

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129485.D
 Acq On : 01 Aug 2022 21:31
 Operator : CG\JU
 Sample : N3976-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729MSD

Quant Time: Aug 02 01:18:19 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	173049	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	658765	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	298830	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	393587	20.000	ng	0.00
76) Chrysene-d12	14.051	240	315213	20.000	ng	0.00
86) Perylene-d12	15.533	264	366711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1155901	108.811	ng	0.02
7) Phenol-d6	6.528	99	1469584	110.060	ng	0.00
23) Nitrobenzene-d5	7.445	82	912779	75.637	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	260361	90.623	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1504281	77.872	ng	0.00
79) Terphenyl-d14	12.986	244	990696	59.294	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	206590	43.103	ng	90
3) Pyridine	3.498	79	556262	41.792	ng	91
4) n-Nitrosodimethylamine	3.451	42	284883	48.741	ng	94
6) Aniline	6.545	93	610237	36.763	ng	# 60
8) 2-Chlorophenol	6.669	128	581945	50.142	ng	99
9) Benzaldehyde	6.434	77	420260	46.347	ng	98
10) Phenol	6.539	94	668133	46.988	ng	# 73
11) bis(2-Chloroethyl)ether	6.610	93	554484	49.171	ng	94
12) 1,3-Dichlorobenzene	6.816	146	609923	49.000	ng	99
13) 1,4-Dichlorobenzene	6.892	146	612611	48.393	ng	99
14) 1,2-Dichlorobenzene	7.045	146	589685	50.679	ng	98
15) Benzyl Alcohol	7.028	79	484621	50.043	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	757211	44.671	ng	49
17) 2-Methylphenol	7.145	107	436097	45.294	ng	# 89
18) Hexachloroethane	7.386	117	233811	49.052	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	384862	47.611	ng	93
20) 3+4-Methylphenols	7.298	107	544780	44.501	ng	# 82
22) Acetophenone	7.286	105	768565	50.111	ng	99
24) Nitrobenzene	7.463	77	590434	47.512	ng	96
25) Isophorone	7.698	82	1042572	48.197	ng	100
26) 2-Nitrophenol	7.775	139	297338	48.501	ng	98
27) 2,4-Dimethylphenol	7.822	122	467979	50.890	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	657383	52.387	ng	99
29) 2,4-Dichlorophenol	8.028	162	438298	46.178	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	462744	47.101	ng	96
31) Naphthalene	8.181	128	1575066	47.060	ng	100
32) Benzoic acid	7.916	122	70998	10.680	ng	96
33) 4-Chloroaniline	8.233	127	328016	23.871	ng	95
34) Hexachlorobutadiene	8.292	225	279690	50.083	ng	99
35) Caprolactam	8.610	113	77230	25.027	ng	# 72
36) 4-Chloro-3-methylphenol	8.728	107	436342	43.344	ng	90
37) 2-Methylnaphthalene	8.875	142	999280	45.943	ng	99
38) 1-Methylnaphthalene	8.975	142	929195	44.255	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	429751	54.769	ng	98
41) Hexachlorocyclopentadiene	9.022	237	403766	115.559	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	269252	47.245	ng	97

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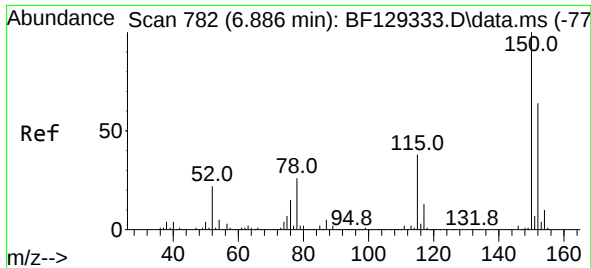
Quant Time: Aug 02 01:18:19 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	269251	43.444	ng	93
46) 1,1'-Biphenyl	9.333	154	1164460	53.395	ng	100
47) 2-Chloronaphthalene	9.363	162	892419	50.619	ng	99
48) 2-Nitroaniline	9.463	65	266100	45.391	ng	93
49) Acenaphthylene	9.780	152	1298006	48.453	ng	99
50) Dimethylphthalate	9.639	163	989017	47.943	ng	99
51) 2,6-Dinitrotoluene	9.704	165	215712	46.719	ng	99
52) Acenaphthene	9.951	154	761142	43.501	ng	100
53) 3-Nitroaniline	9.875	138	162752	29.851	ng	94
54) 2,4-Dinitrophenol	9.980	184	117523	49.859	ng	96
55) Dibenzofuran	10.122	168	1141515	47.327	ng	97
56) 4-Nitrophenol	10.057	139	247370	61.499	ng	99
57) 2,4-Dinitrotoluene	10.110	165	263251	43.645	ng	90
58) Fluorene	10.469	166	859704	44.547	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	177266	37.012	ng	95
60) Diethylphthalate	10.333	149	902318	45.247	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	398668	46.857	ng	94
62) 4-Nitroaniline	10.492	138	187805	34.723	ng	93
63) Azobenzene	10.616	77	853932	41.983	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	96333	38.778	ng	92
66) n-Nitrosodiphenylamine	10.575	169	719124	54.864	ng	96
67) 4-Bromophenyl-phenylether	10.945	248	239997	55.685	ng	96
68) Hexachlorobenzene	11.010	284	252088	53.982	ng	97
69) Atrazine	11.104	200	208624	52.401	ng	97
70) Pentachlorophenol	11.216	266	153948	60.640	ng	98
71) Phenanthrene	11.427	178	1010864	47.050	ng	99
72) Anthracene	11.480	178	1034619	49.003	ng	100
73) Carbazole	11.639	167	892824	44.922	ng	99
74) Di-n-butylphthalate	11.957	149	1093740	46.210	ng	99
75) Fluoranthene	12.621	202	947122	43.508	ng	99
77) Benzidine	12.745	184	528562	47.466	ng	98
78) Pyrene	12.851	202	969417	36.777	ng	98
80) Butylbenzylphthalate	13.457	149	432855	37.860	ng	98
81) Benzo(a)anthracene	14.039	228	1006359	46.738	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	270582	38.061	ng	# 98
83) Chrysene	14.074	228	939061	46.275	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	602395	40.021	ng	100
85) Di-n-octyl phthalate	14.627	149	1145941	52.905	ng	97
87) Indeno(1,2,3-cd)pyrene	17.039	276	1104303	44.718	ng	99
88) Benzo(b)fluoranthene	15.098	252	1119750	46.033	ng	99
89) Benzo(k)fluoranthene	15.127	252	1101408	46.204	ng	99
90) Benzo(a)pyrene	15.474	252	998466	50.564	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	953382	47.434	ng	99
92) Benzo(g,h,i)perylene	17.498	276	908609	44.240	ng	99

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

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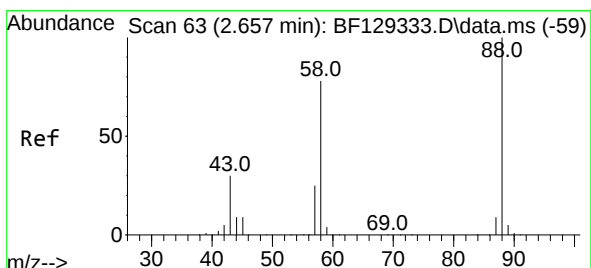
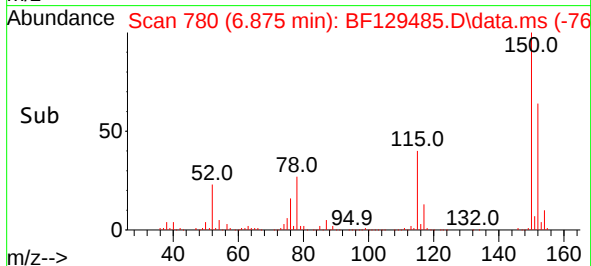
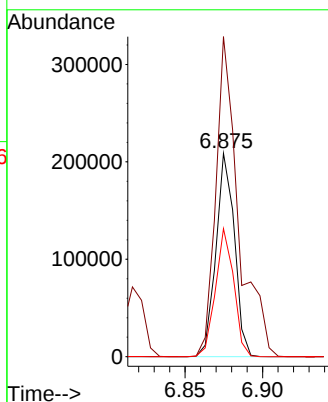
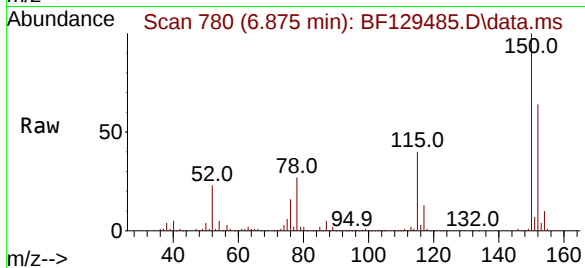




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31

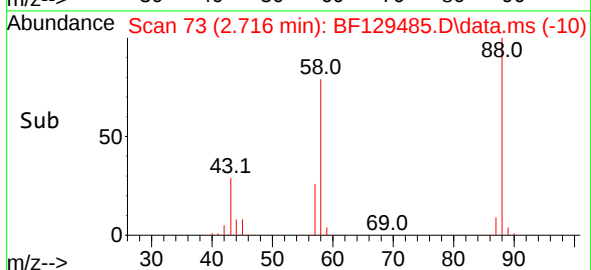
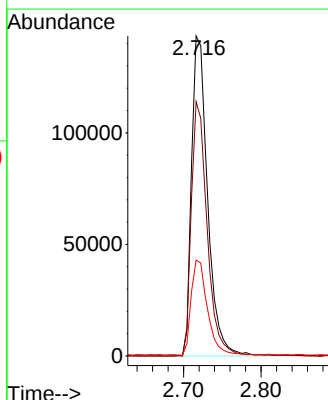
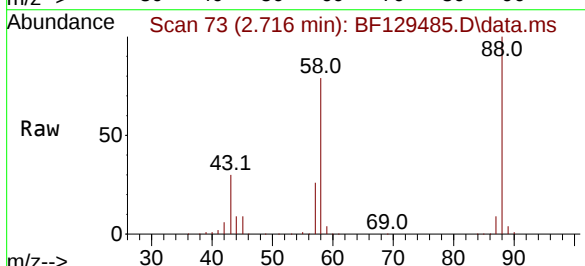
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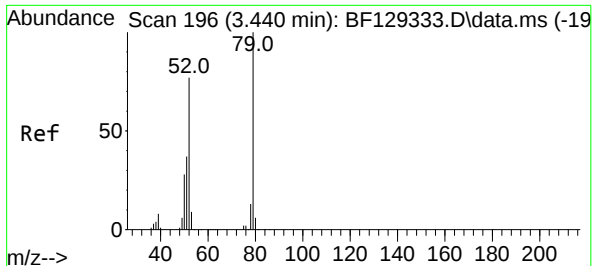
Tgt Ion:152 Resp: 173049
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.7 185.5
 115 62.9 49.9 74.9



#2
 1,4-Dioxane
 Concen: 43.103 ng
 RT: 2.716 min Scan# 73
 Delta R.T. 0.070 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31

Tgt Ion: 88 Resp: 206590
 Ion Ratio Lower Upper
 88 100
 58 78.5 71.8 107.8
 43 30.0 26.6 39.8

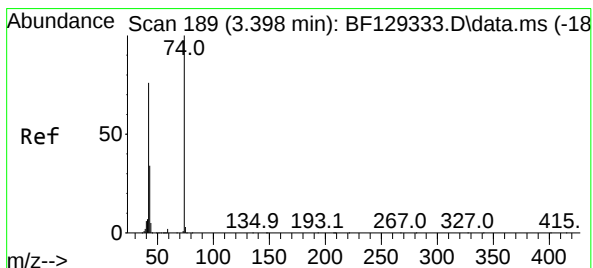
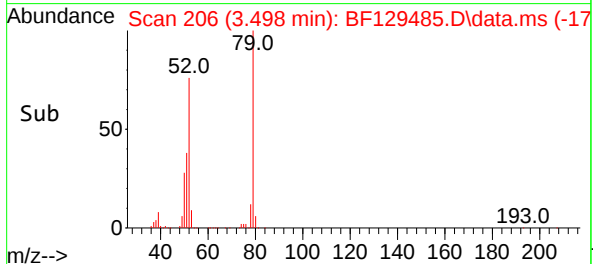
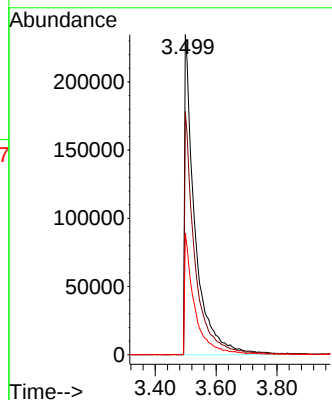
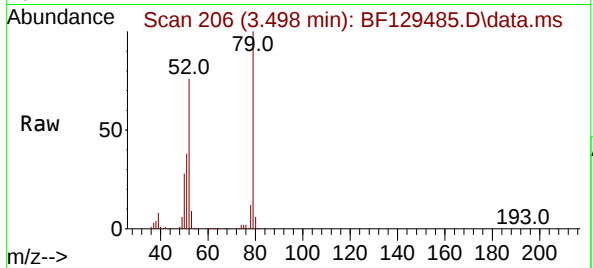




#3
Pyridine
Concen: 41.792 ng
RT: 3.498 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

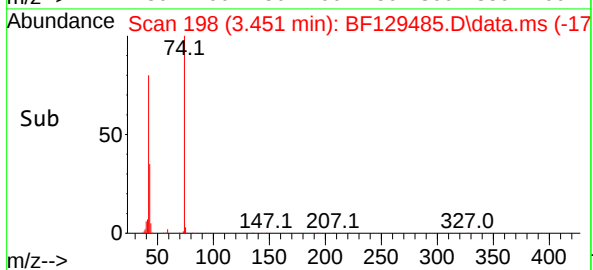
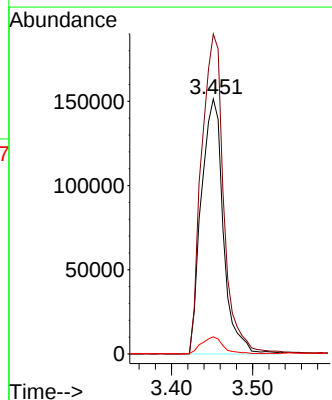
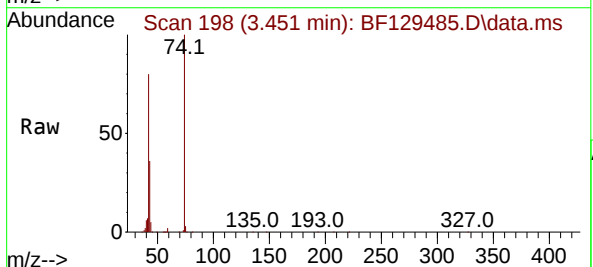
Instrument :
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TP1-0729MSD

Tgt Ion: 79 Resp: 556262
Ion Ratio Lower Upper
79 100
52 76.0 68.6 102.8
51 38.0 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 48.741 ng
RT: 3.451 min Scan# 198
Delta R.T. 0.065 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion: 42 Resp: 284883
Ion Ratio Lower Upper
42 100
74 125.5 94.8 142.2
44 6.7 6.6 10.0

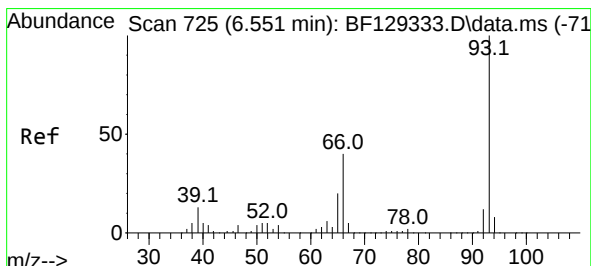
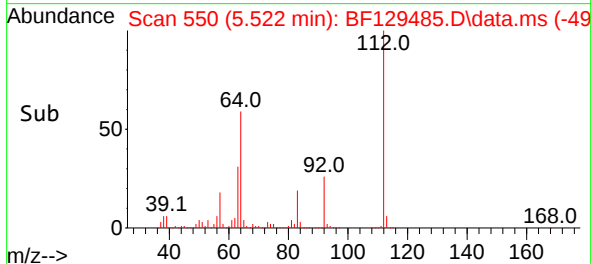
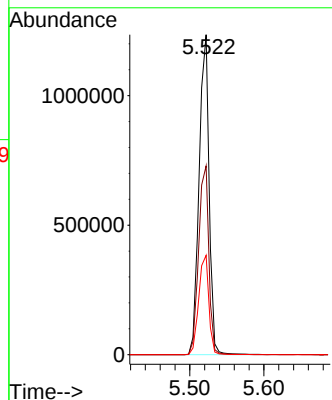
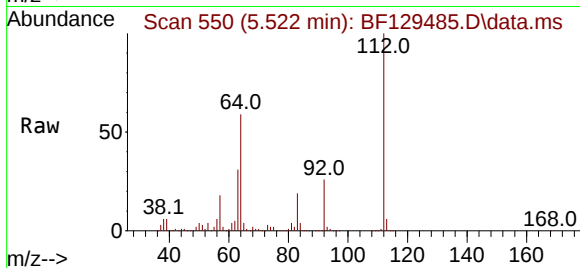




