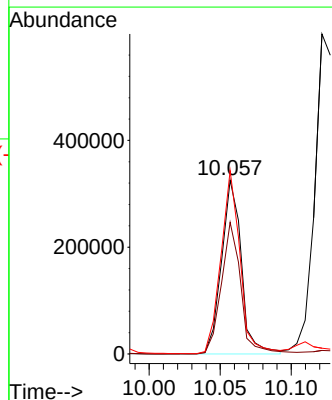
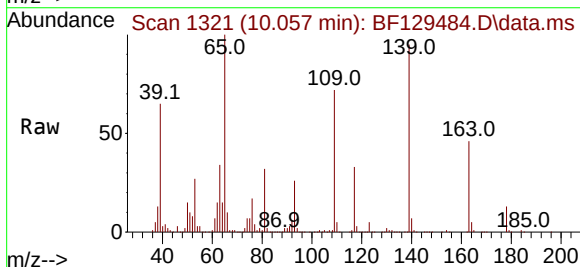
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

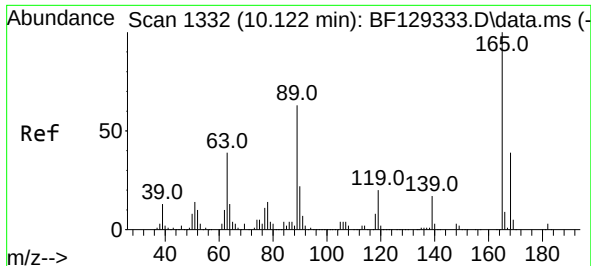
Tgt Ion:168 Resp: 1389332
Ion Ratio Lower Upper
168 100
139 39.1 30.6 46.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 64.135 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:139 Resp: 315321
Ion Ratio Lower Upper
139 100
109 75.7 50.7 90.7
65 105.4 74.5 114.5

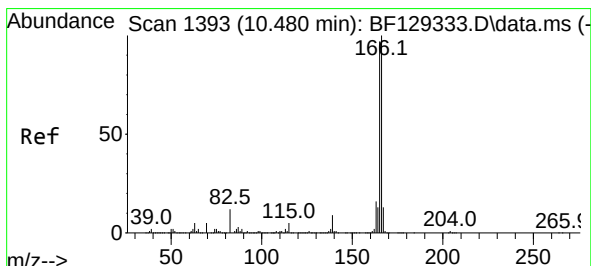
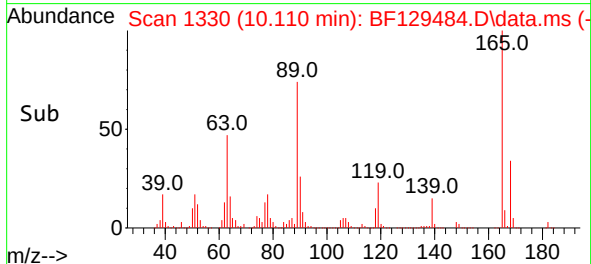
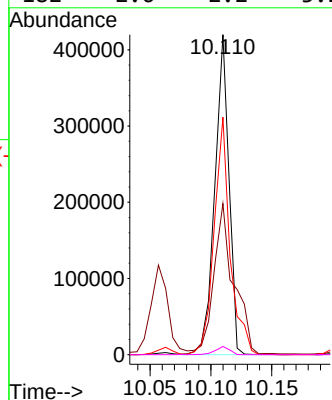
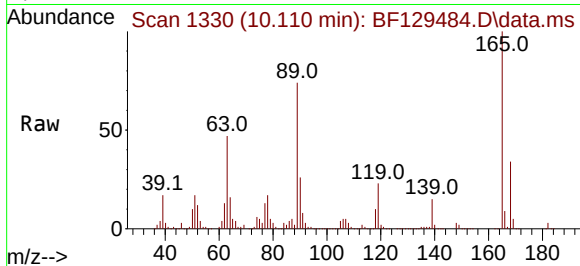




#57
2,4-Dinitrotoluene
Concen: 46.333 ng
RT: 10.110 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

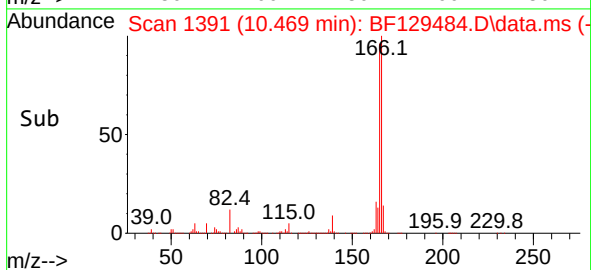
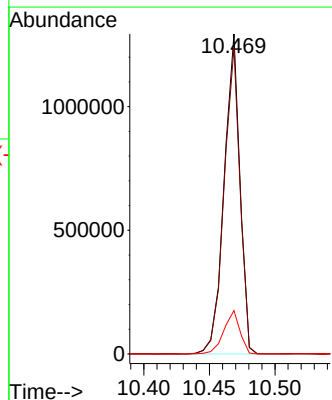
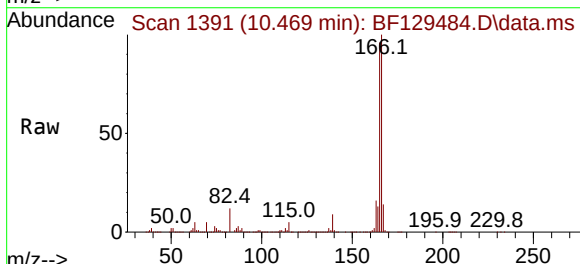
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

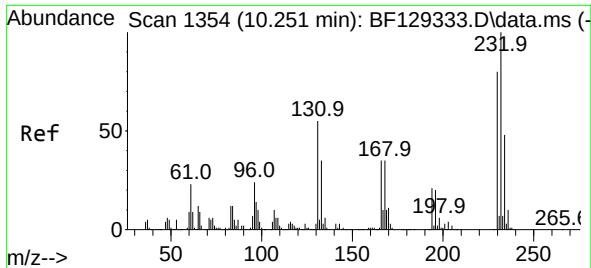
Tgt Ion:165 Resp: 341593
Ion Ratio Lower Upper
165 100
63 47.2 39.8 59.6
89 74.2 60.2 90.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 45.849 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:166 Resp: 1081539
Ion Ratio Lower Upper
166 100
165 95.8 78.1 117.1
167 13.6 10.5 15.7

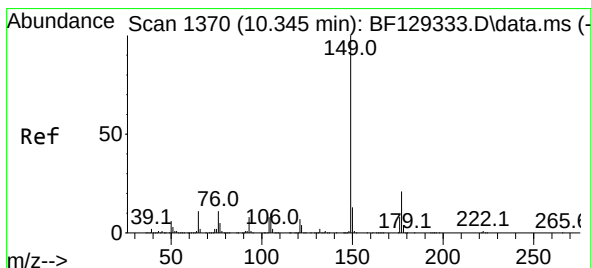
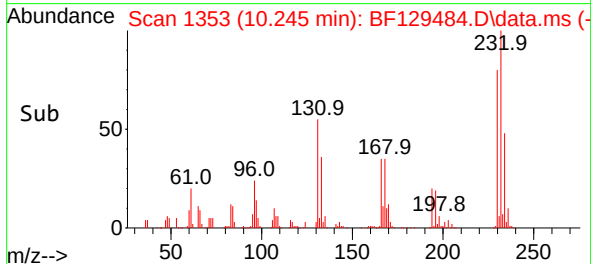
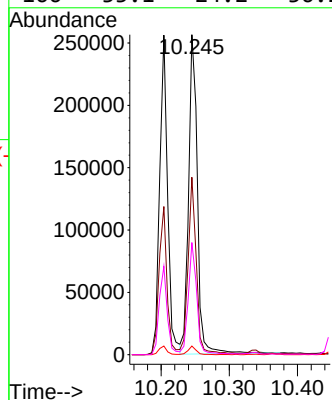
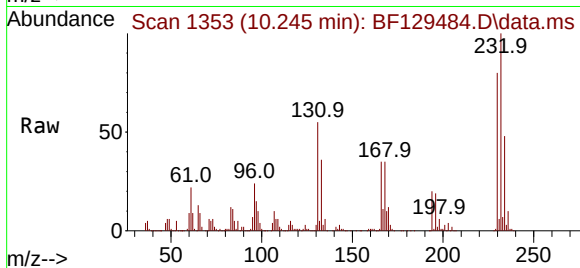




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.061 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

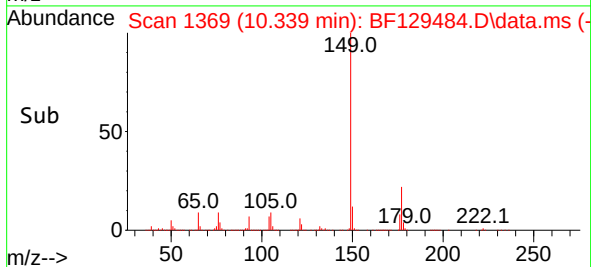
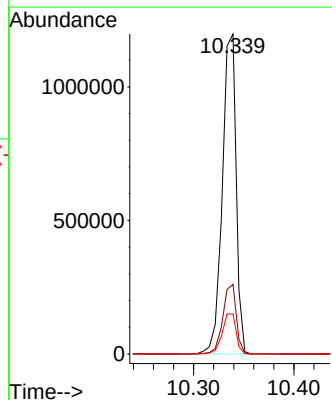
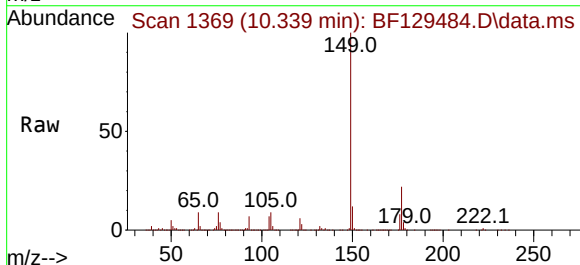
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