#5
2-Fluorophenol
Concen: 108.811 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

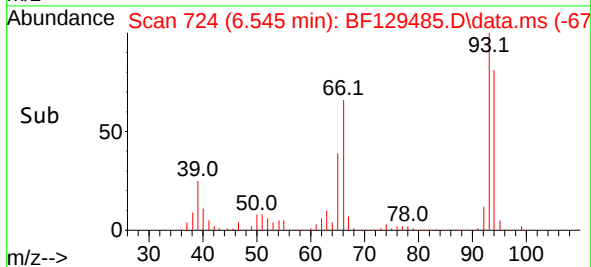
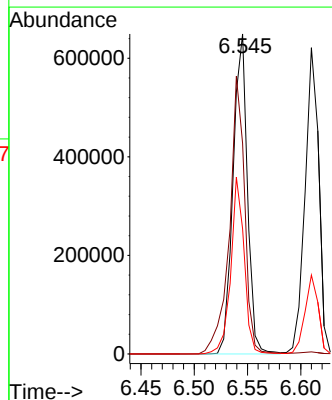
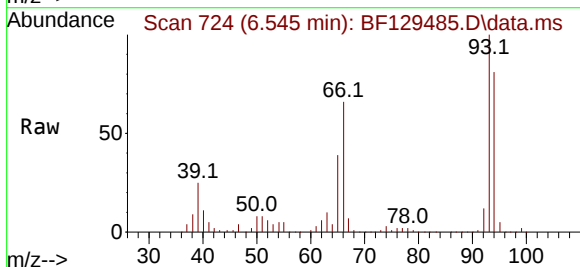
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

Tgt Ion:112 Resp: 1155901
Ion Ratio Lower Upper
112 100
64 59.0 53.3 79.9
63 31.1 28.0 42.0



#6
Aniline
Concen: 36.763 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion: 93 Resp: 610237
Ion Ratio Lower Upper
93 100
66 65.8 32.5 48.7#
65 39.1 16.4 24.6#



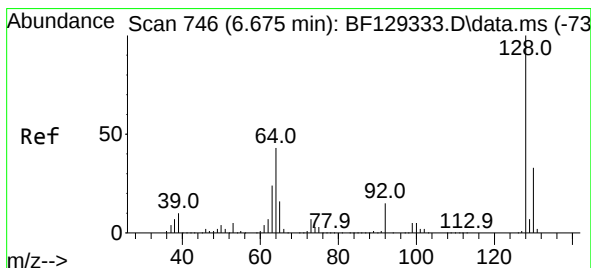
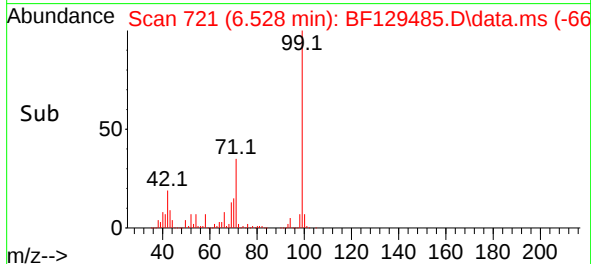
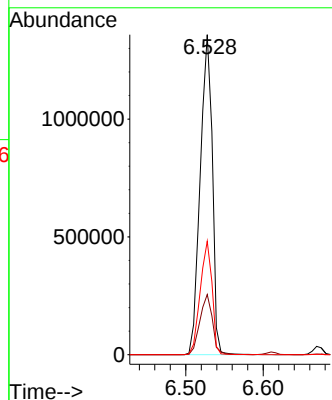
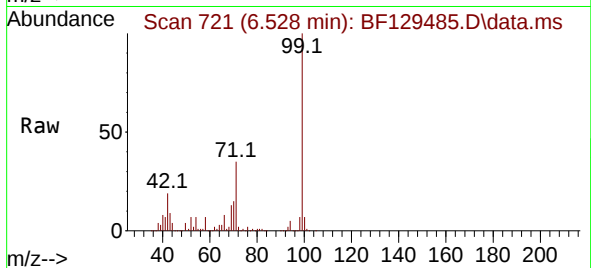


#7
Phenol-d6
Concen: 110.060 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129485.D
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Tgt Ion: 99 Resp: 1469584

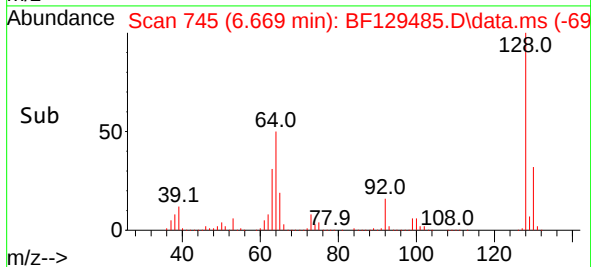
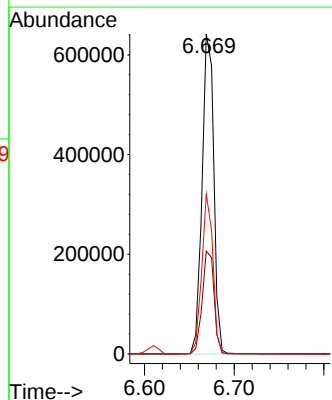
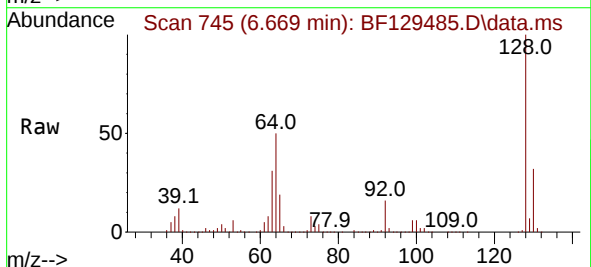
Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.3	25.9
71	35.4	28.9	43.3

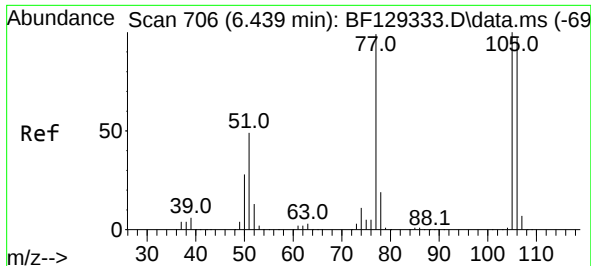


#8
2-Chlorophenol
Concen: 50.142 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion: 128 Resp: 581945

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.1	53.1
64	50.0	30.9	70.9

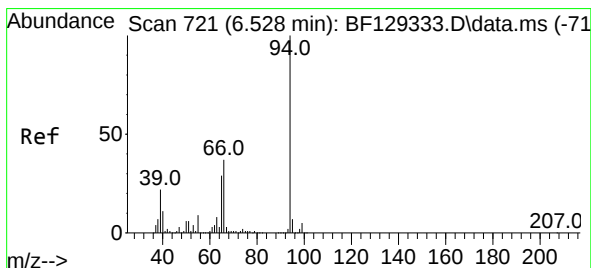
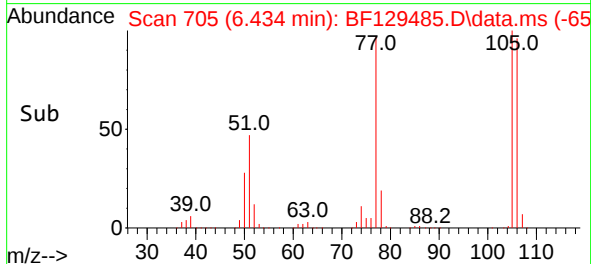
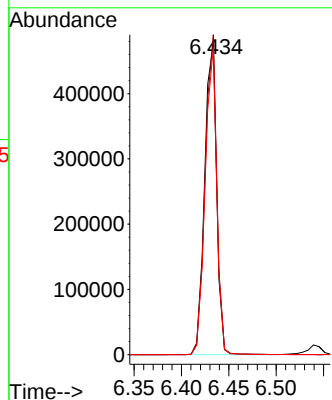
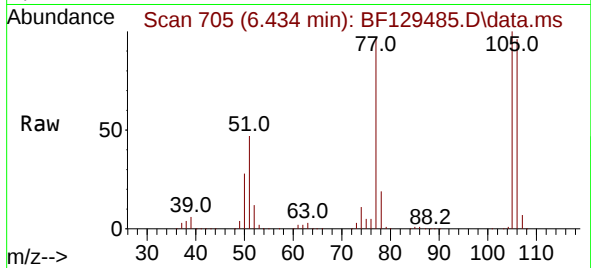




#9
Benzaldehyde
Concen: 46.347 ng
RT: 6.434 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

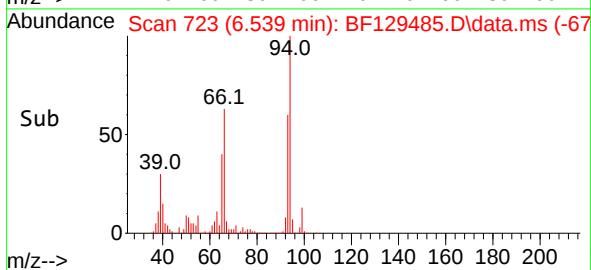
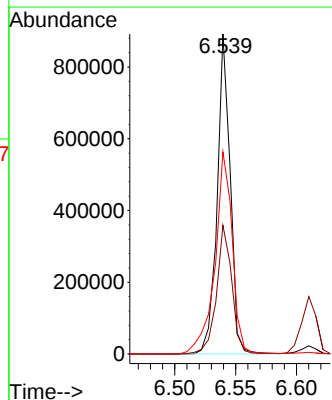
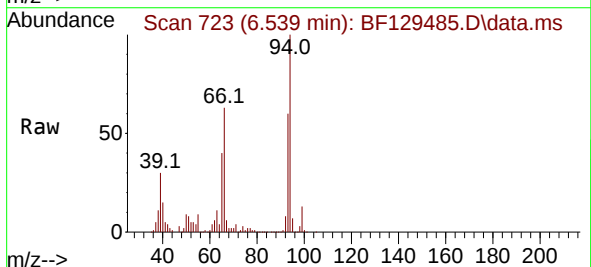
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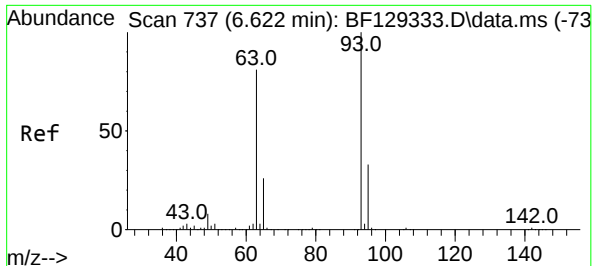
Tgt Ion: 77 Resp: 420260
Ion Ratio Lower Upper
77 100
105 102.7 81.6 121.6
106 98.5 76.1 116.1



#10
Phenol
Concen: 46.988 ng
RT: 6.539 min Scan# 723
Delta R.T. 0.006 min
Lab File: BF129485.D
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Tgt Ion: 94 Resp: 668133
Ion Ratio Lower Upper
94 100
65 40.2 11.4 51.4
66 63.2 21.4 61.4#

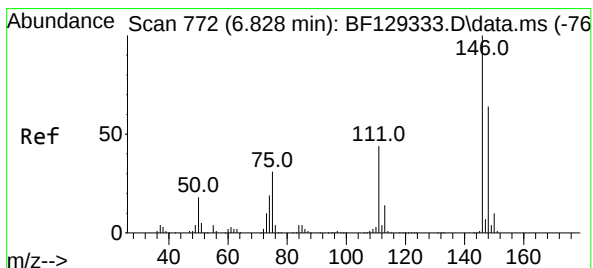
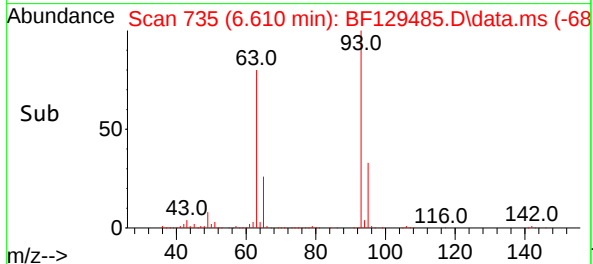
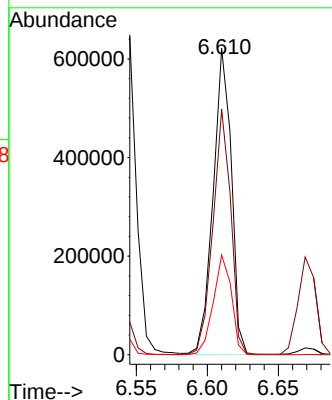
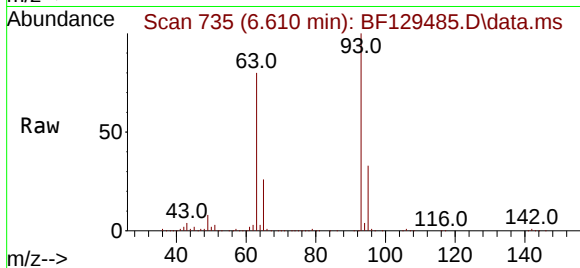




#11
bis(2-Chloroethyl)ether
Concen: 49.171 ng
RT: 6.610 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

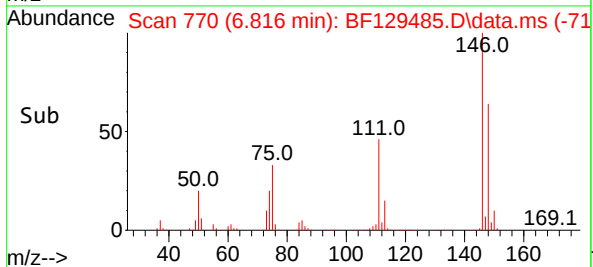
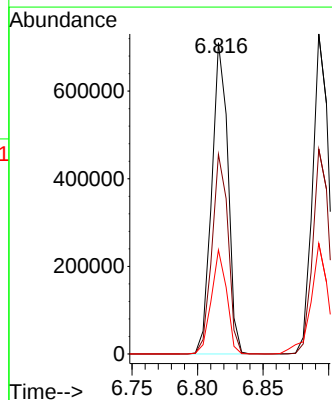
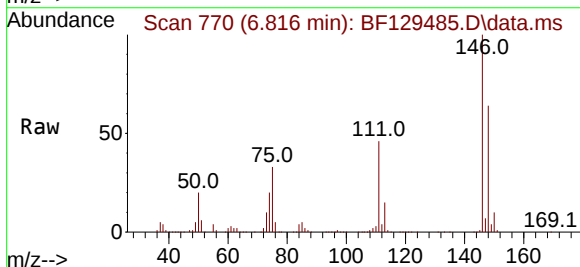
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

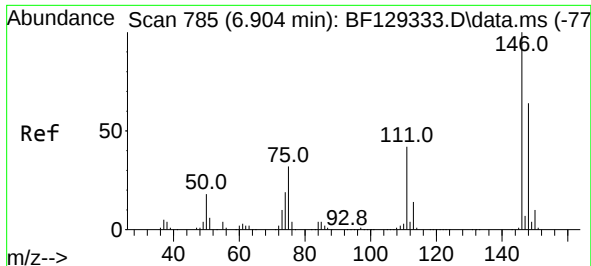
Tgt Ion: 93 Resp: 554484
Ion Ratio Lower Upper
93 100
63 80.1 67.4 107.4
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 49.000 ng
RT: 6.816 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion: 146 Resp: 609923
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 33.4 26.3 39.5

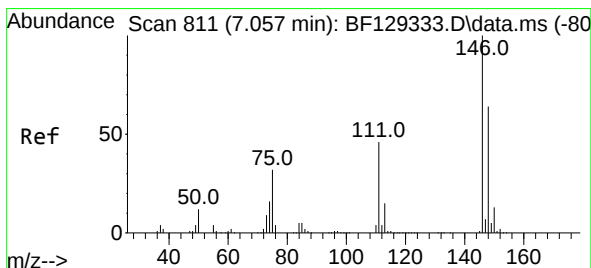
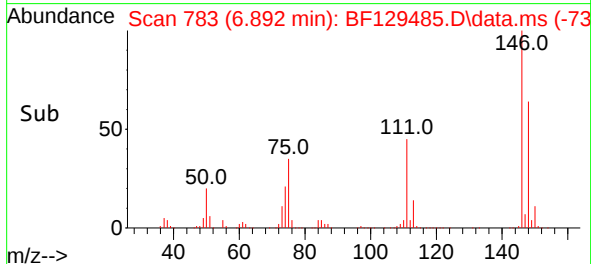
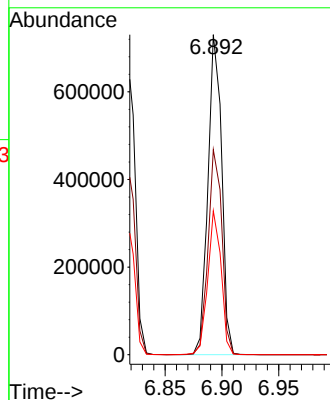
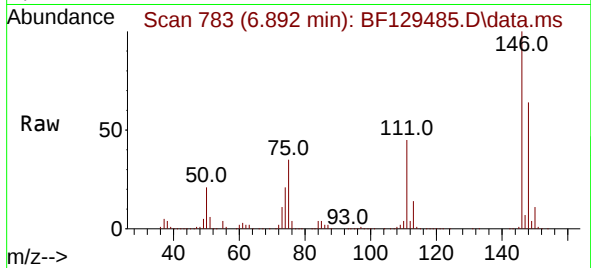




#13
1,4-Dichlorobenzene
Concen: 48.393 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

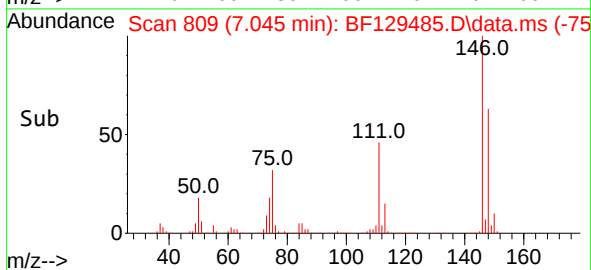
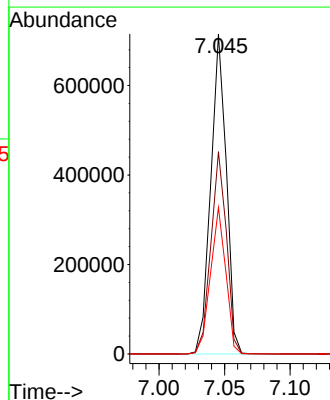
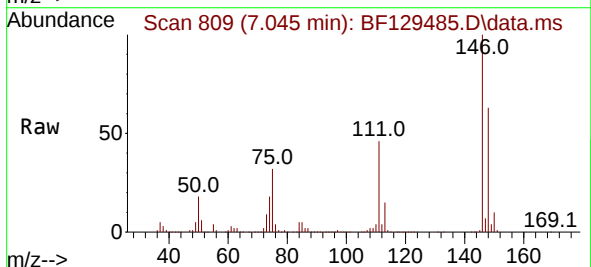
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

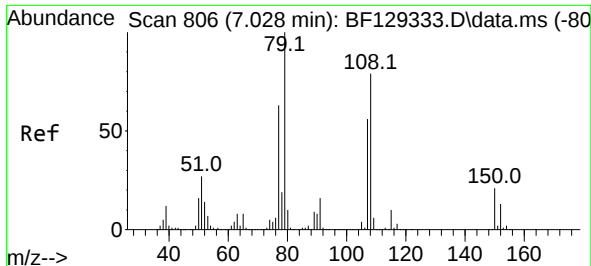
Tgt Ion:146 Resp: 612611
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 45.0 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 50.679 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:146 Resp: 589685
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
111 45.8 35.1 52.7

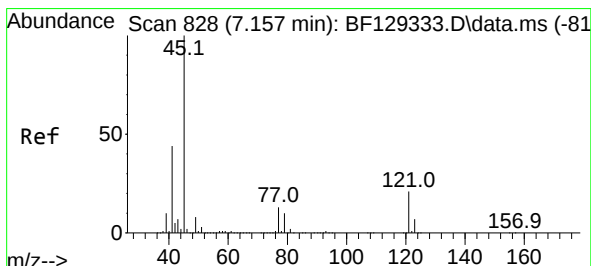
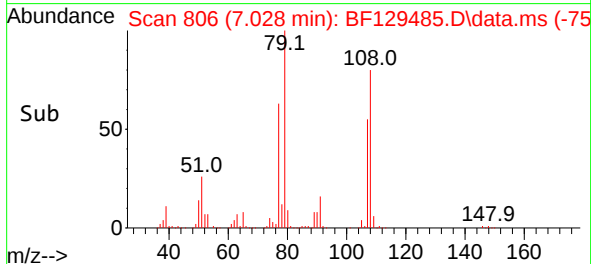
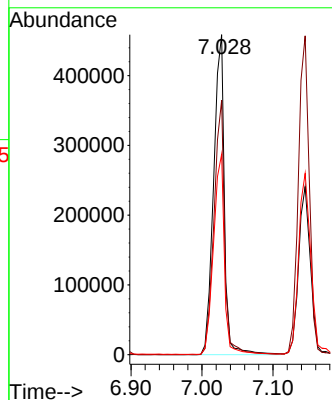
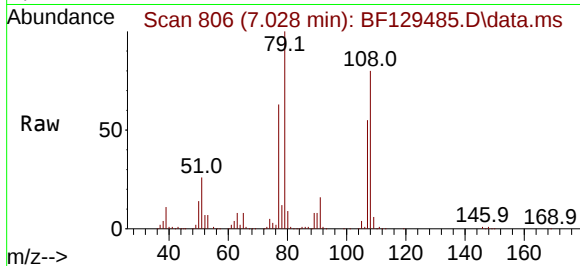




#15
Benzyl Alcohol
Concen: 50.043 ng
RT: 7.028 min Scan# 806
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

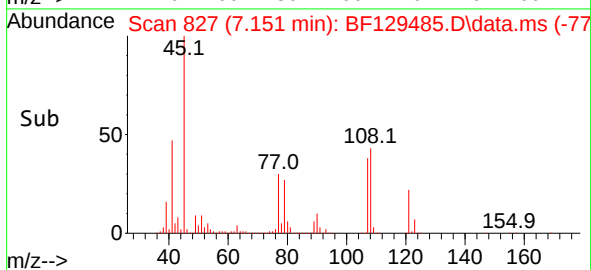
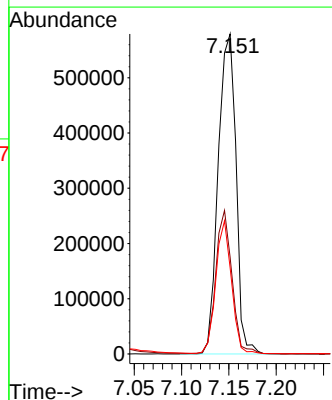
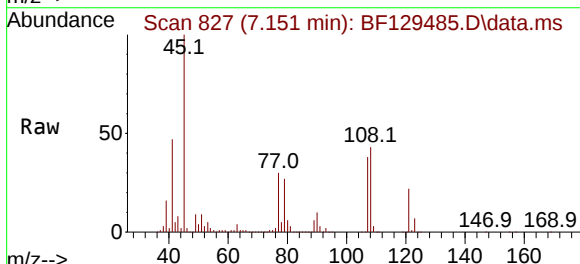
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

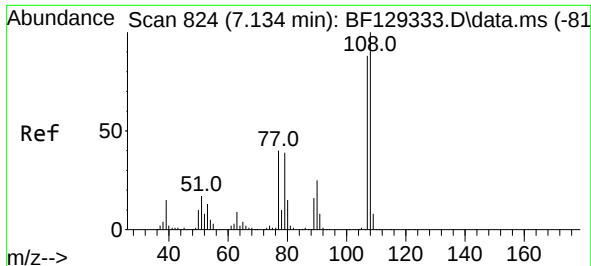
Tgt Ion: 79 Resp: 484621
Ion Ratio Lower Upper
79 100
108 79.5 61.8 92.6
77 62.7 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.671 ng
RT: 7.151 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

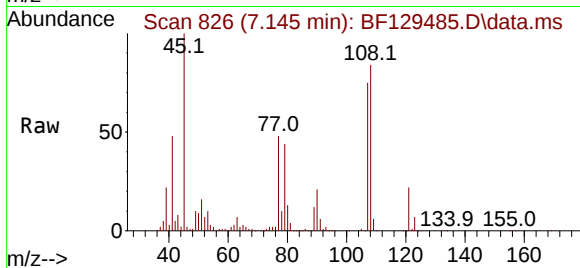
Tgt Ion: 45 Resp: 757211
Ion Ratio Lower Upper
45 100
77 30.2 0.0 31.3
79 27.0 0.0 28.3



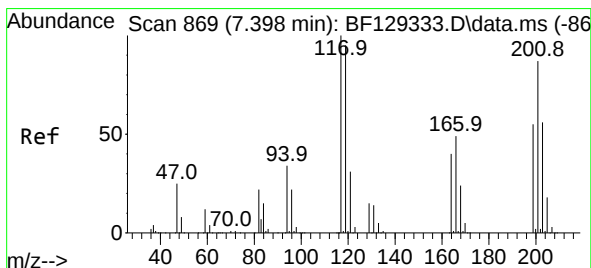
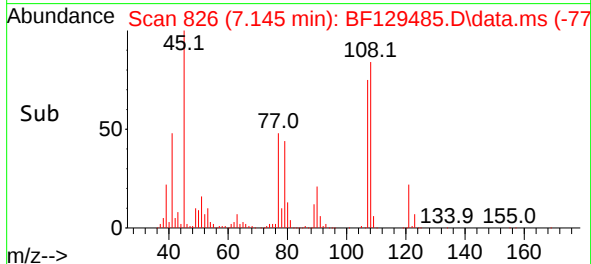
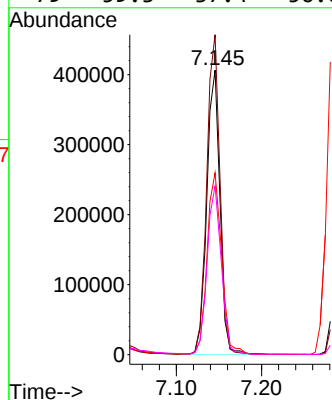


#17
2-Methylphenol
Concen: 45.294 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

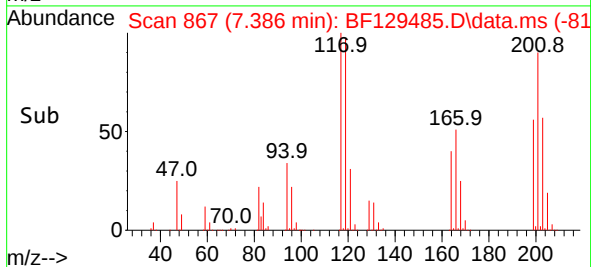
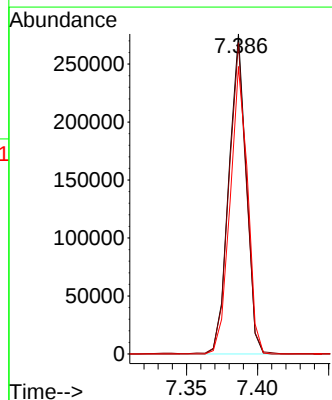
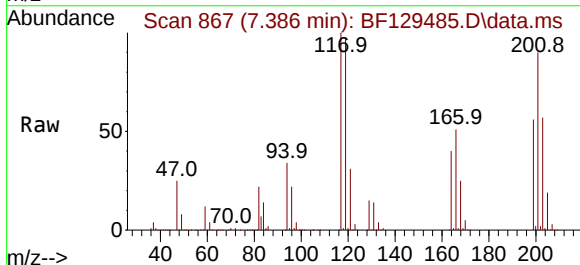


Tgt Ion:107 Resp: 436097
Ion Ratio Lower Upper
107 100
108 112.4 91.9 137.9
77 63.9 37.8 56.8#
79 59.3 37.4 56.0#



#18
Hexachloroethane
Concen: 49.052 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:117 Resp: 233811
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.2
201 89.8 84.6 127.0



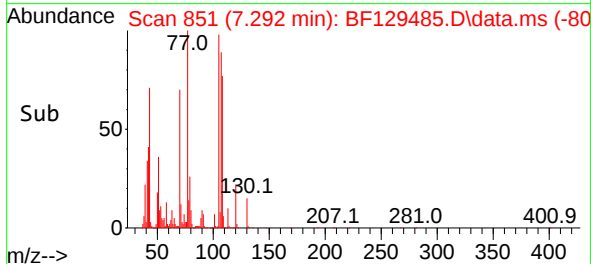
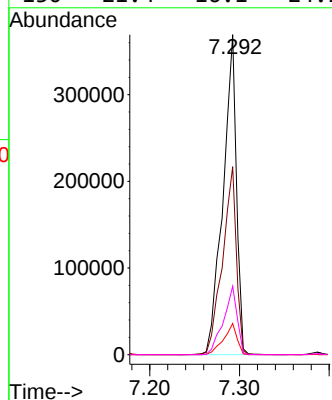
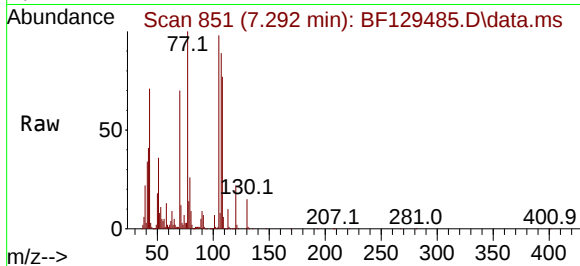


#19
n-Nitroso-di-n-propylamine
Concen: 47.611 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

Tgt Ion: 70 Resp: 384862

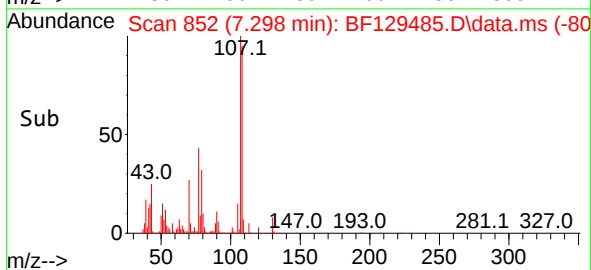
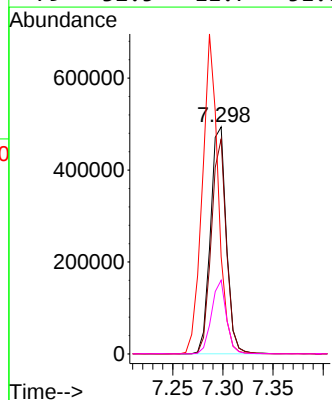
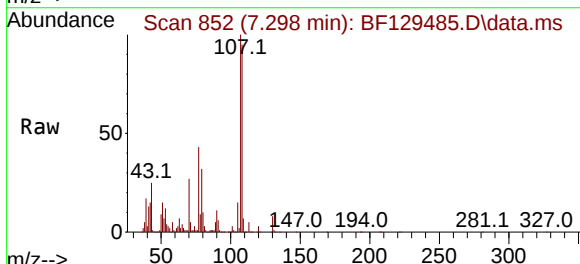
Ion	Ratio	Lower	Upper
70	100		
42	58.7	52.3	78.5
101	9.8	7.5	11.3
130	21.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 44.501 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion: 107 Resp: 544780

Ion	Ratio	Lower	Upper
107	100		
108	94.6	71.8	111.8
77	42.8	59.3	99.3#
79	32.5	11.7	51.7



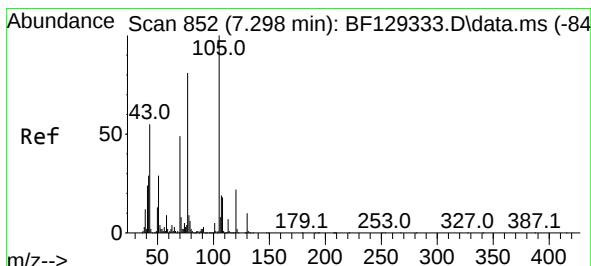
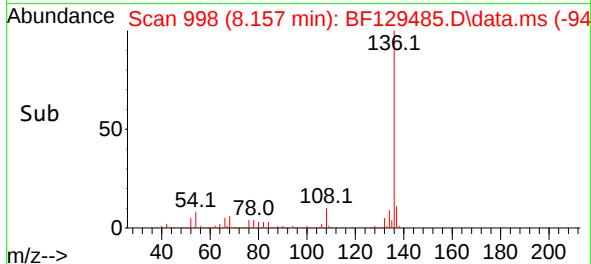
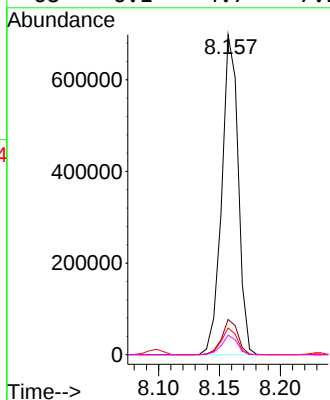
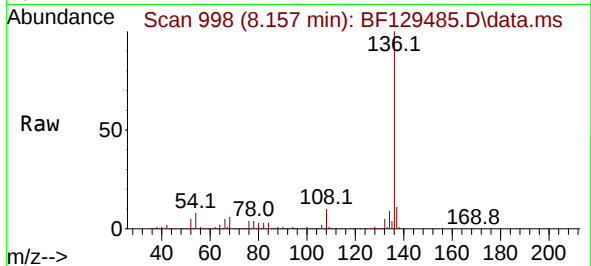