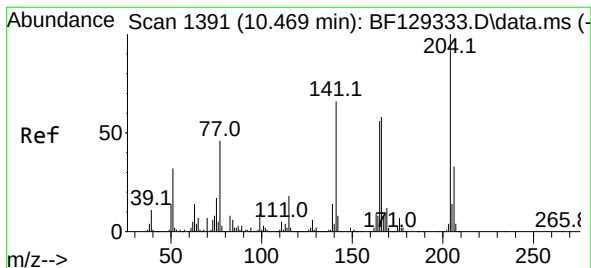
Tgt Ion:232 Resp: 228670
Ion Ratio Lower Upper
232 100
131 51.5 36.1 54.1
130 2.6 1.8 2.8
166 33.1 24.2 36.2



#60
Diethylphthalate
Concen: 46.917 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:149 Resp: 1143597
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 12.5 10.2 15.2

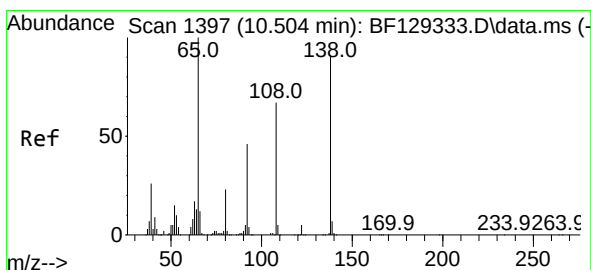
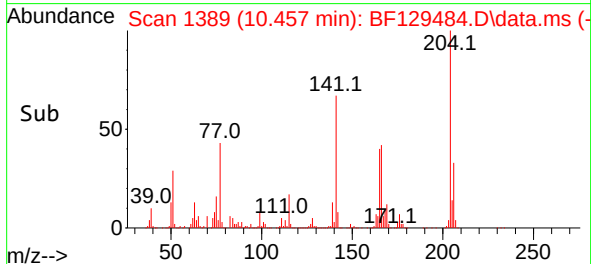
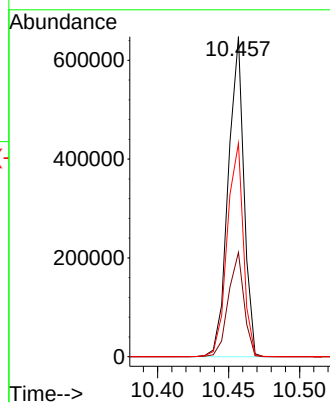
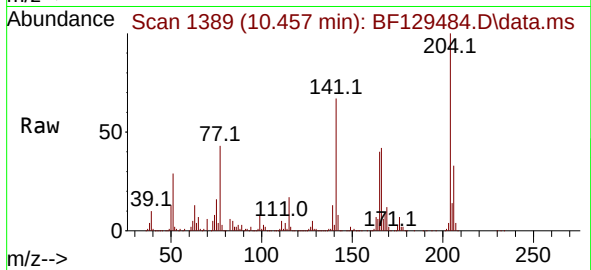




#61
4-Chlorophenyl-phenylether
Concen: 47.704 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

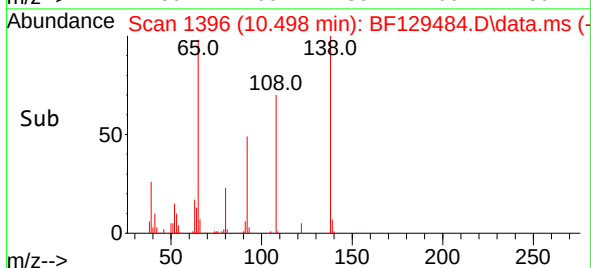
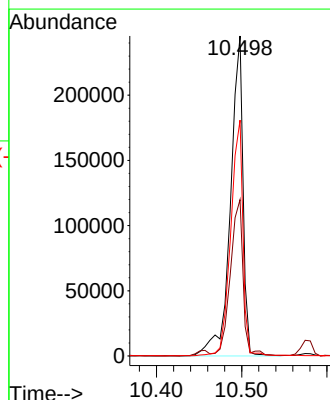
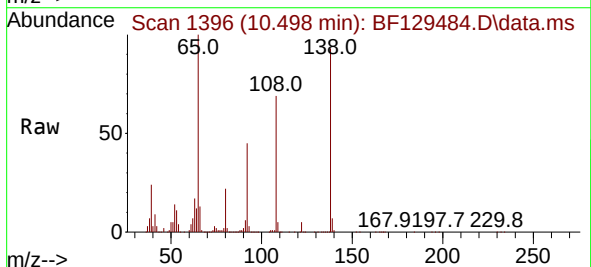
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

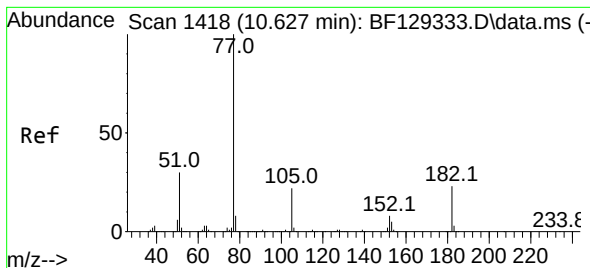
Tgt Ion:204 Resp: 496088
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 66.7 47.0 70.4



#62
4-Nitroaniline
Concen: 38.037 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:138 Resp: 251464
Ion Ratio Lower Upper
138 100
92 48.9 33.5 73.5
108 73.7 61.0 101.0

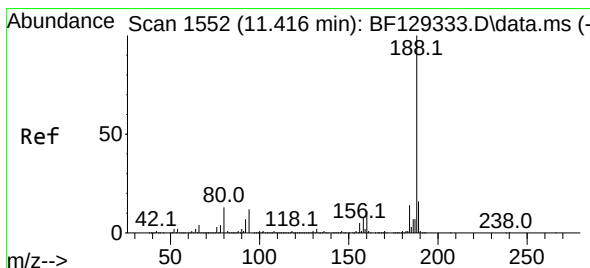
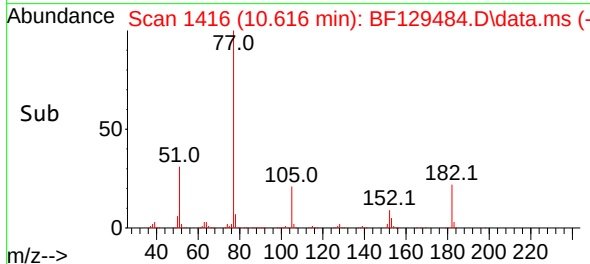
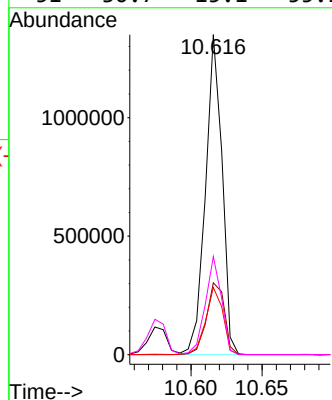
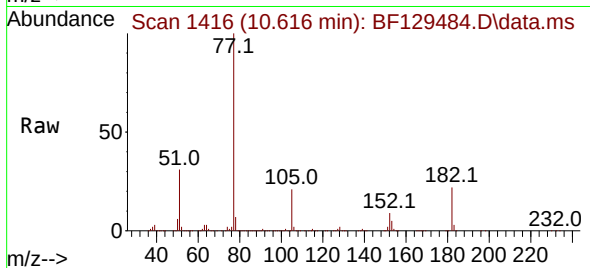




#63
Azobenzene
Concen: 44.063 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

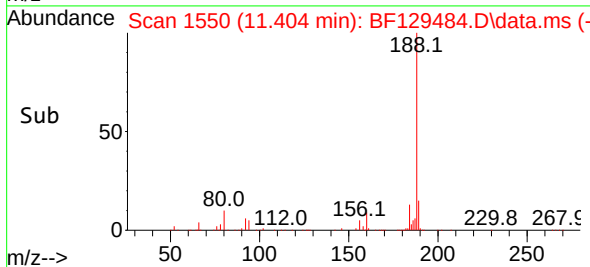
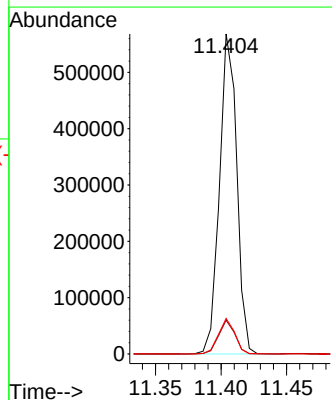
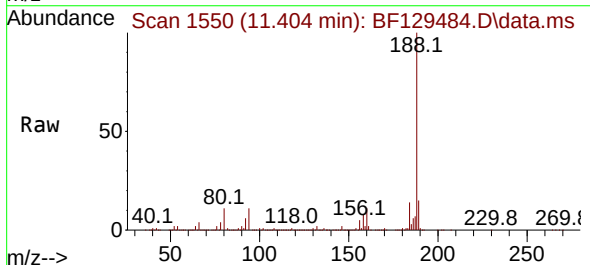
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

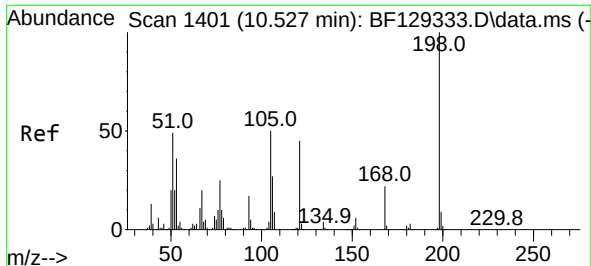
Tgt Ion: 77 Resp: 1095479
Ion Ratio Lower Upper
77 100
182 22.5 5.6 45.6
105 21.0 1.6 41.6
51 30.7 15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion: 188 Resp: 519489
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.1 7.6 11.4

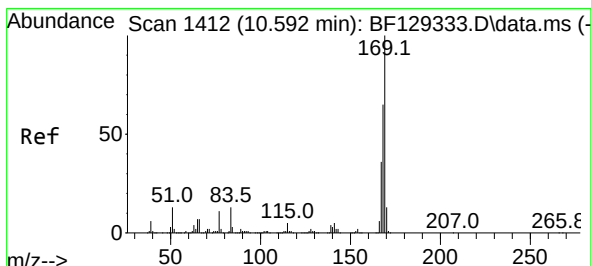
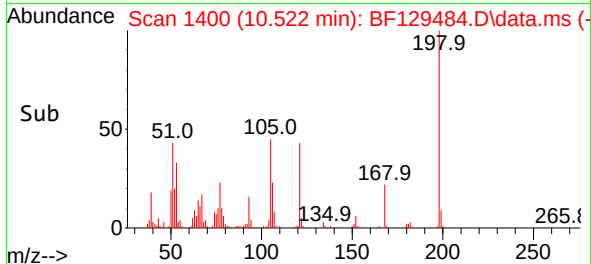
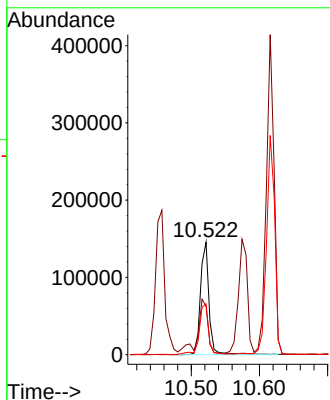
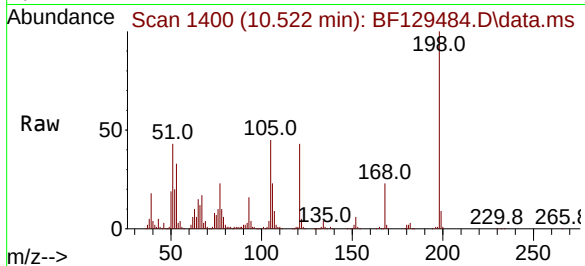




#65
4,6-Dinitro-2-methylphenol
Concen: 38.924 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

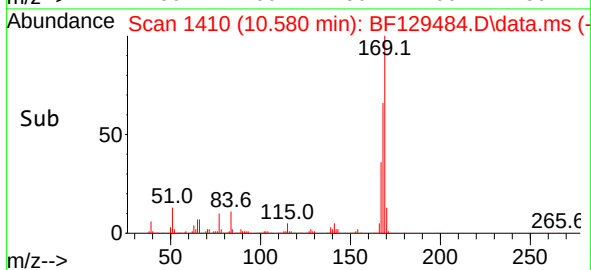
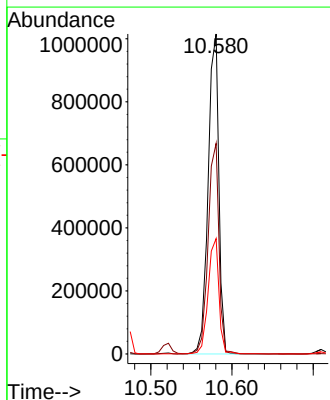
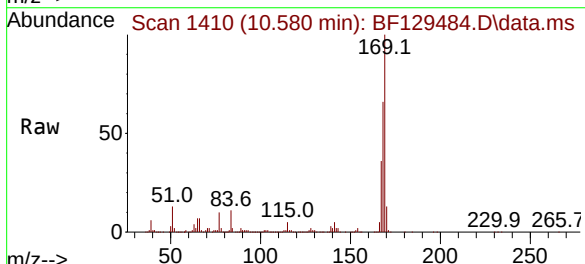
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

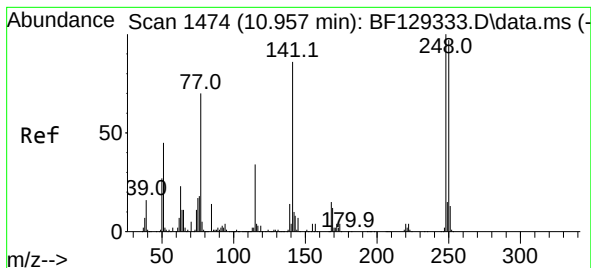
Tgt Ion:198 Resp: 127626
Ion Ratio Lower Upper
198 100
51 43.1 37.6 77.6
105 45.3 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 53.446 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:169 Resp: 924621
Ion Ratio Lower Upper
169 100
168 65.8 50.1 75.1
167 36.1 27.9 41.9

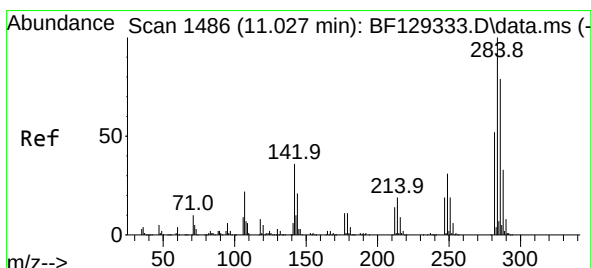
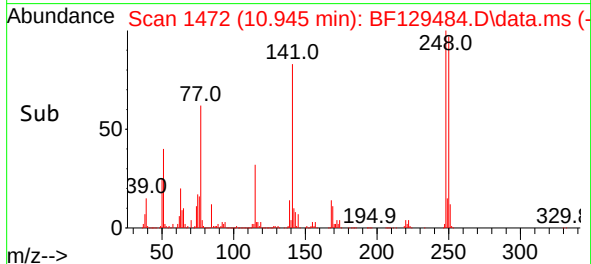
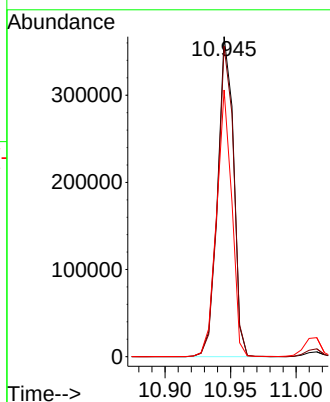
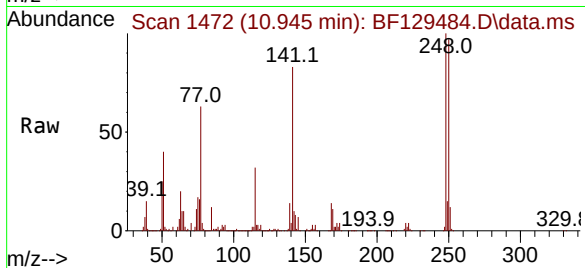




#67
4-Bromophenyl-phenylether
Concen: 54.746 ng
RT: 10.945 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

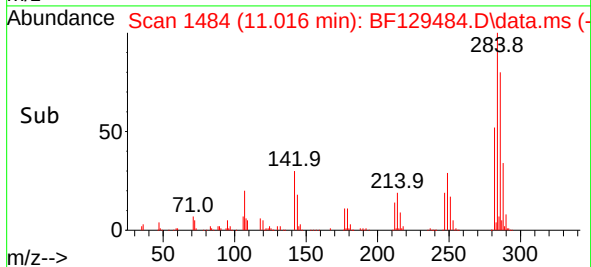
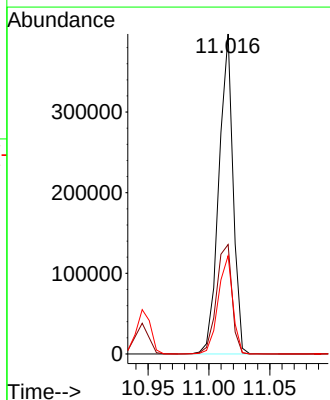
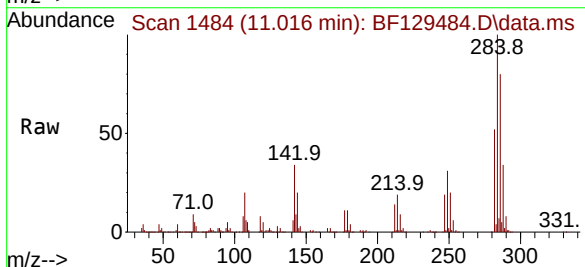
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

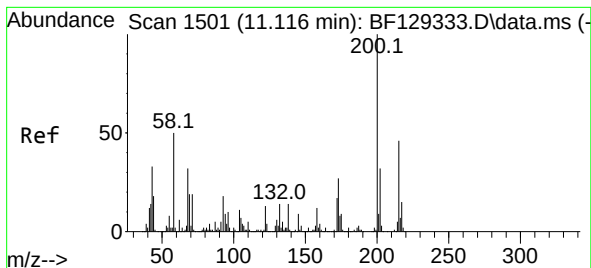
Tgt Ion:248 Resp: 311425
Ion Ratio Lower Upper
248 100
250 97.0 80.6 120.8
141 83.3 58.9 88.3



#68
Hexachlorobenzene
Concen: 52.297 ng
RT: 11.016 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:284 Resp: 322341
Ion Ratio Lower Upper
284 100
142 34.2 29.0 43.4
249 30.7 25.0 37.6





#69

Atrazine

Concen: 53.126 ng

RT: 11.104 min Scan# 1499

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS

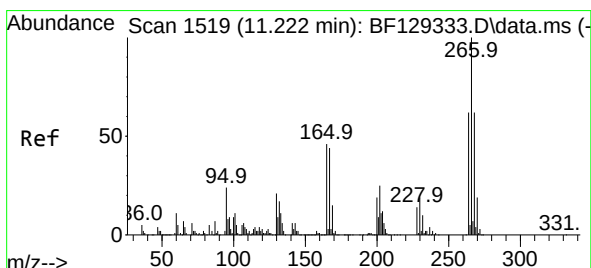
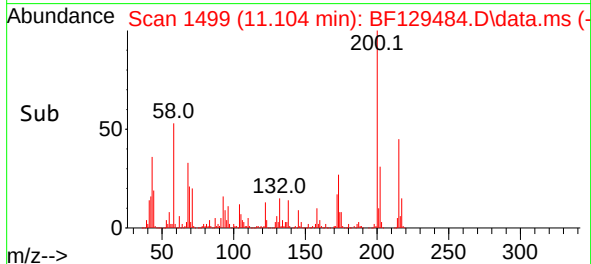
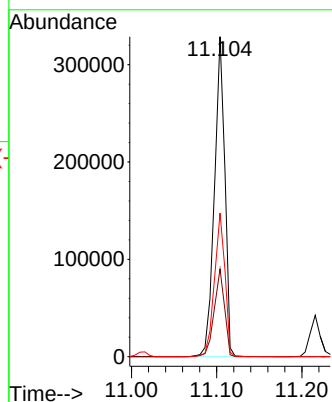
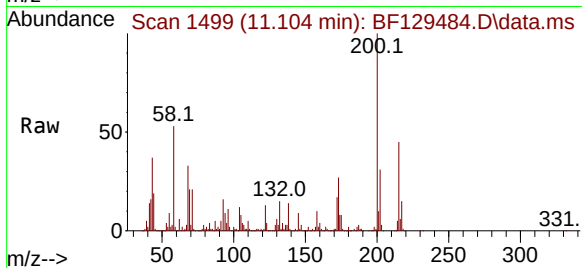
Tgt Ion:200 Resp: 279167