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

Tgt Ion:136 Resp: 658765

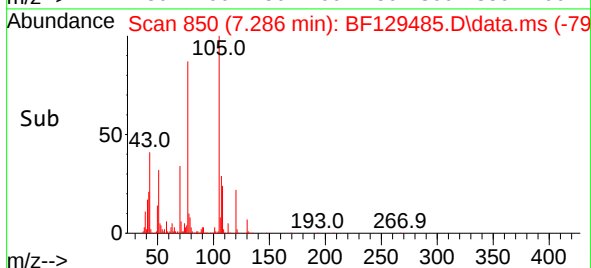
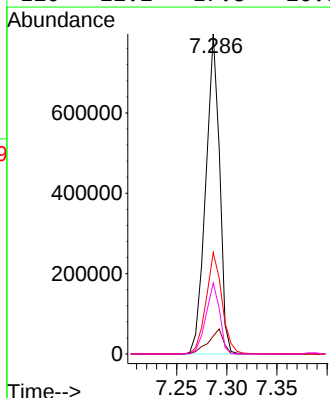
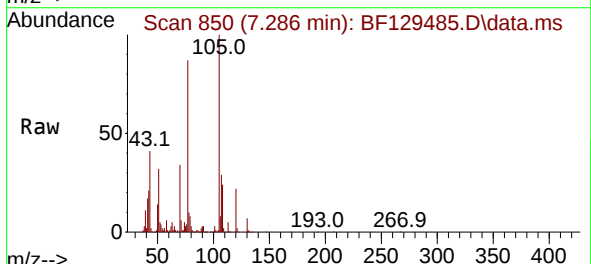
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	7.5	11.3
68	6.1	4.7	7.1

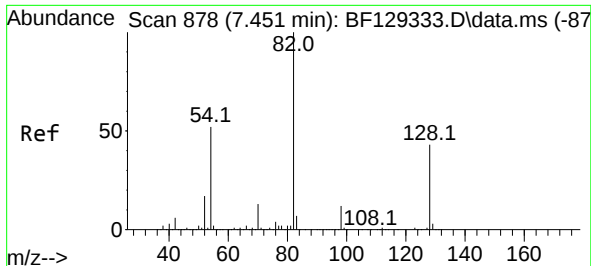


#22
Acetophenone
Concen: 50.111 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:105 Resp: 768565

Ion	Ratio	Lower	Upper
105	100		
71	5.6	5.0	7.4
51	31.7	25.0	37.4
120	22.2	17.8	26.8

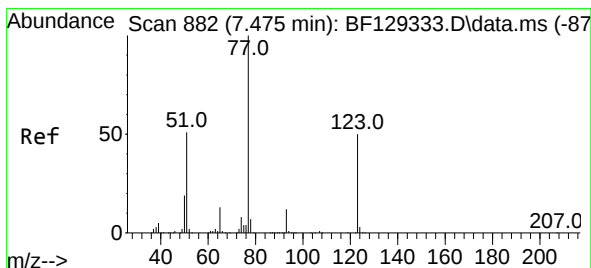
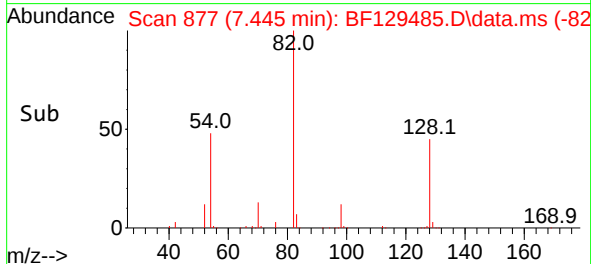
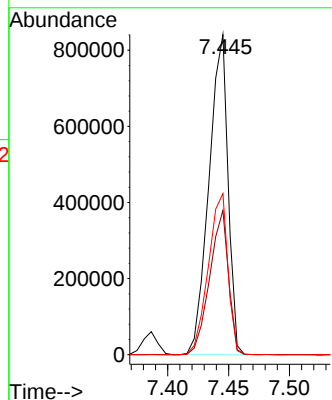
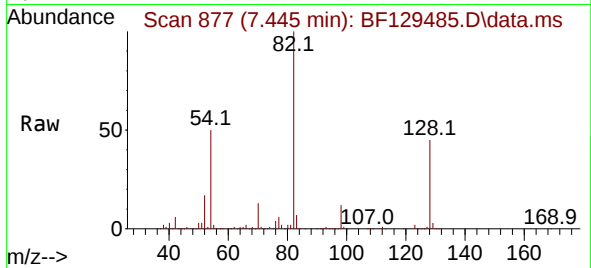




#23
Nitrobenzene-d5
Concen: 75.637 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

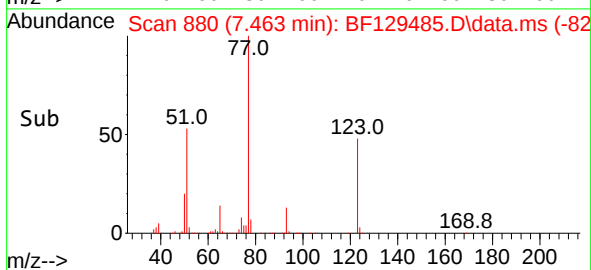
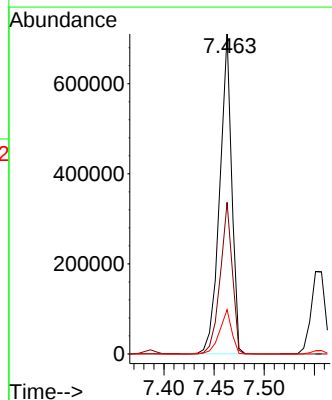
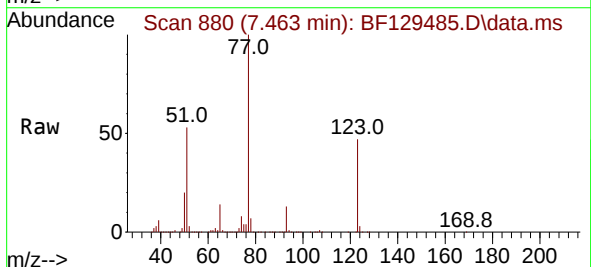
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

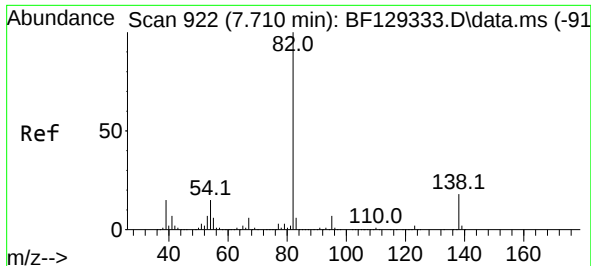
Tgt Ion: 82 Resp: 912779
Ion Ratio Lower Upper
82 100
128 45.1 34.0 51.0
54 50.4 46.9 70.3



#24
Nitrobenzene
Concen: 47.512 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion: 77 Resp: 590434
Ion Ratio Lower Upper
77 100
123 47.4 35.4 53.2
65 13.9 11.8 17.8

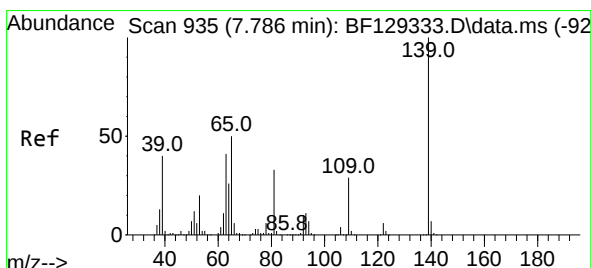
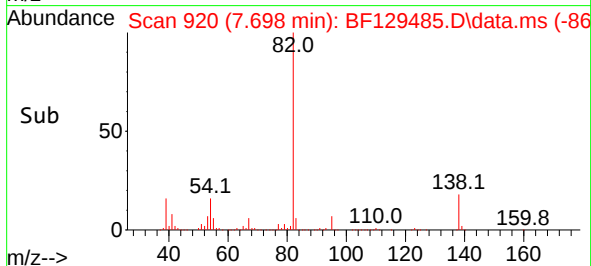
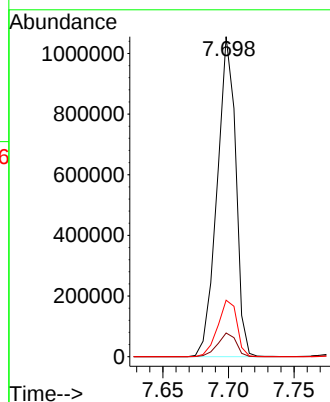
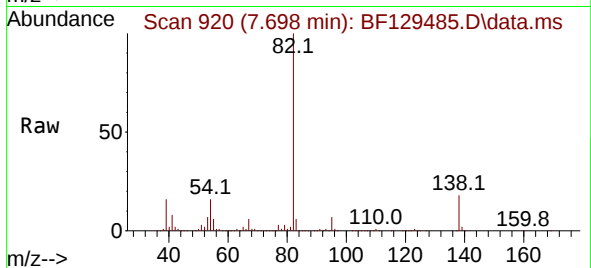




#25
Isophorone
Concen: 48.197 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

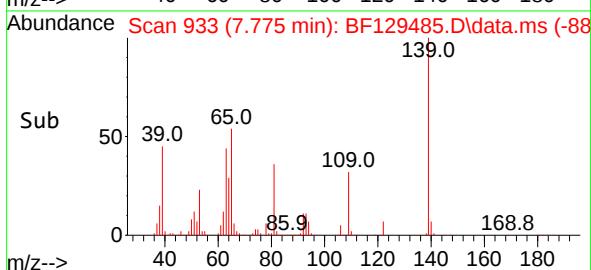
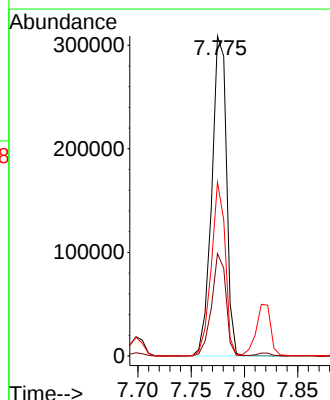
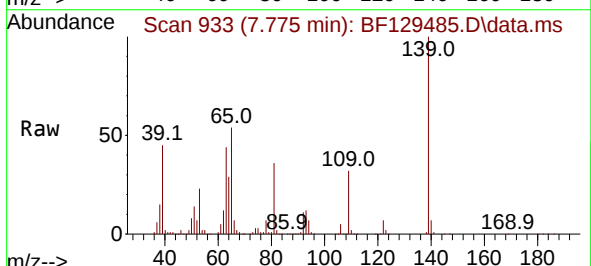
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

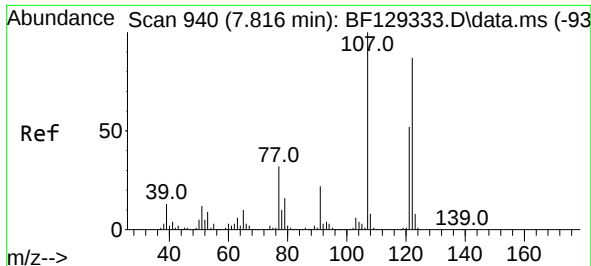
Tgt Ion: 82 Resp: 1042572
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 17.6 14.2 21.2



#26
2-Nitrophenol
Concen: 48.501 ng
RT: 7.775 min Scan# 933
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:139 Resp: 297338
Ion Ratio Lower Upper
139 100
109 32.0 25.0 37.4
65 54.3 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 50.890 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

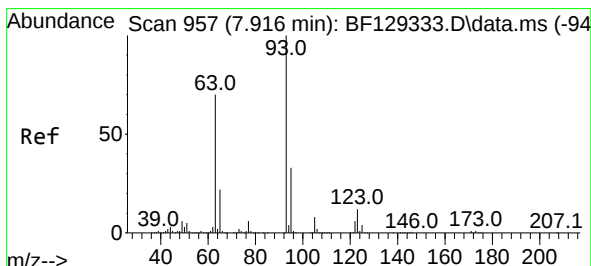
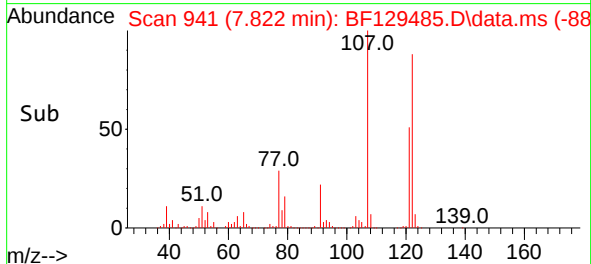
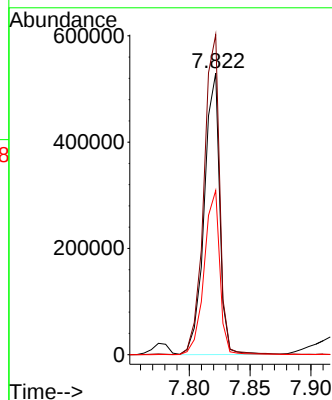
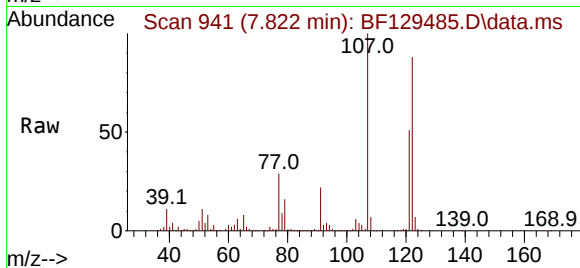
Tgt Ion:122 Resp: 467979

Ion Ratio Lower Upper

122 100

107 113.6 93.0 139.6

121 58.3 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 52.387 ng

RT: 7.904 min Scan# 955

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

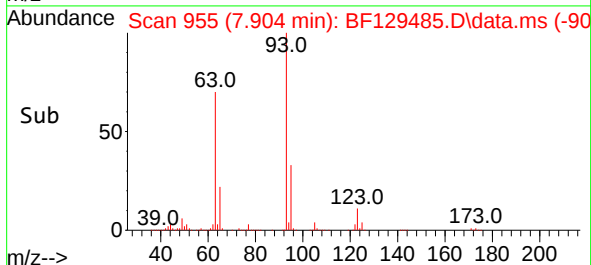
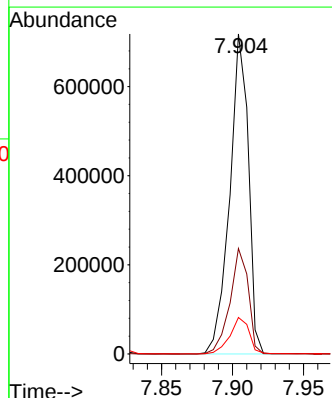
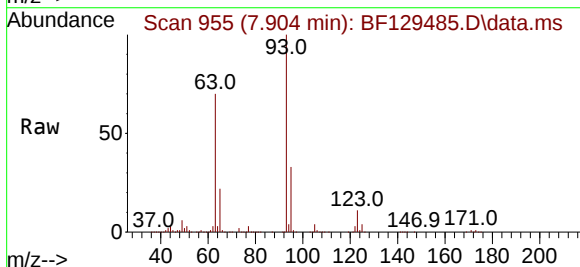
Tgt Ion: 93 Resp: 657383

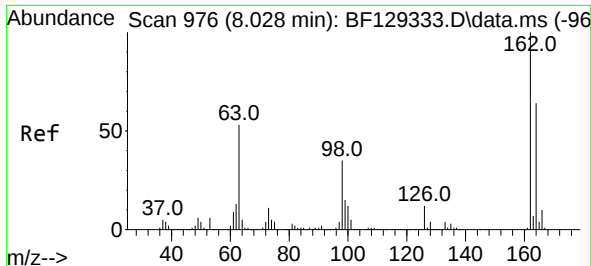
Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.178 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129485.D

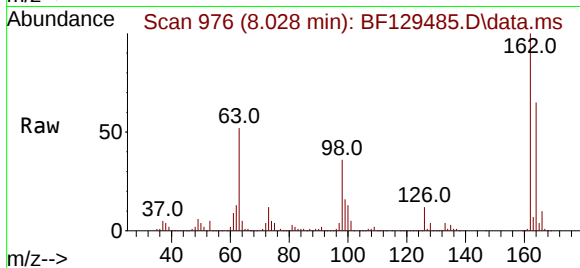
Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD



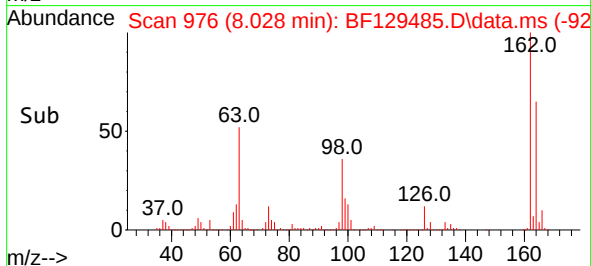
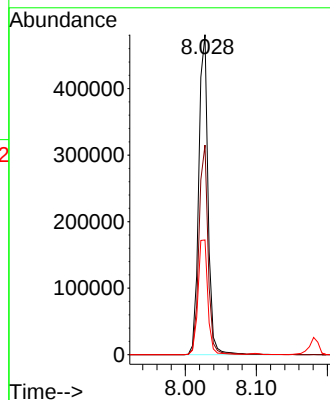
Tgt Ion:162 Resp: 438298

Ion Ratio Lower Upper

162 100

164 65.5 44.2 84.2

98 35.8 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 47.101 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

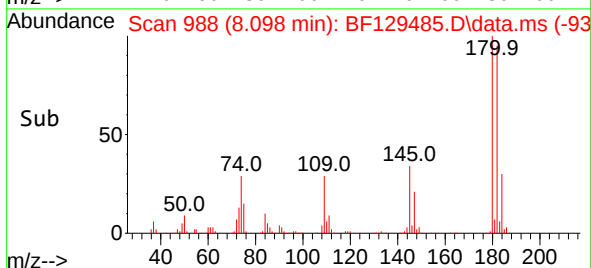
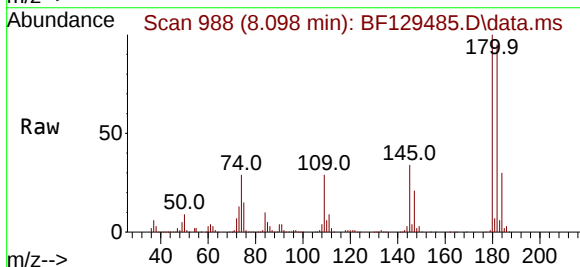
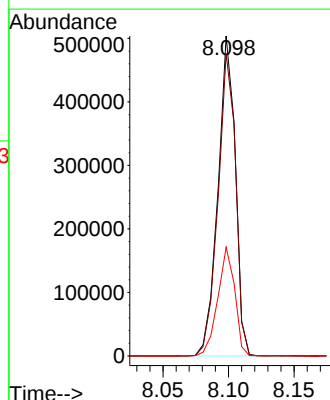
Tgt Ion:180 Resp: 462744

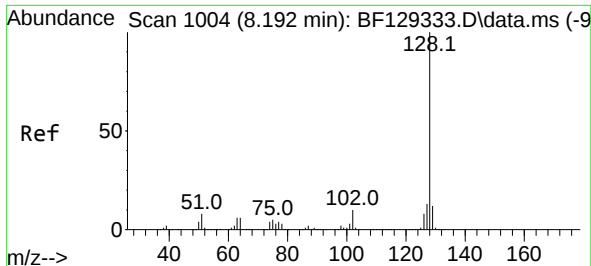
Ion Ratio Lower Upper

180 100

182 94.6 79.2 118.8

145 34.0 26.2 39.2

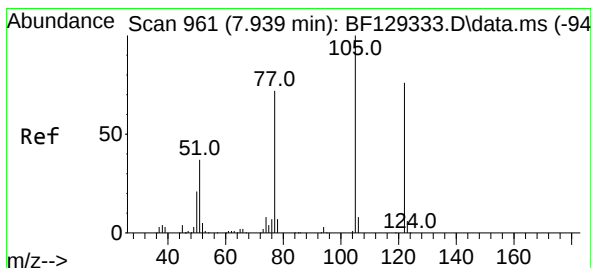
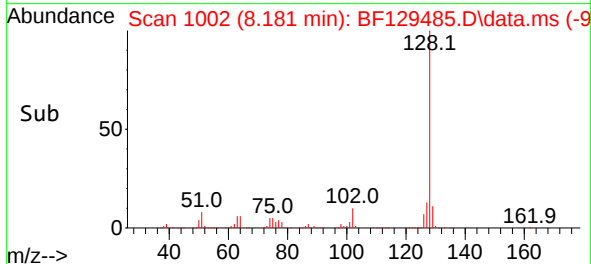
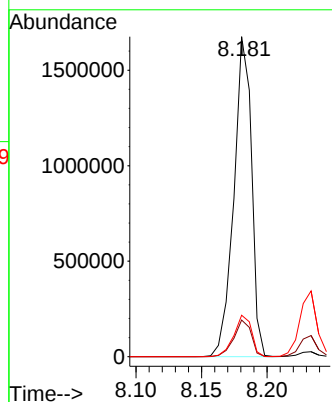
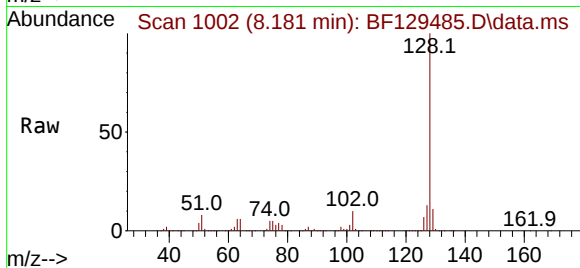




#31
Naphthalene
Concen: 47.060 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

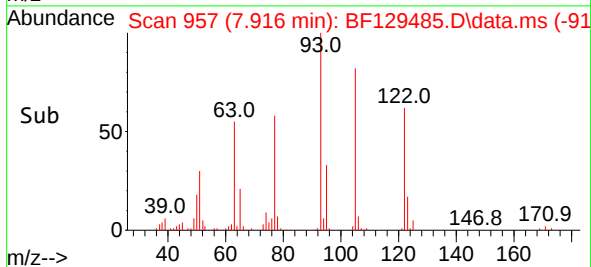
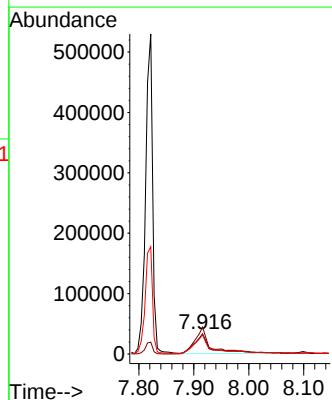
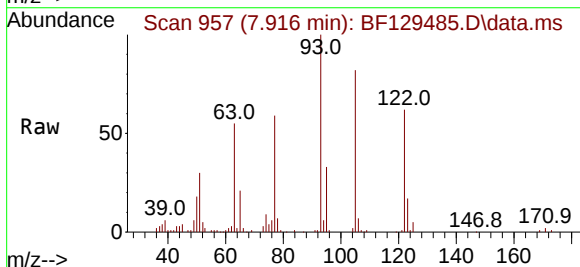
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

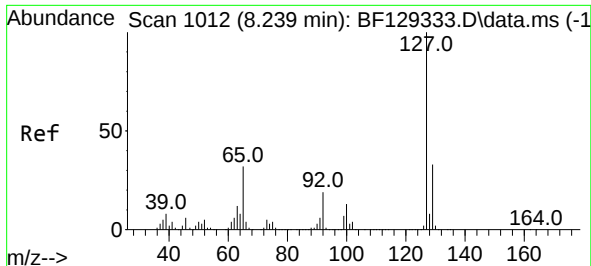
Tgt Ion:128 Resp: 1575066
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 10.680 ng
RT: 7.916 min Scan# 957
Delta R.T. -0.024 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:122 Resp: 70998
Ion Ratio Lower Upper
122 100
105 133.4 107.1 147.1
77 95.7 74.2 114.2

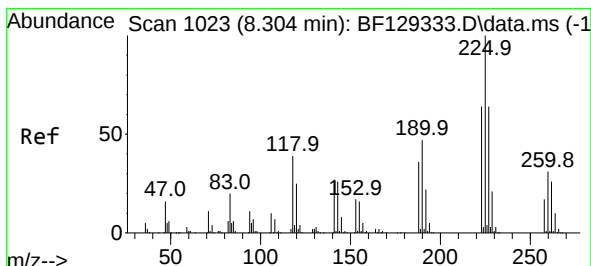
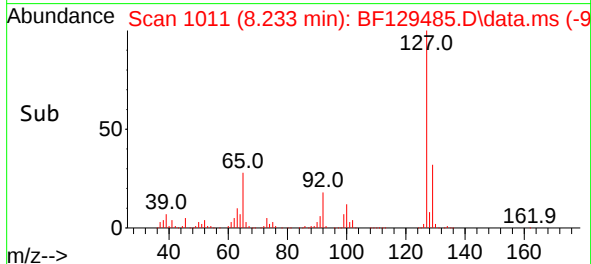
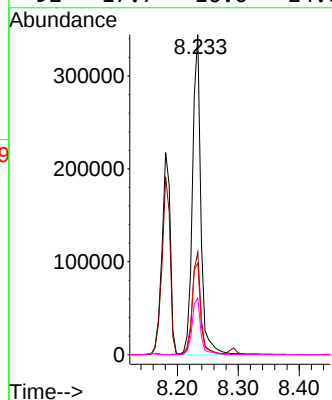
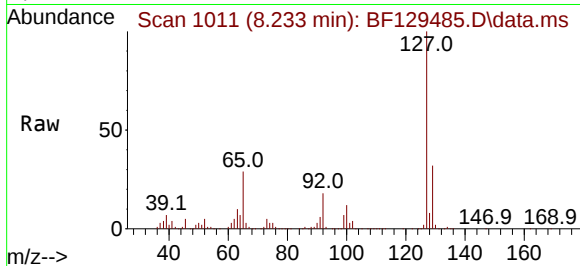




#33
4-Chloroaniline
Concen: 23.871 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

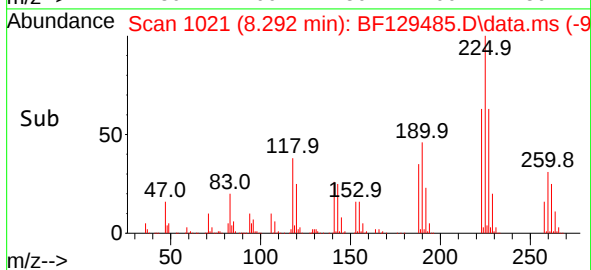
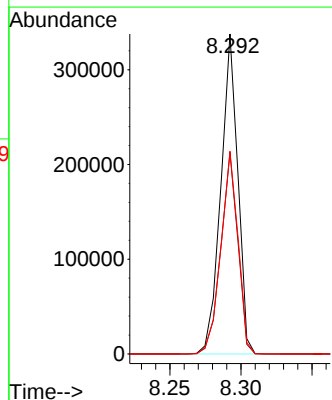
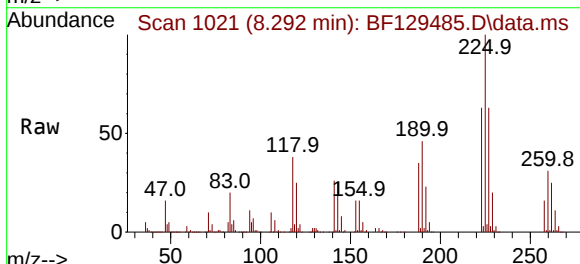
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

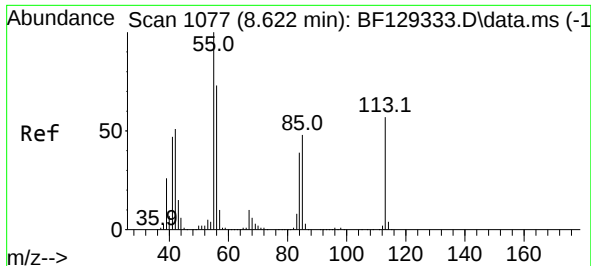
Tgt Ion:	127	Resp:	328016
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.4	39.6
65	28.5	26.4	39.6
92	17.7	16.0	24.0



#34
Hexachlorobutadiene
Concen: 50.083 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:	225	Resp:	279690
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.0	76.6
227	63.4	51.1	76.7

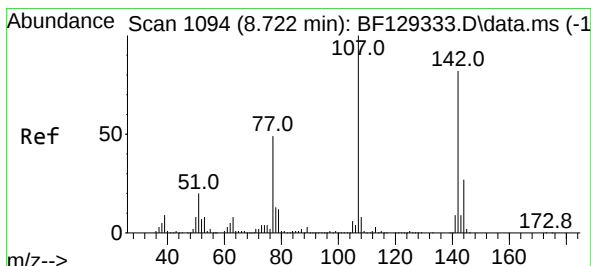
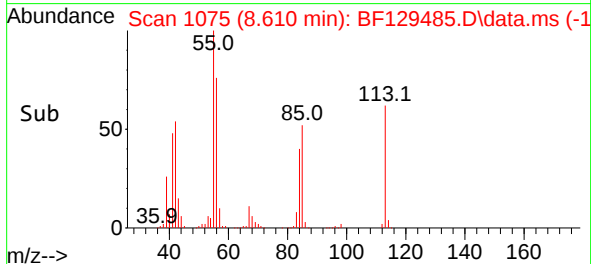
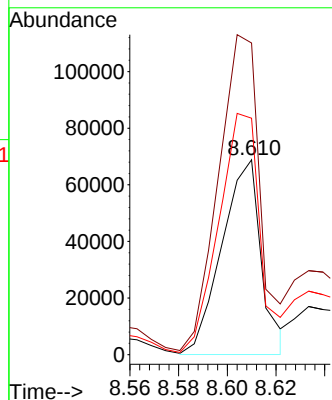
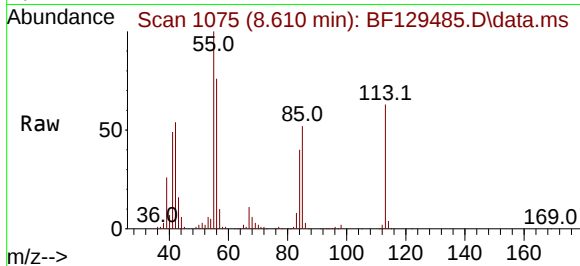




#35
 Caprolactam
 Concen: 25.027 ng
 RT: 8.610 min Scan# 1075
 Delta R.T. -0.006 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31

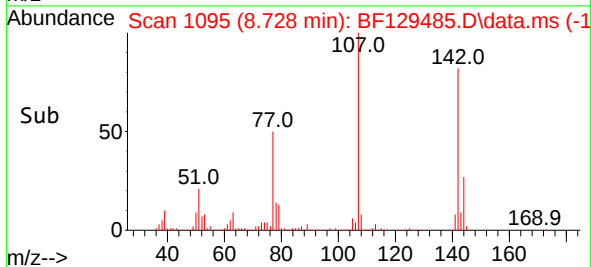
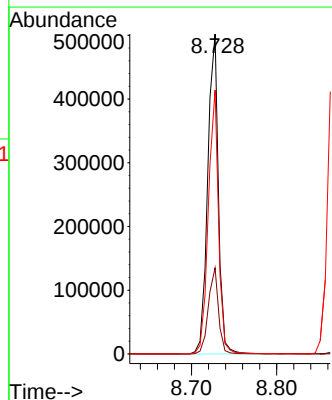
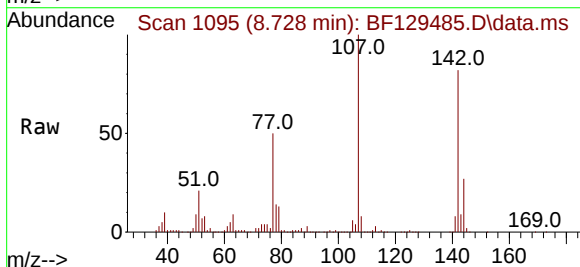
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729MSD

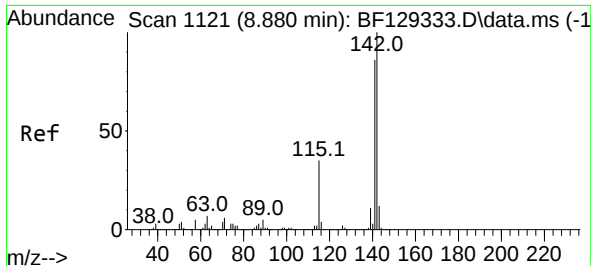
Tgt Ion:113 Resp: 77230
 Ion Ratio Lower Upper
 113 100
 55 159.9 188.5 228.5#
 56 121.3 130.6 170.6#



#36
 4-Chloro-3-methylphenol
 Concen: 43.344 ng
 RT: 8.728 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31

Tgt Ion:107 Resp: 436342
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.5 29.3
 142 82.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 45.943 ng