Ion Ratio Lower Upper

200 100

173 27.4 6.3 46.3

215 44.8 28.3 68.3



#70

Pentachlorophenol

Concen: 58.935 ng

RT: 11.216 min Scan# 1518

Delta R.T. 0.006 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

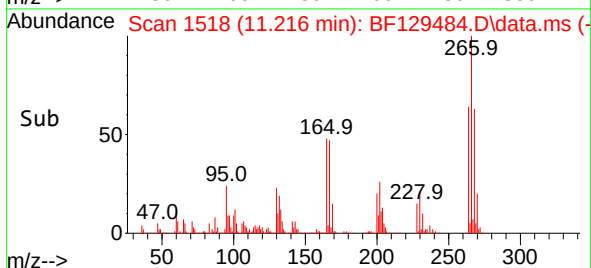
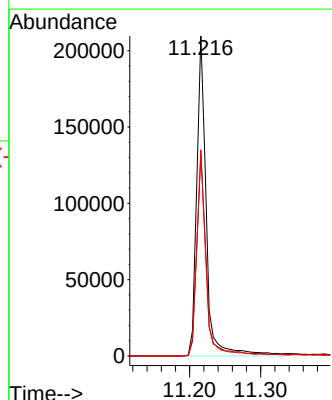
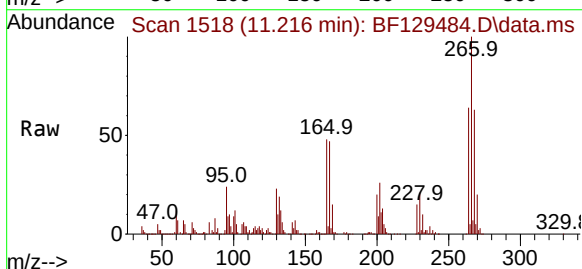
Tgt Ion:266 Resp: 197478

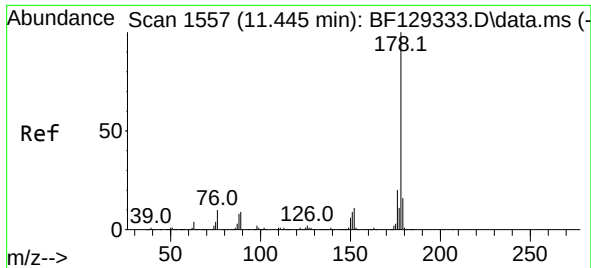
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.4

264 64.4 49.4 74.2

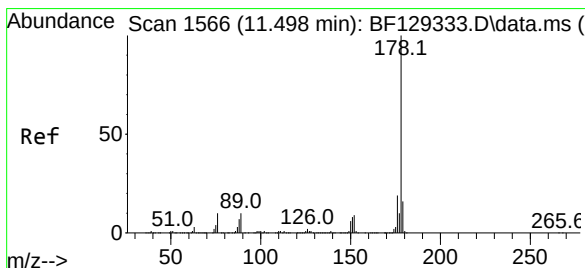
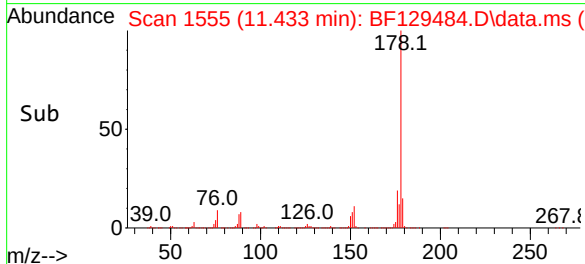
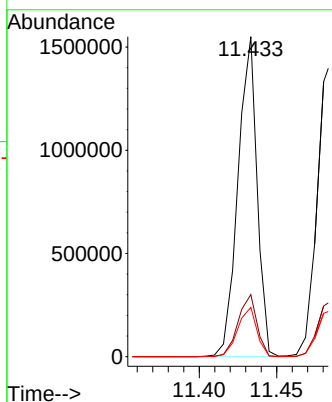
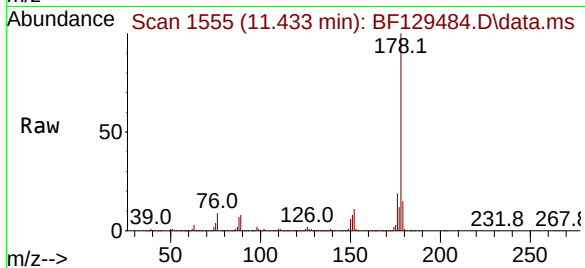




#71
Phenanthrene
Concen: 46.867 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

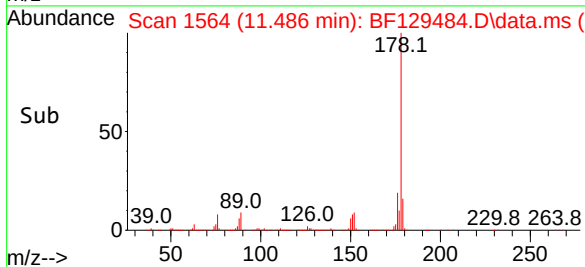
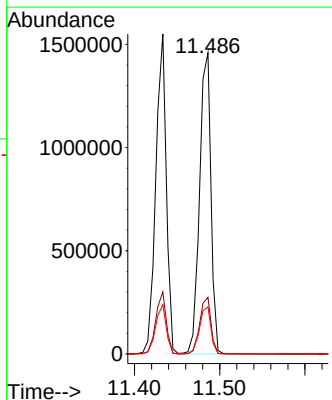
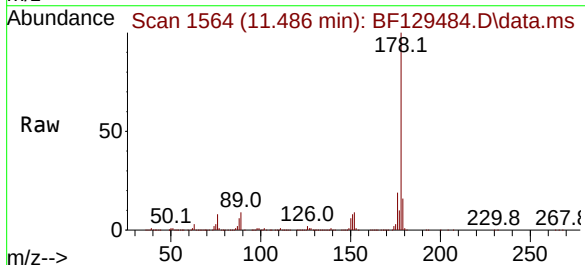
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

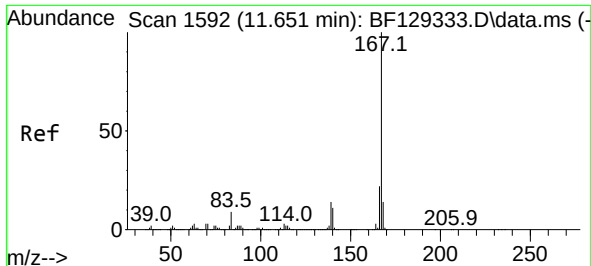
Tgt Ion:178 Resp: 1329021
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.4 12.6 19.0



#72
Anthracene
Concen: 48.550 ng
RT: 11.486 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:178 Resp: 1352951
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.6 19.0

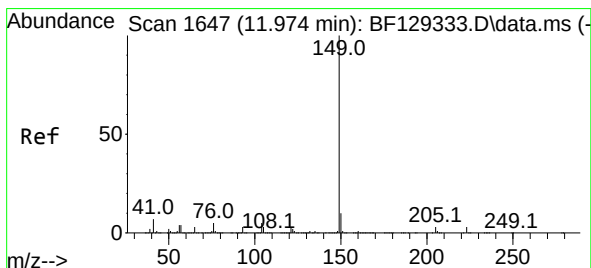
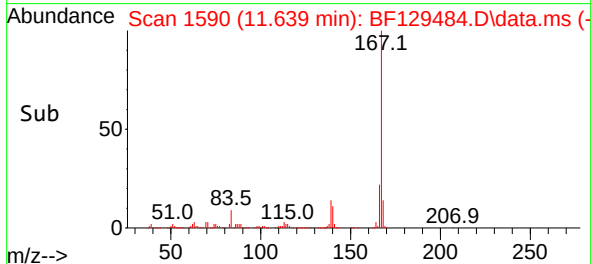
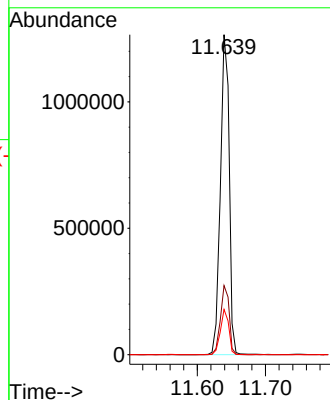
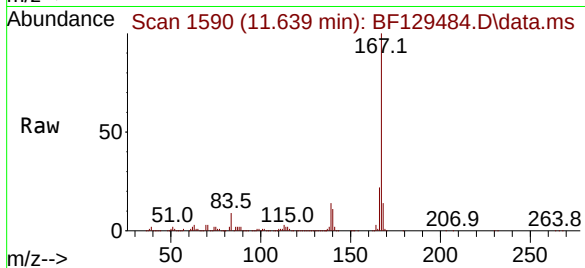




#73
 Carbazole
 Concen: 43.270 ng
 RT: 11.639 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129484.D
 Acq: 01 Aug 2022 21:00