RT: 8.875 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

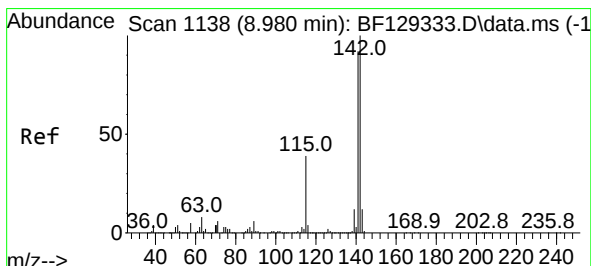
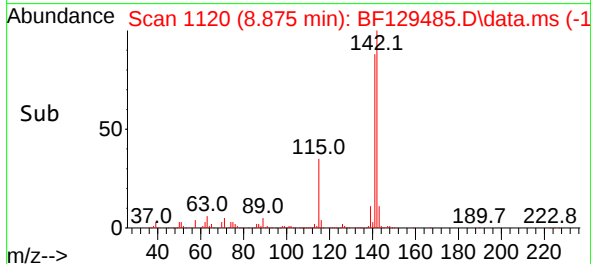
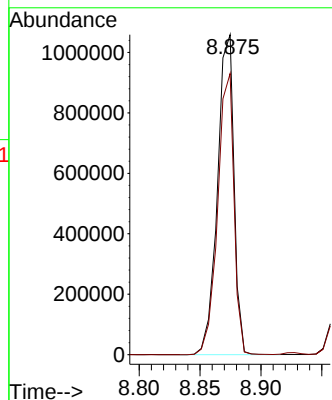
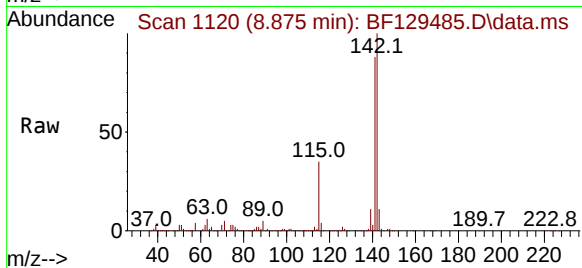
TP1-0729MSD

Tgt Ion:142 Resp: 999280

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.4



#38

1-Methylnaphthalene

Concen: 44.255 ng

RT: 8.975 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF129485.D

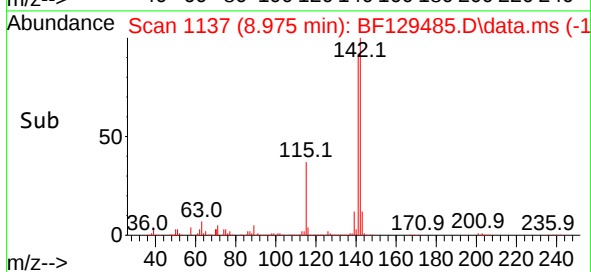
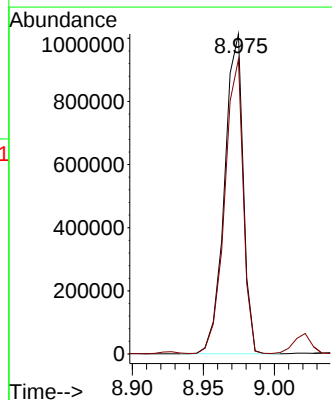
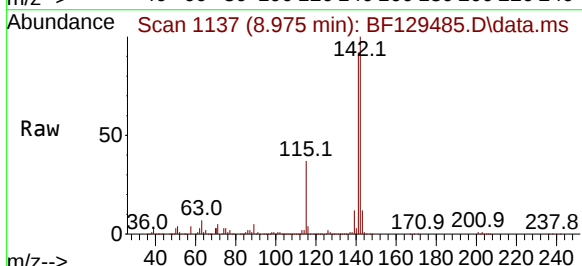
Acq: 01 Aug 2022 21:31

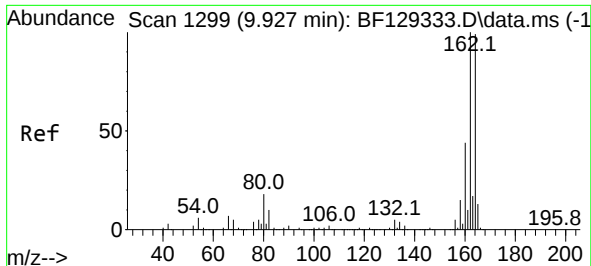
Tgt Ion:142 Resp: 929195

Ion Ratio Lower Upper

142 100

141 92.1 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: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

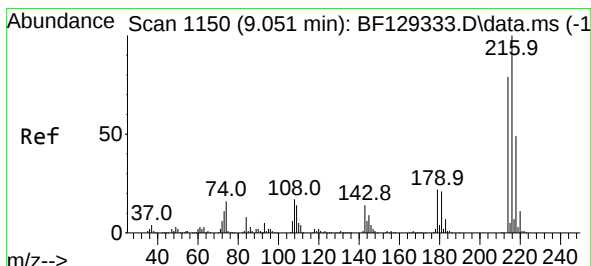
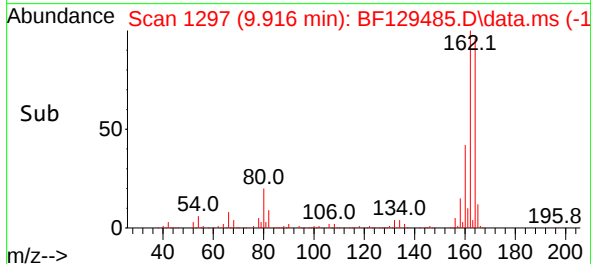
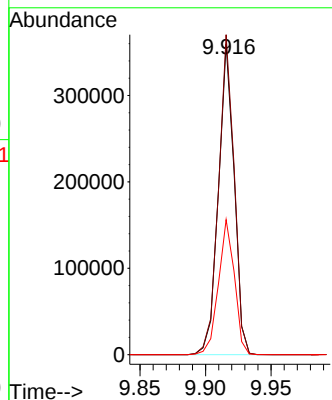
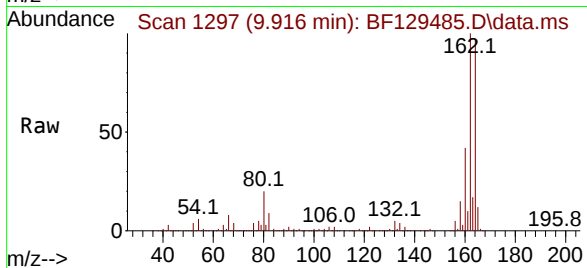
Tgt Ion:164 Resp: 298830

Ion Ratio Lower Upper

164 100

162 103.1 79.5 119.3

160 43.5 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.769 ng

RT: 9.039 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Tgt Ion:216 Resp: 429751

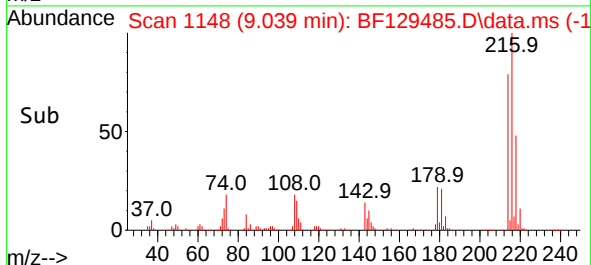
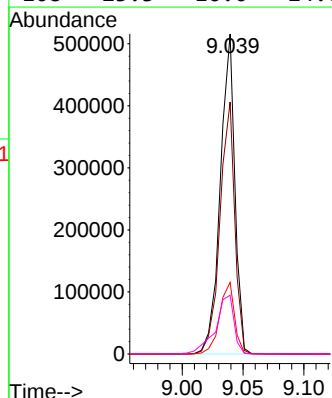
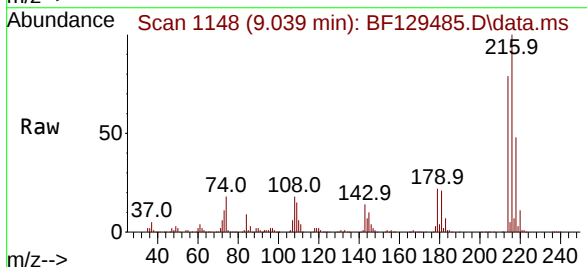
Ion Ratio Lower Upper

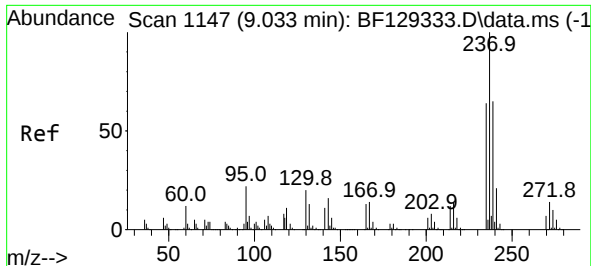
216 100

214 80.0 63.6 95.4

179 22.9 17.0 25.6

108 23.3 16.0 24.0

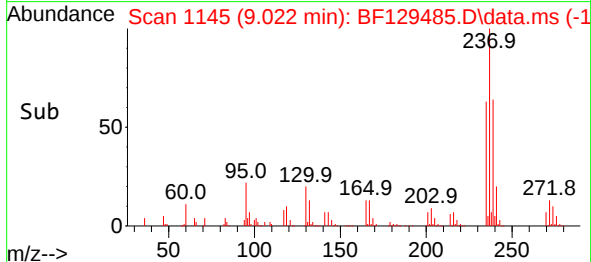
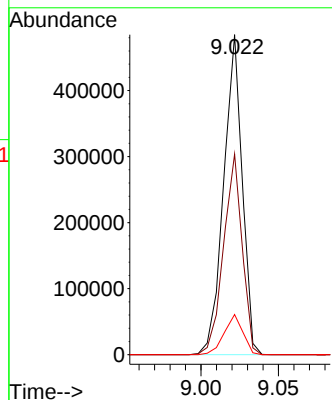
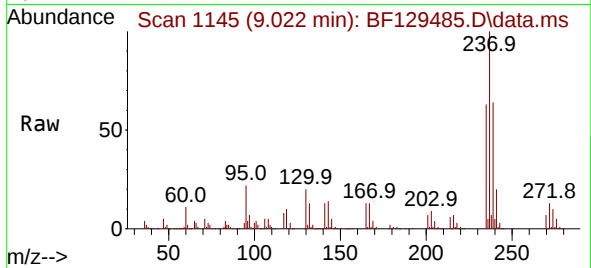




#41
Hexachlorocyclopentadiene
Concen: 115.559 ng
RT: 9.022 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

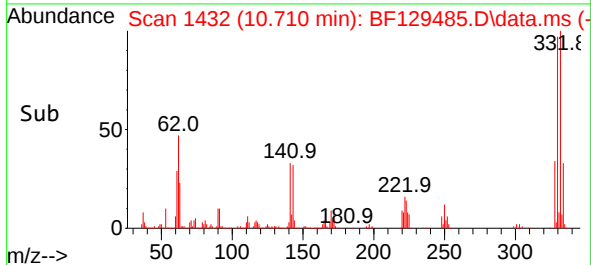
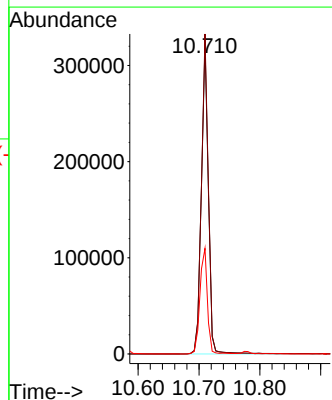
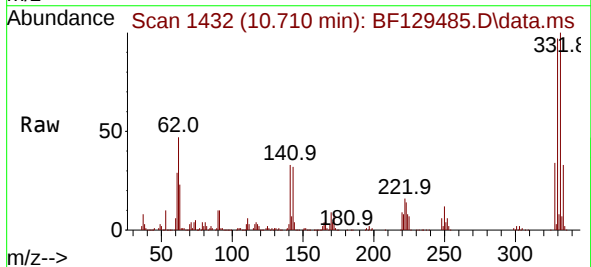
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

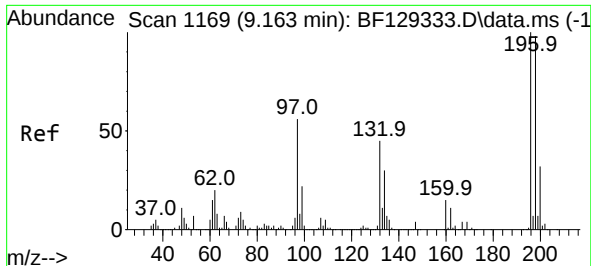
Tgt Ion:237 Resp: 403766
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 12.6 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 90.623 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:330 Resp: 260361
Ion Ratio Lower Upper
330 100
332 101.8 76.8 115.2
141 36.0 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 47.245 ng

RT: 9.157 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

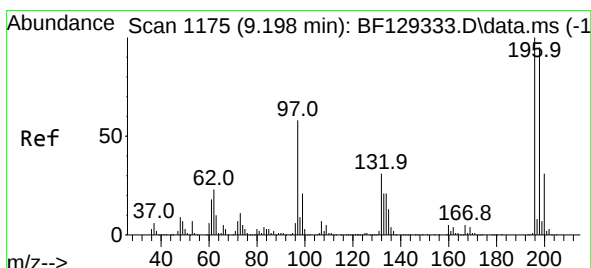
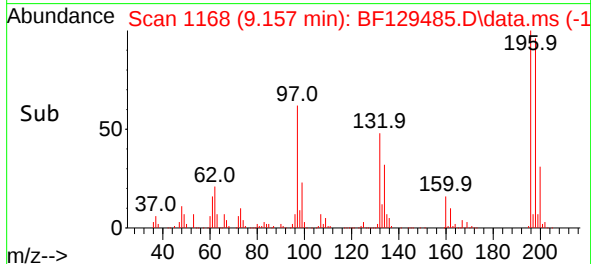
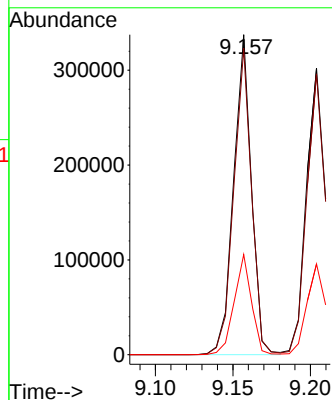
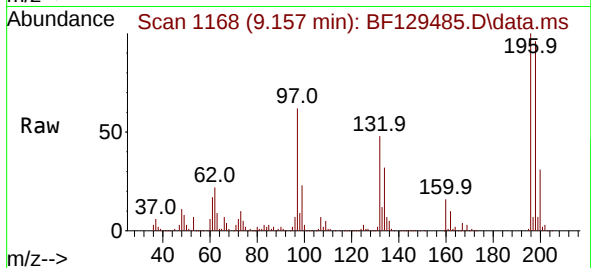
Tgt Ion:196 Resp: 269252

Ion Ratio Lower Upper

196 100

198 95.7 74.0 111.0

200 31.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 43.444 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Tgt Ion:196 Resp: 269251

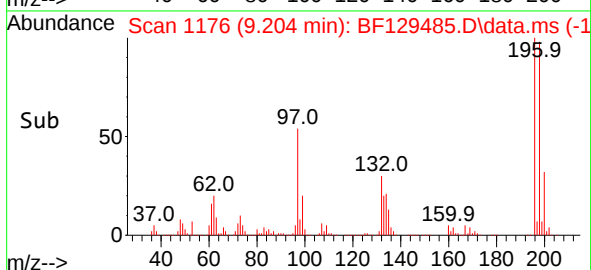
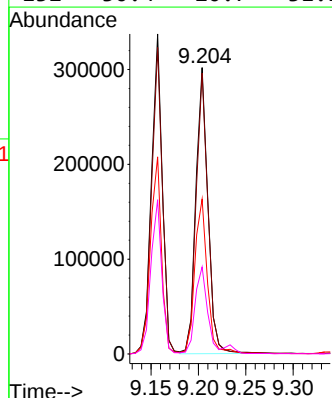
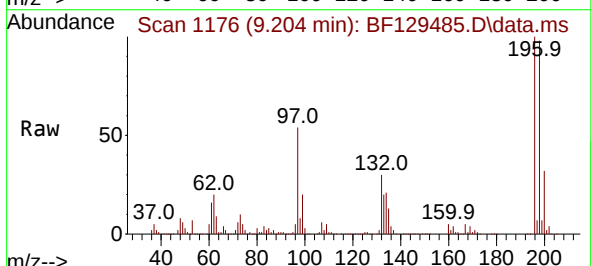
Ion Ratio Lower Upper