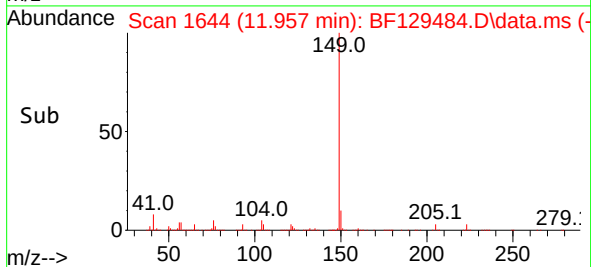
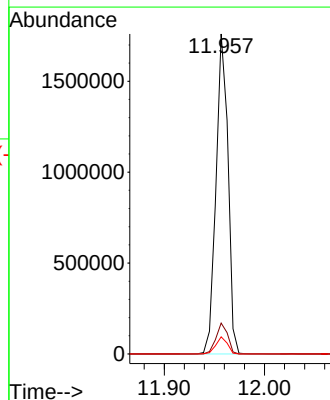
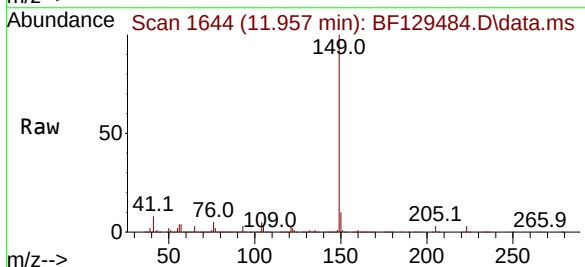
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729MS

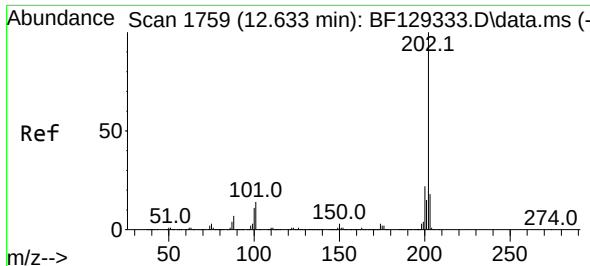
Tgt Ion:167 Resp: 1135100
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 14.2 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 46.794 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF129484.D
 Acq: 01 Aug 2022 21:00

Tgt Ion:149 Resp: 1461857
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.4 4.4 6.6

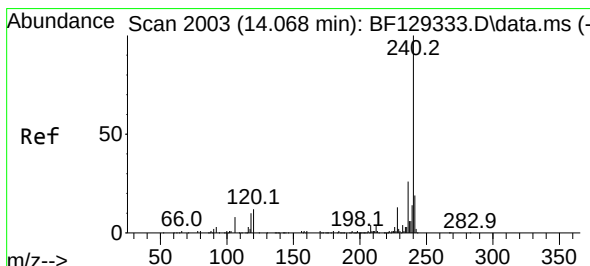
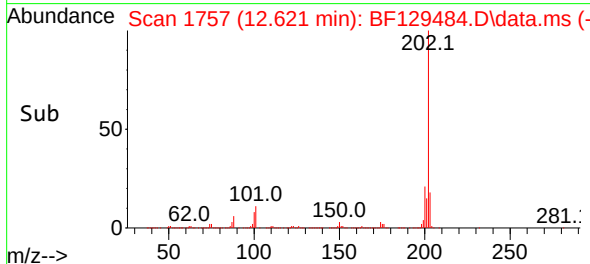
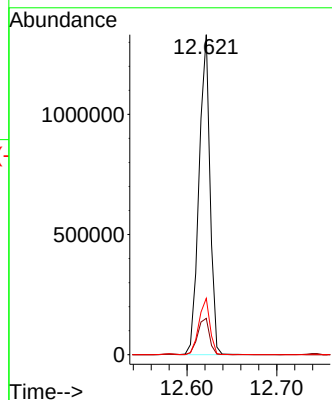
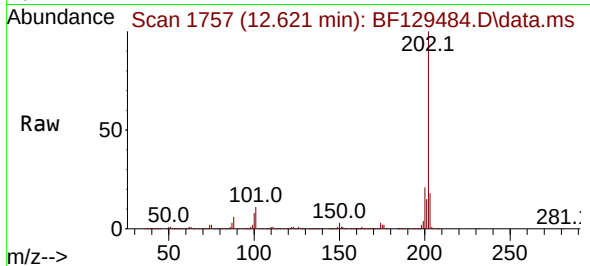




#75
Fluoranthene
Concen: 39.239 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

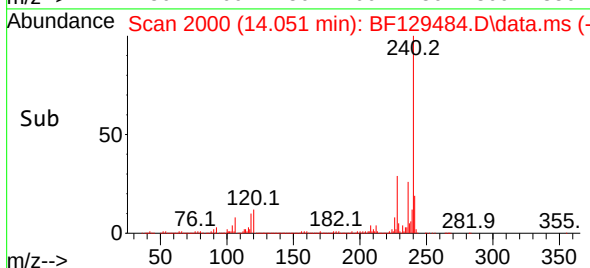
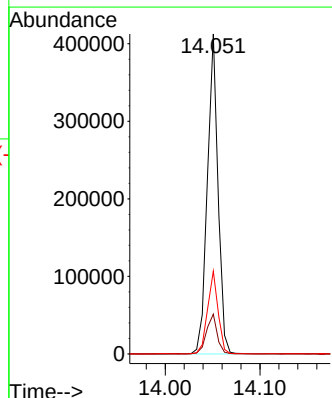
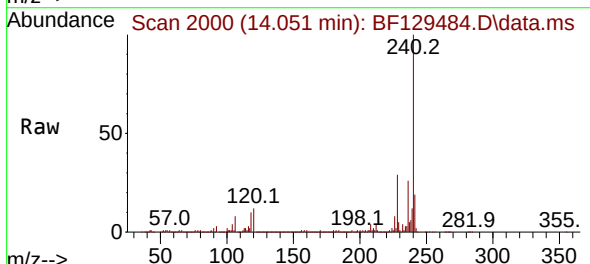
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

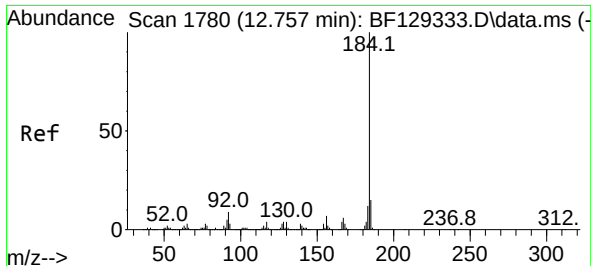
Tgt Ion:202 Resp: 1127448
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:240 Resp: 322358
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 25.9 20.8 31.2

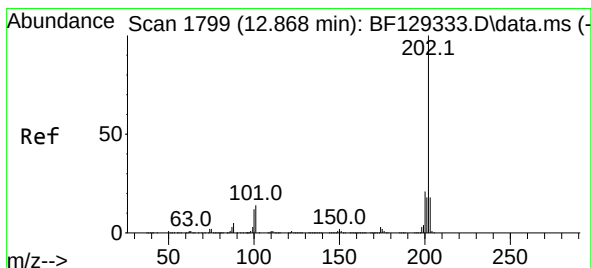
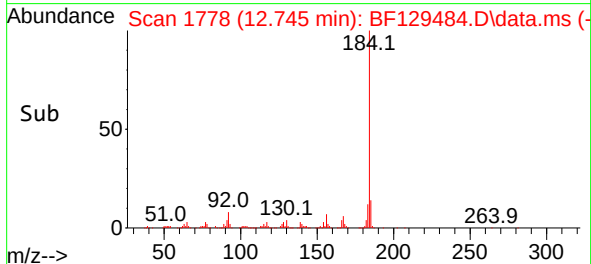
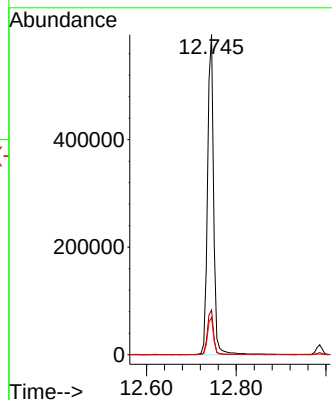
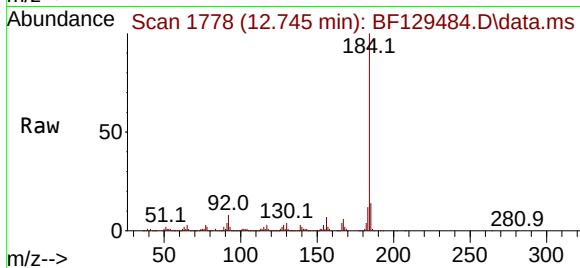




#77
Benzidine
Concen: 49.064 ng
RT: 12.745 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

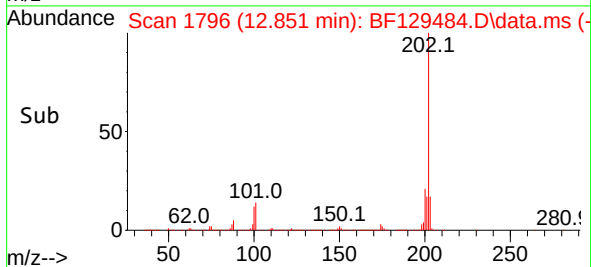
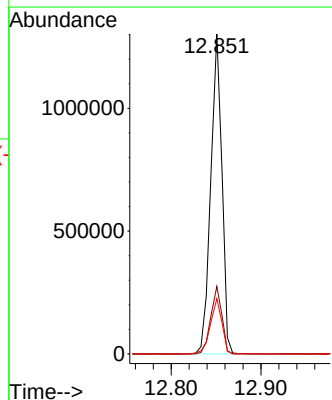
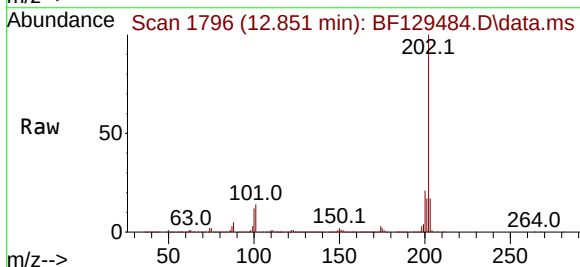
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