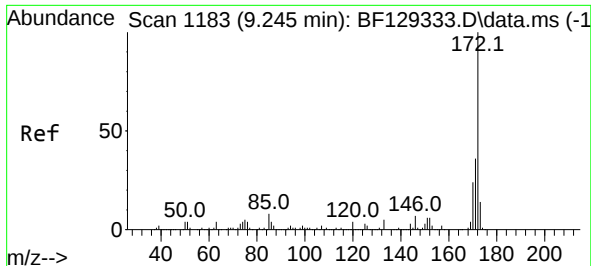
196 100

198 98.1 75.7 113.5

97 54.1 36.4 54.6

132 30.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 77.872 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

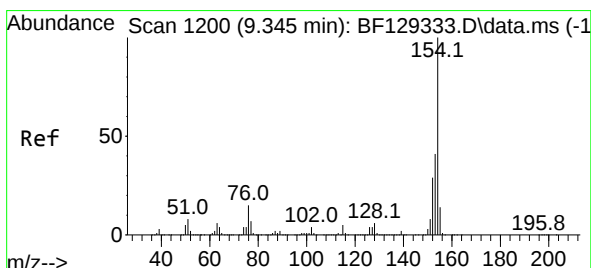
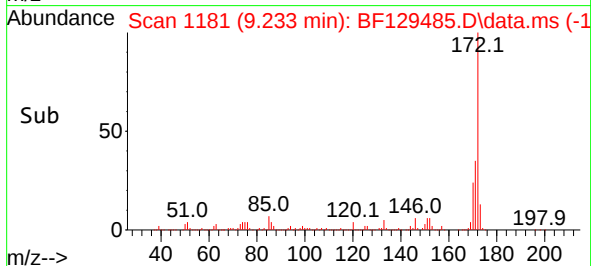
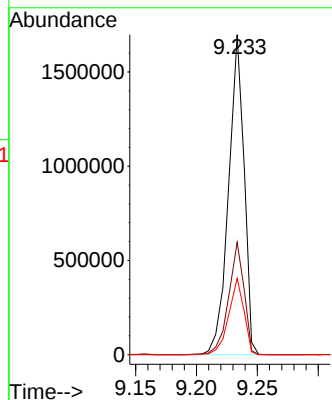
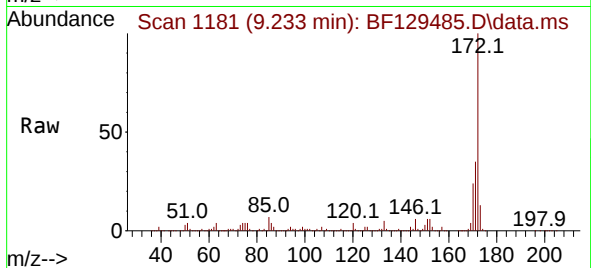
Tgt Ion:172 Resp: 1504281

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.8 19.8 29.8



#46

1,1'-Biphenyl

Concen: 53.395 ng

RT: 9.333 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

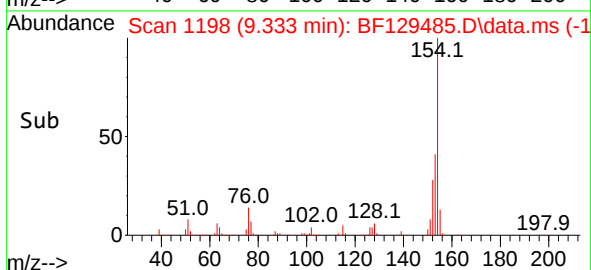
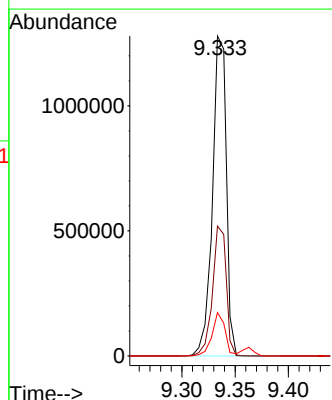
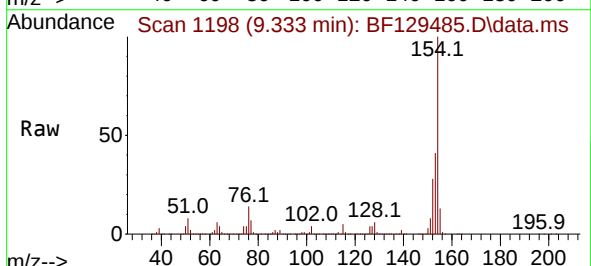
Tgt Ion:154 Resp: 1164460

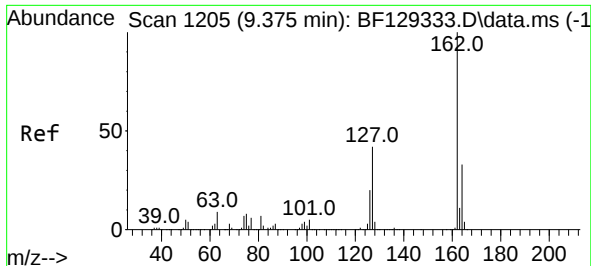
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 13.6 0.0 33.3

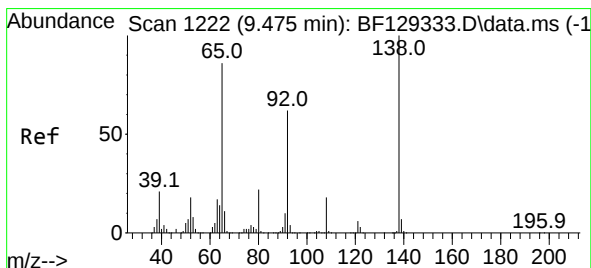
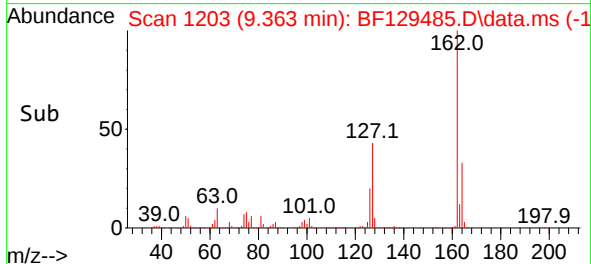
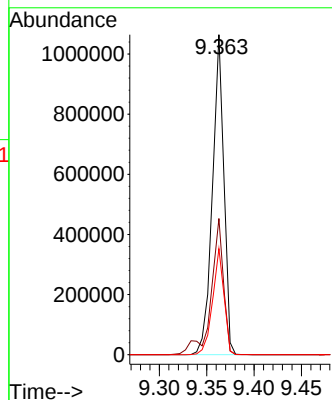
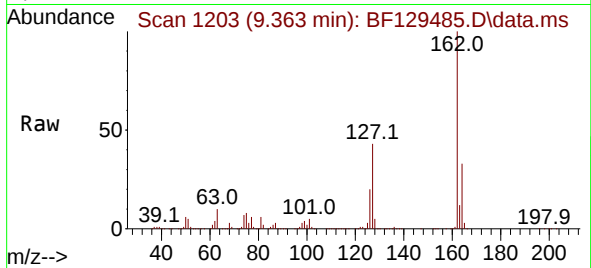




#47
2-Chloronaphthalene
Concen: 50.619 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

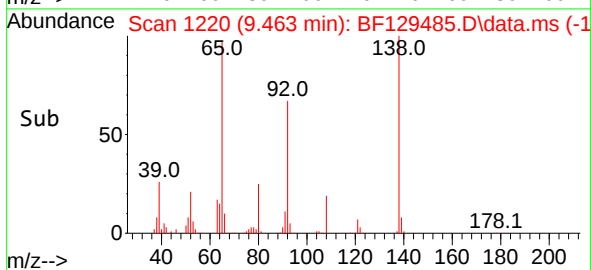
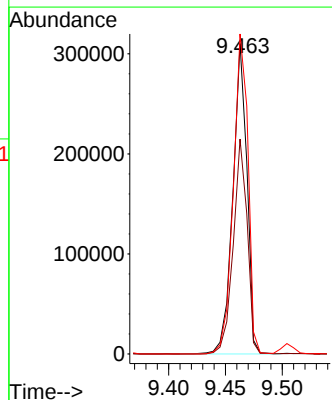
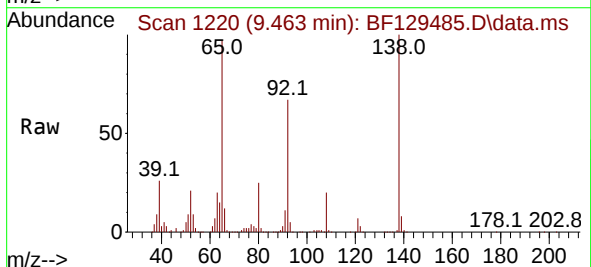
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

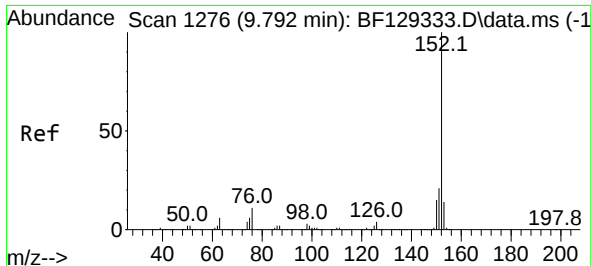
Tgt Ion:162 Resp: 892419
Ion Ratio Lower Upper
162 100
127 42.5 34.5 51.7
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 45.391 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion: 65 Resp: 266100
Ion Ratio Lower Upper
65 100
92 69.2 51.9 77.9
138 103.0 76.4 114.6





#49

Acenaphthylene

Concen: 48.453 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

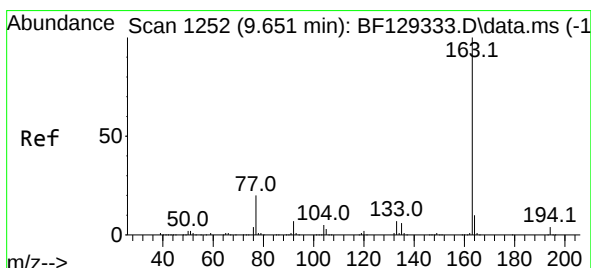
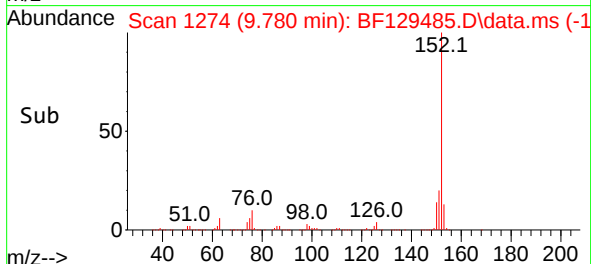
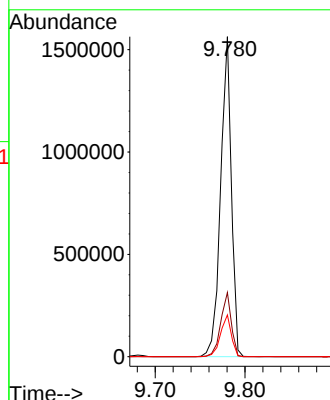
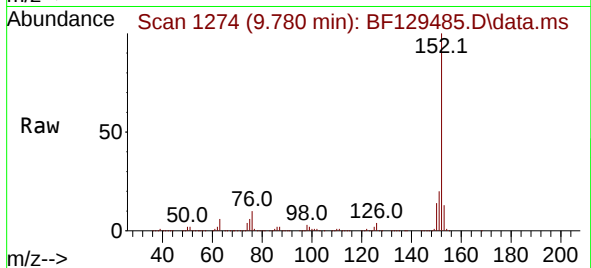
Tgt Ion:152 Resp: 1298006

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 47.943 ng

RT: 9.639 min Scan# 1250

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

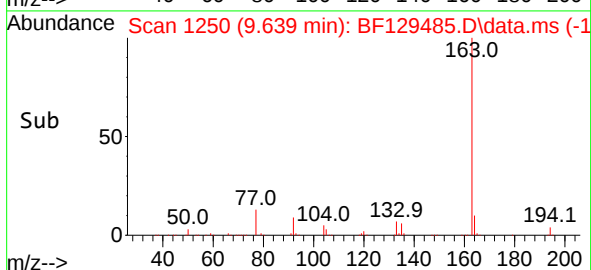
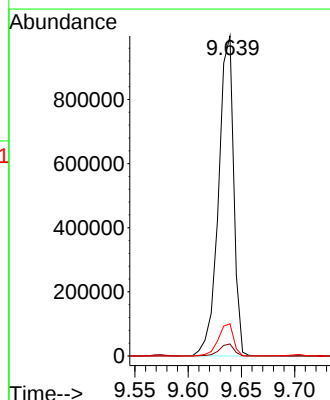
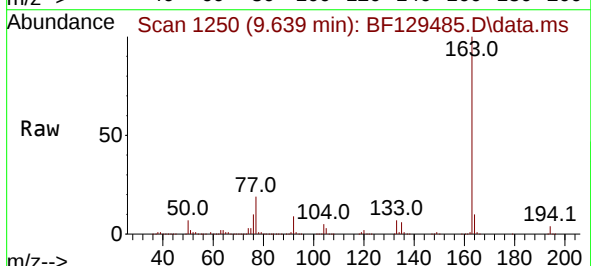
Tgt Ion:163 Resp: 989017

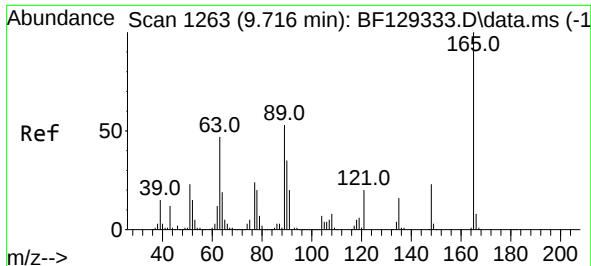
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.0 8.2 12.2

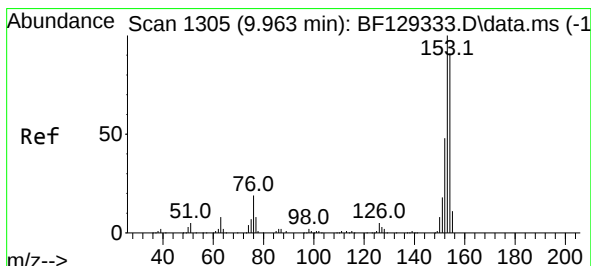
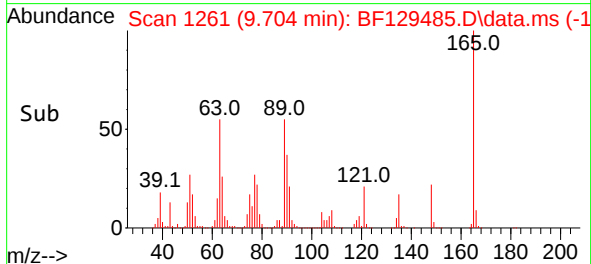
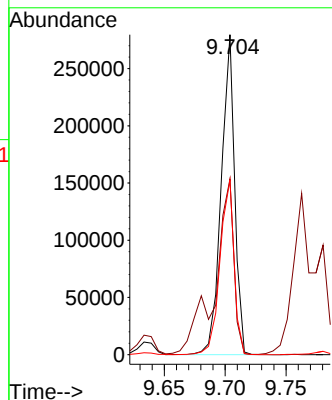
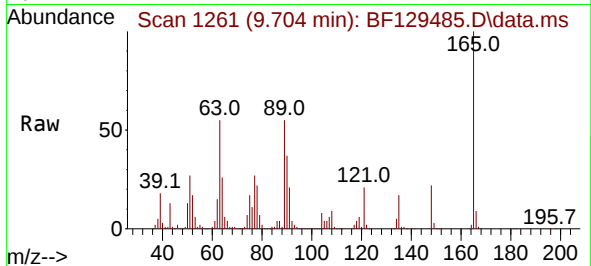




#51
2,6-Dinitrotoluene
Concen: 46.719 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

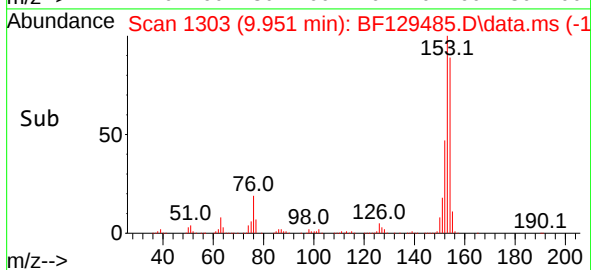
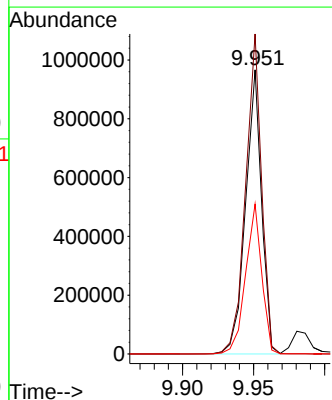
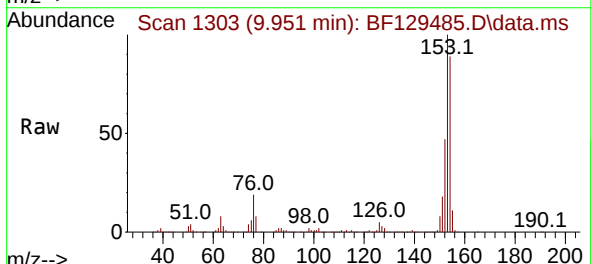
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