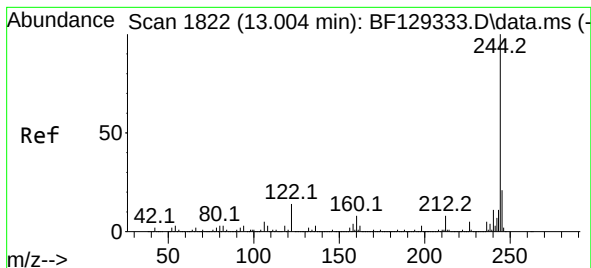
Tgt Ion:184 Resp: 558748
Ion Ratio Lower Upper
184 100
185 13.9 11.9 17.9
183 11.6 9.3 13.9



#78
Pyrene
Concen: 41.654 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:202 Resp: 1122851
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.3 14.6 21.8





#79

Terphenyl-d14

Concen: 67.995 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS

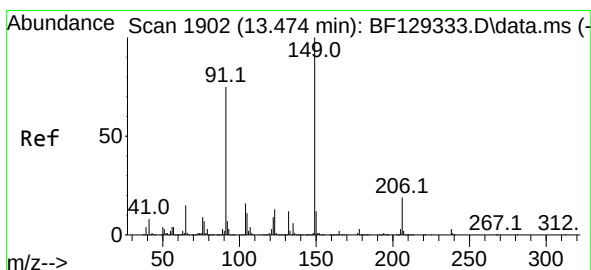
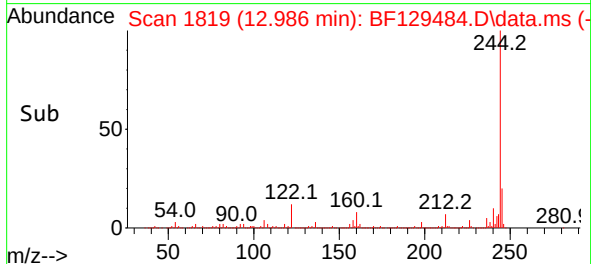
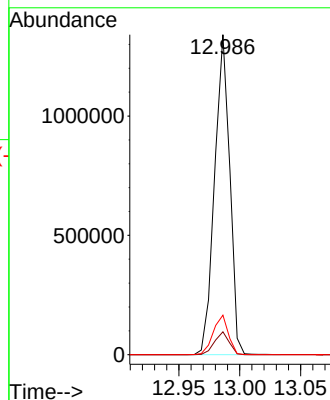
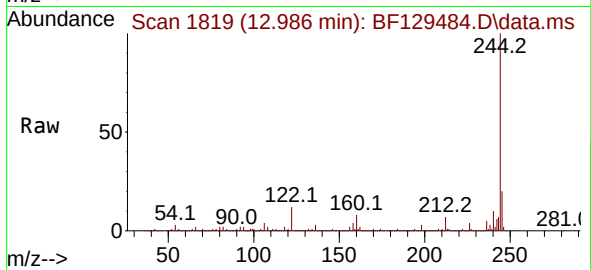
Tgt Ion:244 Resp: 1161830

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 12.4 8.8 13.2



#80

Butylbenzylphthalate

Concen: 40.976 ng

RT: 13.457 min Scan# 1899

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

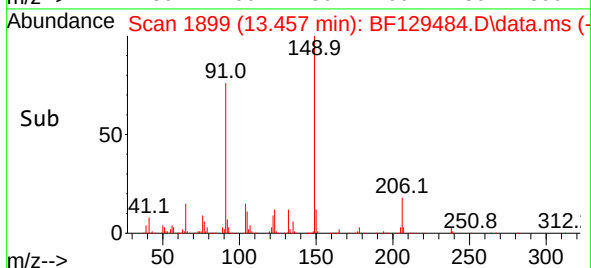
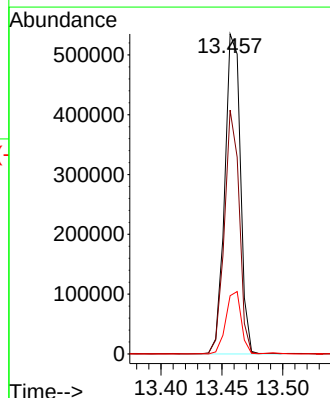
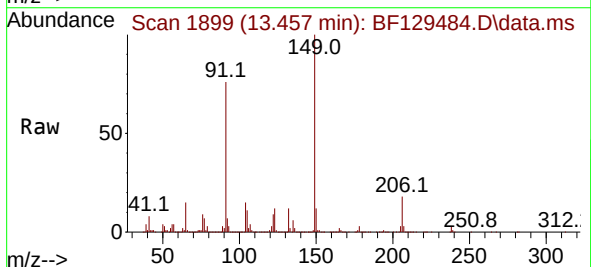
Tgt Ion:149 Resp: 479110

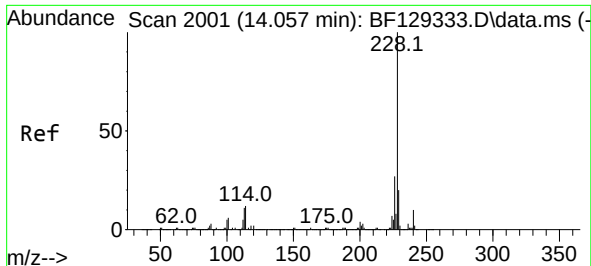
Ion Ratio Lower Upper

149 100

91 76.2 61.2 91.8

206 18.2 15.7 23.5

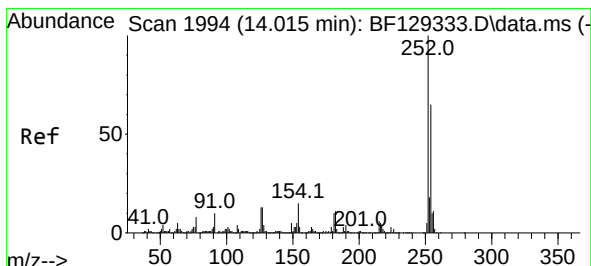
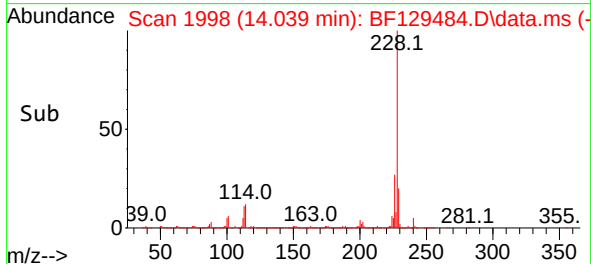
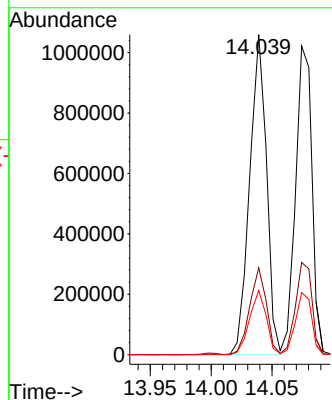
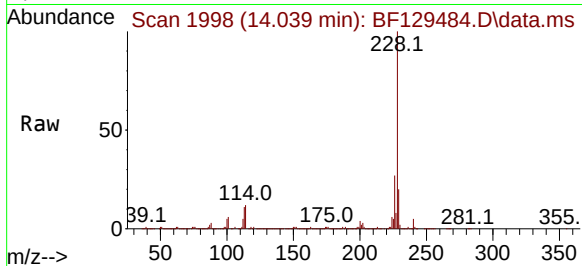




#81
Benzo(a)anthracene
Concen: 46.442 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

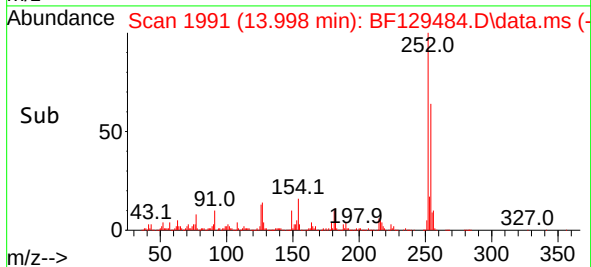
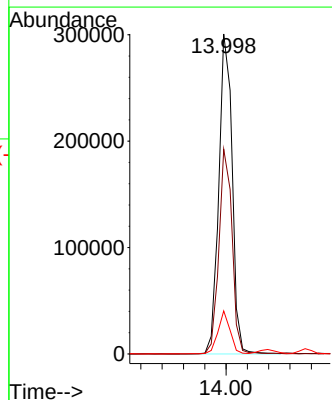
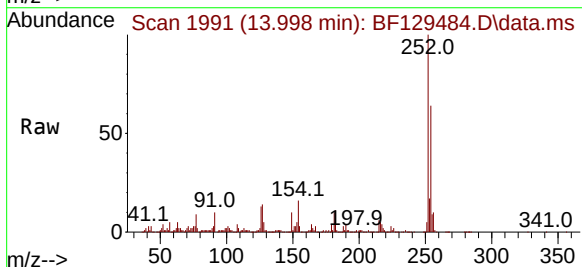
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

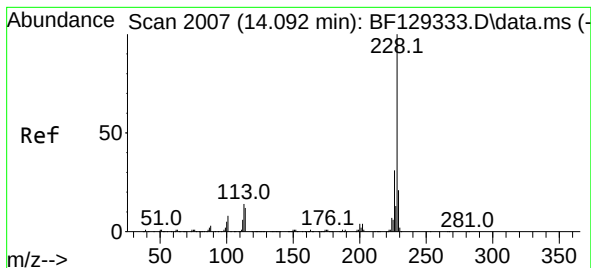
Tgt Ion:228 Resp: 1022664
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 35.850 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:252 Resp: 260646
Ion Ratio Lower Upper
252 100
254 64.0 50.2 75.4
126 13.5 8.2 12.4#





#83

Chrysene

Concen: 45.822 ng

RT: 14.074 min Scan# 2007

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS

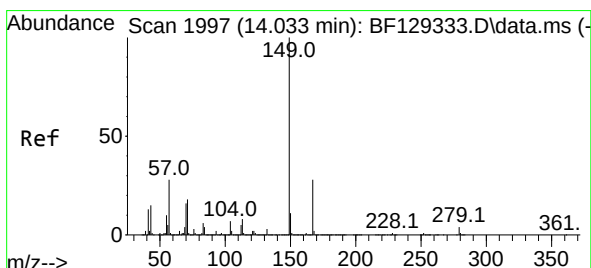
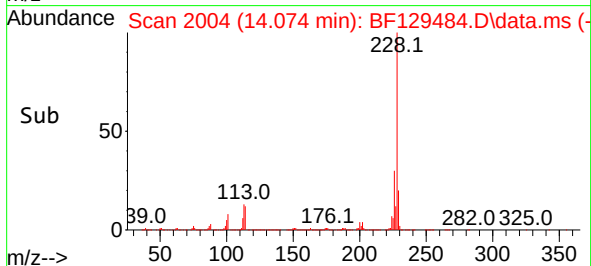
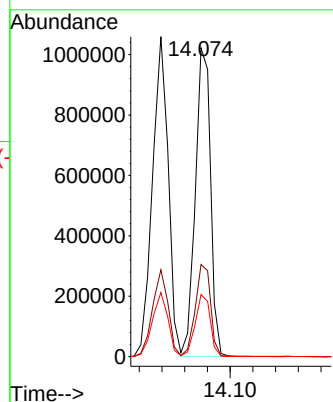
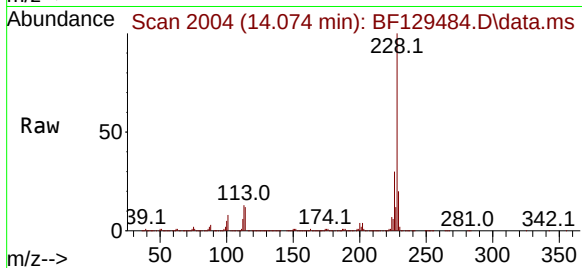
Tgt Ion:228 Resp: 950953

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.584 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

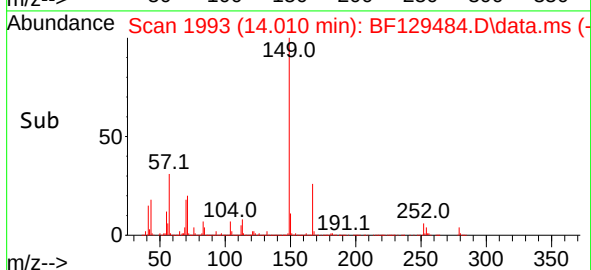
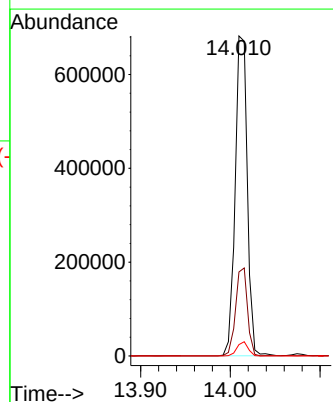
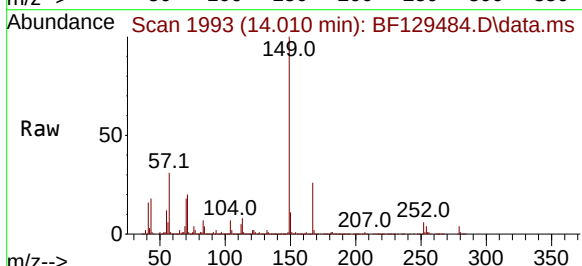
Tgt Ion:149 Resp: 640121

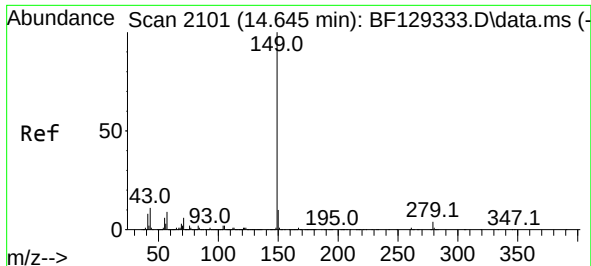
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

279 3.6 3.1 4.7

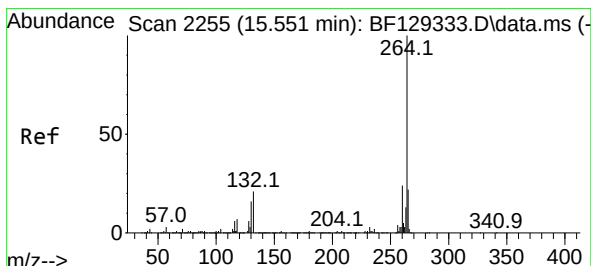
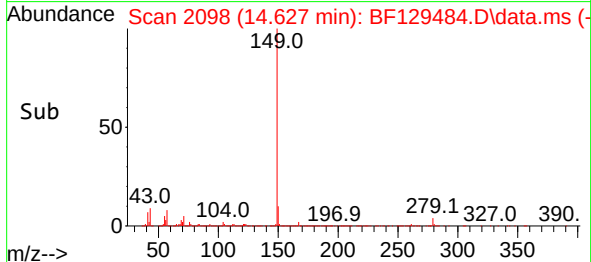
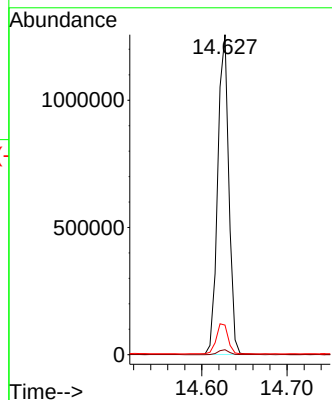
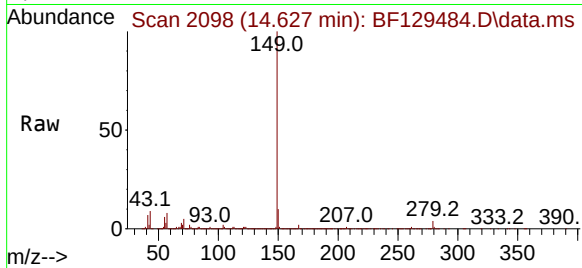




#85
Di-n-octyl phthalate
Concen: 51.369 ng
RT: 14.627 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

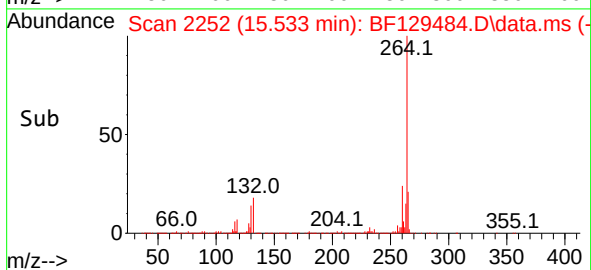
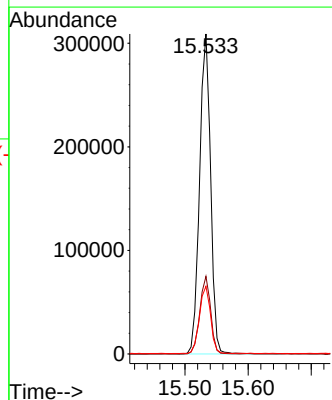
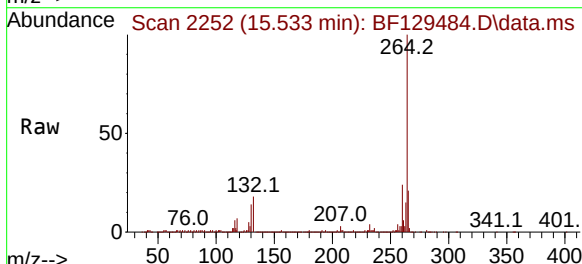
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

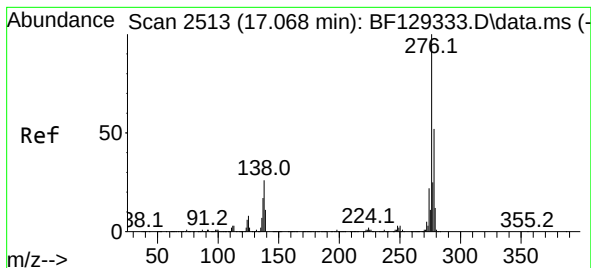
Tgt Ion:149 Resp: 1137890
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.0 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:264 Resp: 372944
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 21.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.294 ng

RT: 17.039 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

Instrument :

BNA_F

ClientSampleId :

TP1-0729MS

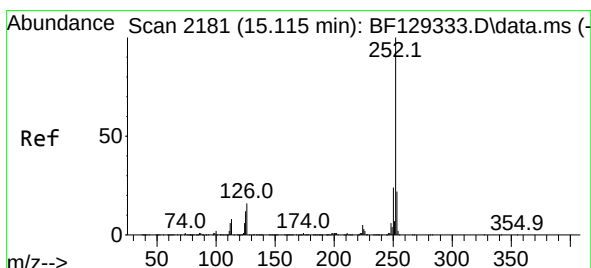
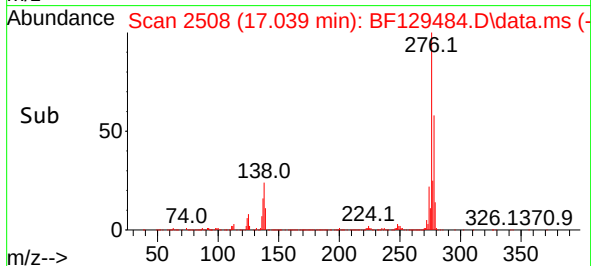
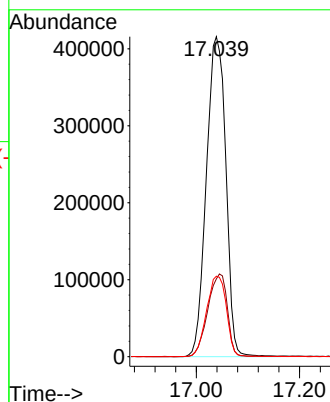
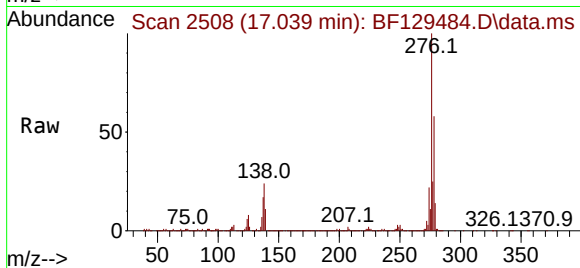
Tgt Ion:276 Resp: 1087310

Ion Ratio Lower Upper

276 100

138 25.9 21.1 31.7

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.388 ng

RT: 15.098 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF129484.D

Acq: 01 Aug 2022 21:00

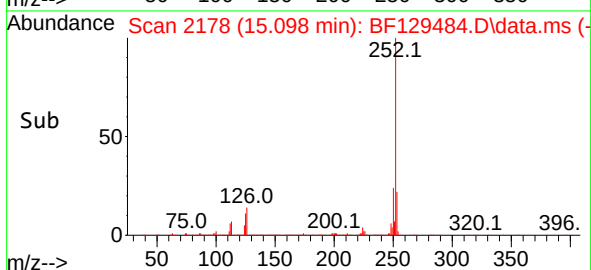
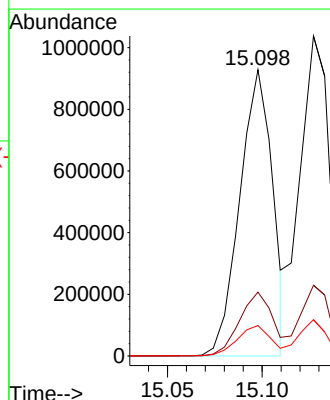
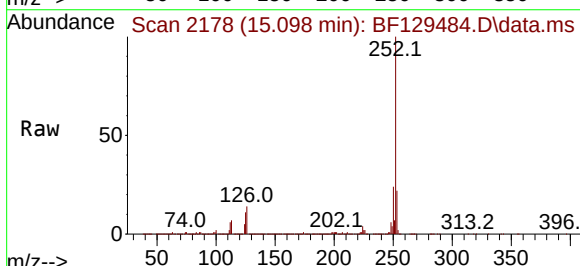
Tgt Ion:252 Resp: 1122831

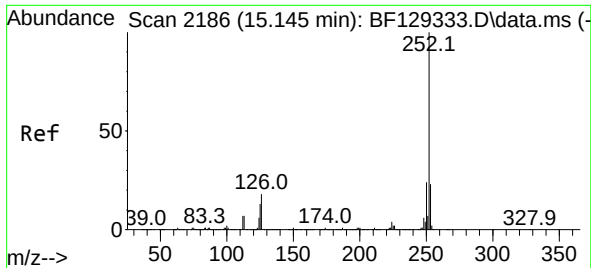
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.6 8.0 12.0

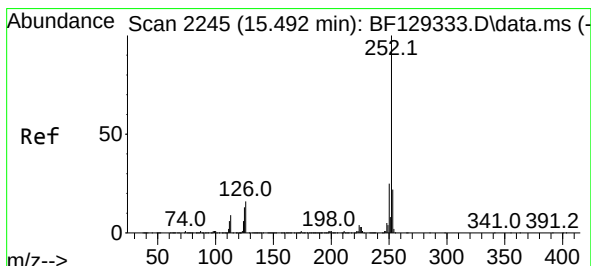
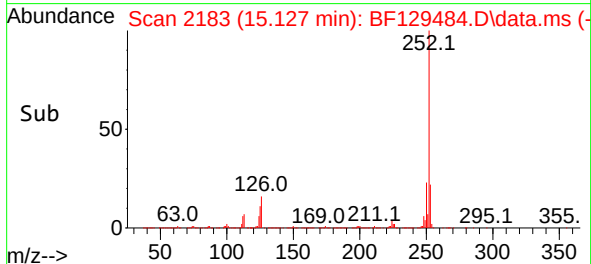
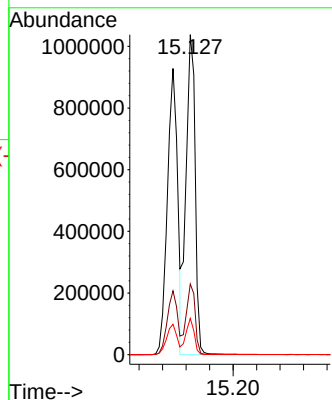
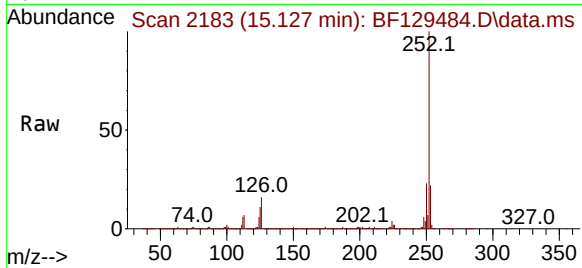




#89
Benzo(k)fluoranthene
Concen: 46.412 ng
RT: 15.127 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

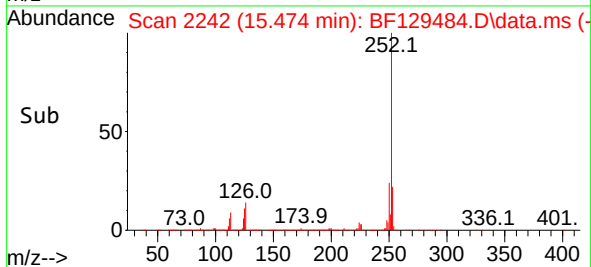
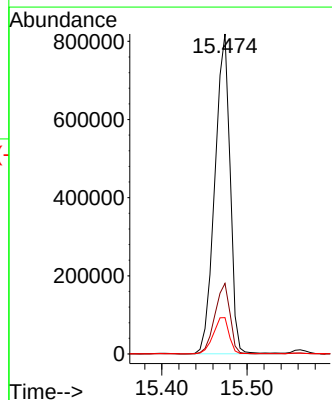
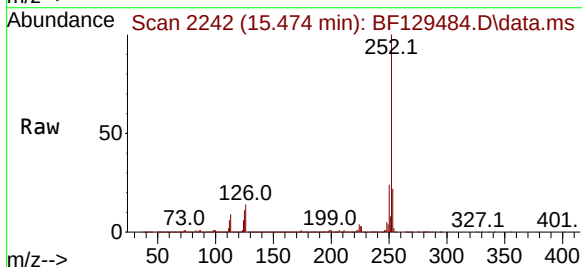
Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

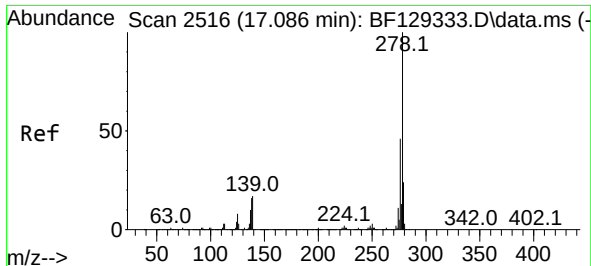
Tgt Ion:252 Resp: 1125160
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 50.574 ng
RT: 15.474 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:252 Resp: 1015628
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.4 8.8 13.2

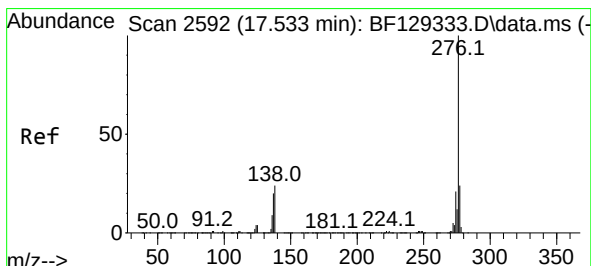
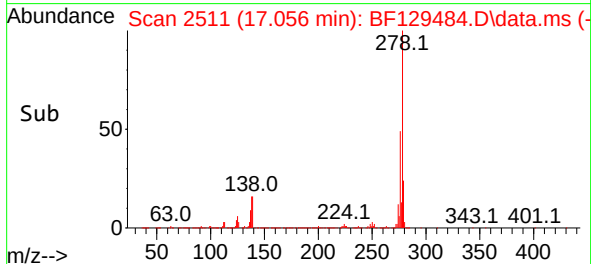
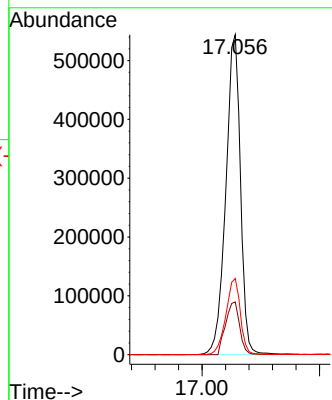
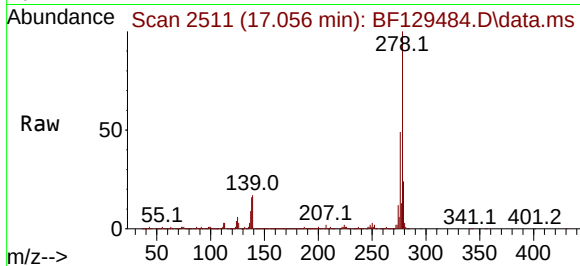




#91
Dibenzo(a,h)anthracene
Concen: 45.976 ng
RT: 17.056 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

Tgt Ion:278 Resp: 939781
Ion Ratio Lower Upper
278 100
139 16.5 12.8 19.2
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 42.709 ng
RT: 17.498 min Scan# 2586
Delta R.T. 0.006 min
Lab File: BF129484.D
Acq: 01 Aug 2022 21:00

Tgt Ion:276 Resp: 892076
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 22.2 18.0 27.0