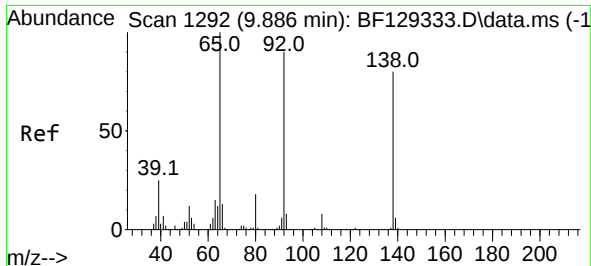
Tgt Ion:165 Resp: 215712
Ion Ratio Lower Upper
165 100
63 54.9 44.9 67.3
89 54.6 43.6 65.4



#52
Acenaphthene
Concen: 43.501 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:154 Resp: 761142
Ion Ratio Lower Upper
154 100
153 112.6 89.6 134.4
152 52.8 42.4 63.6

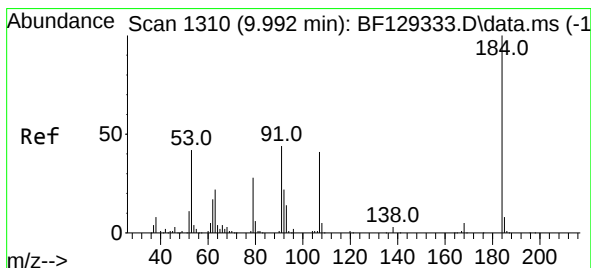
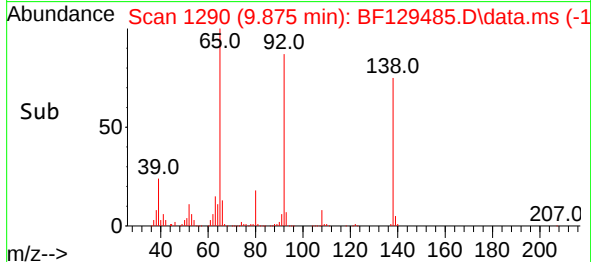
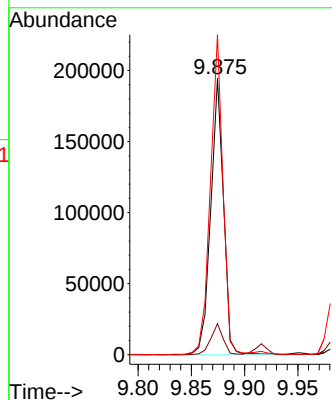
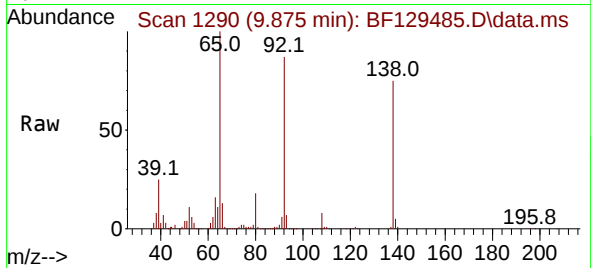




#53
3-Nitroaniline
Concen: 29.851 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

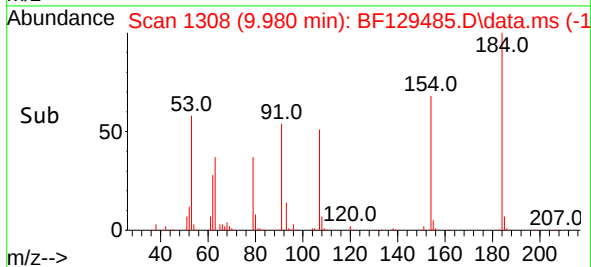
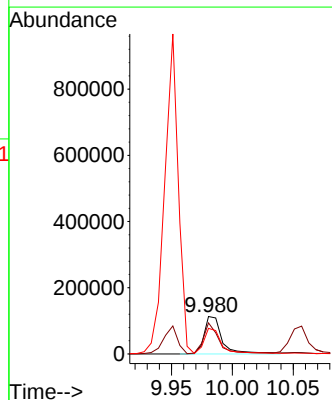
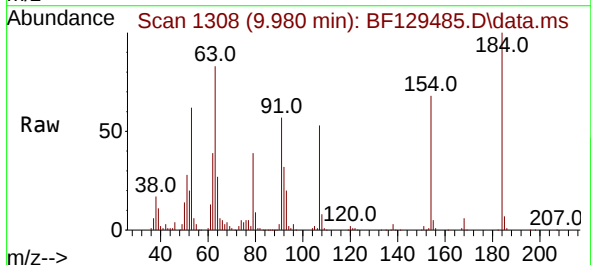
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

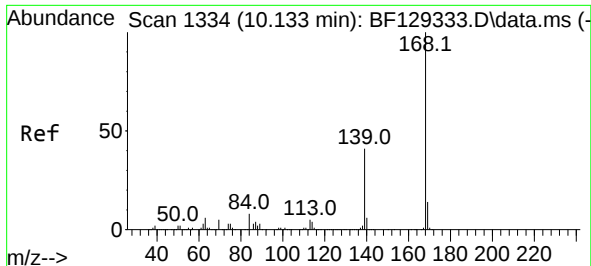
Tgt Ion:138 Resp: 162752
Ion Ratio Lower Upper
138 100
108 11.2 10.9 16.3
92 115.8 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 49.859 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:184 Resp: 117523
Ion Ratio Lower Upper
184 100
63 82.6 64.5 96.7
154 68.1 50.6 75.8

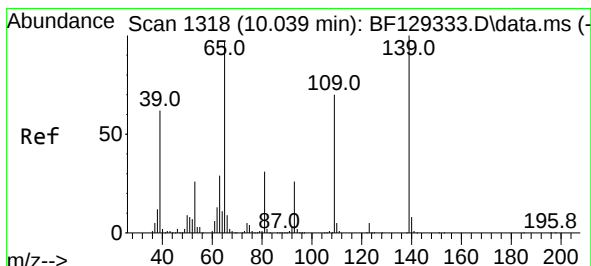
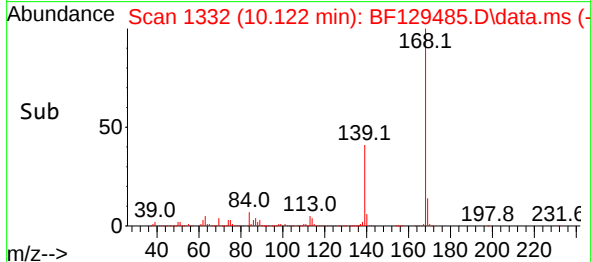
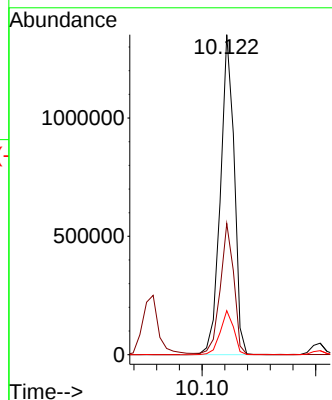
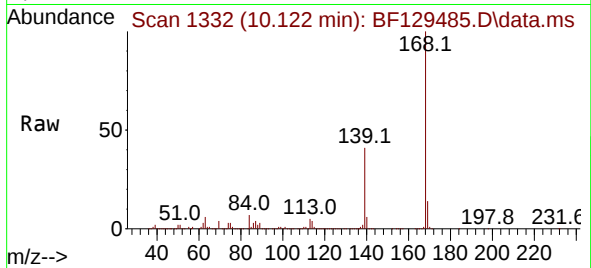




#55
Dibenzenofuran
Concen: 47.327 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

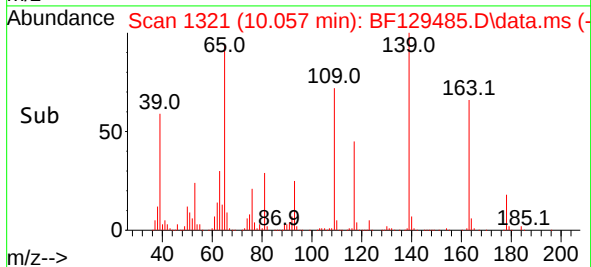
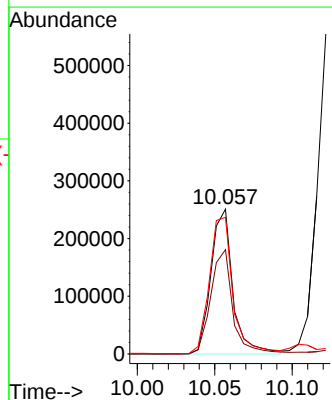
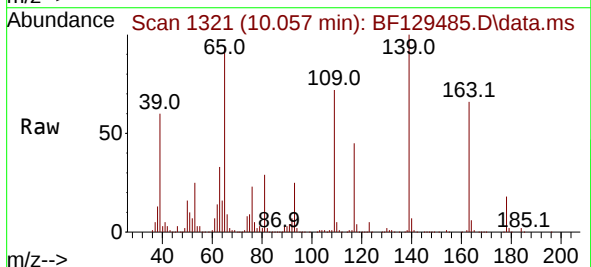
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

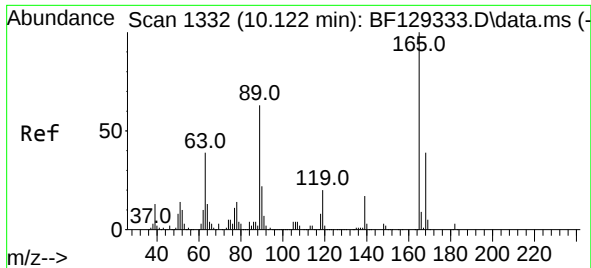
Tgt Ion:168 Resp: 1141515
Ion Ratio Lower Upper
168 100
139 41.0 30.6 46.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 61.499 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:139 Resp: 247370
Ion Ratio Lower Upper
139 100
109 72.0 50.7 90.7
65 94.3 74.5 114.5

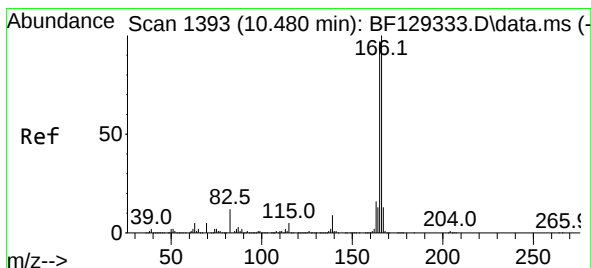
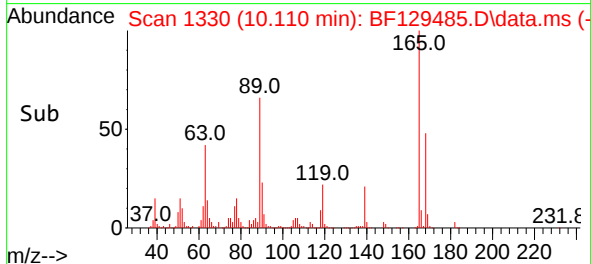
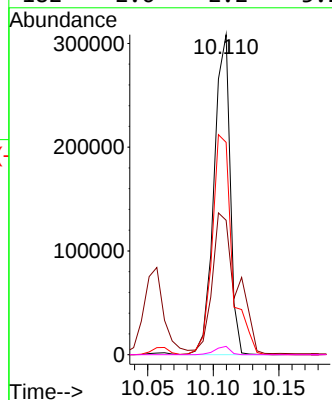
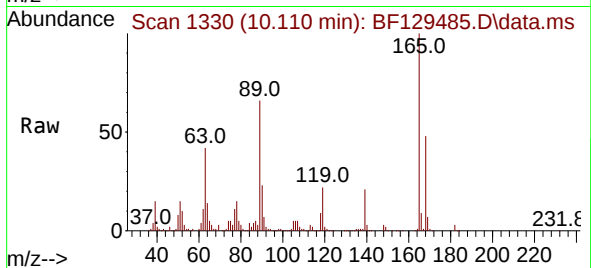




#57
2,4-Dinitrotoluene
Concen: 43.645 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

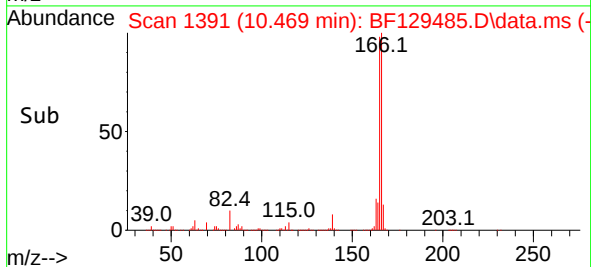
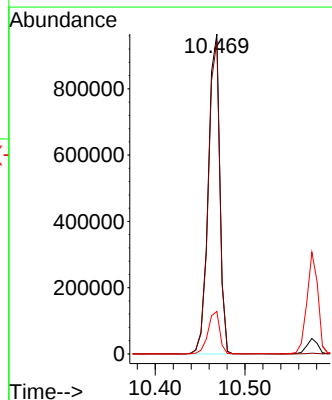
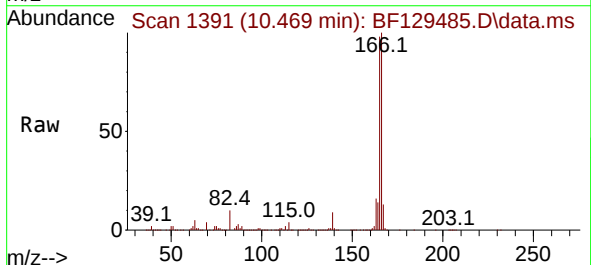
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

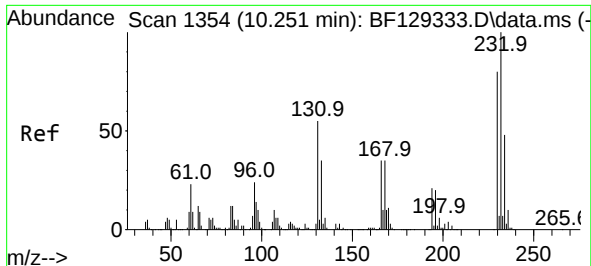
Tgt Ion:165 Resp: 263251
Ion Ratio Lower Upper
165 100
63 42.0 39.8 59.6
89 66.3 60.2 90.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 44.547 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:166 Resp: 859704
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.3 10.5 15.7

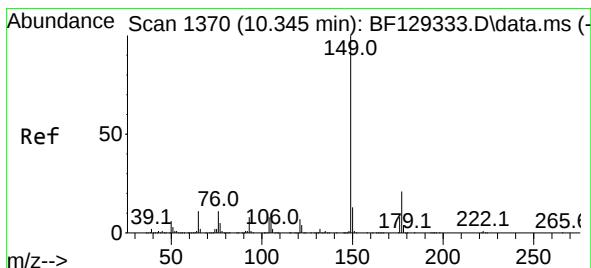
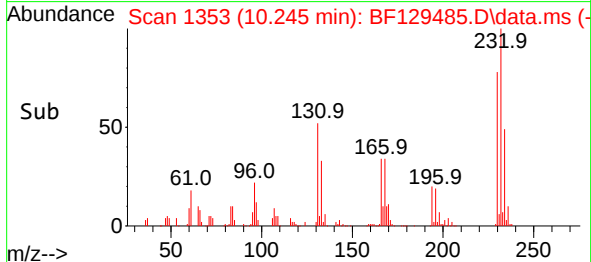
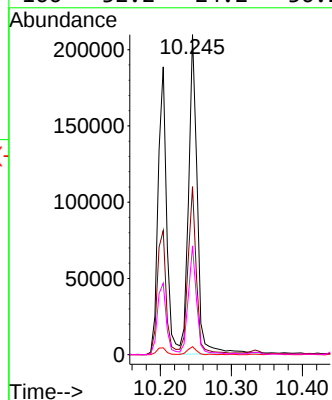
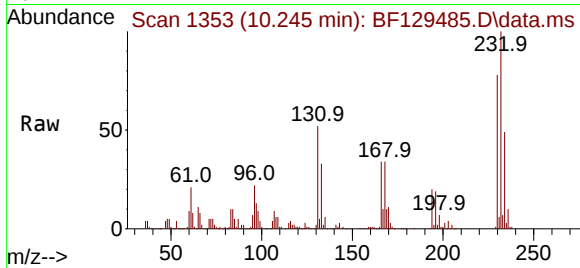




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.012 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

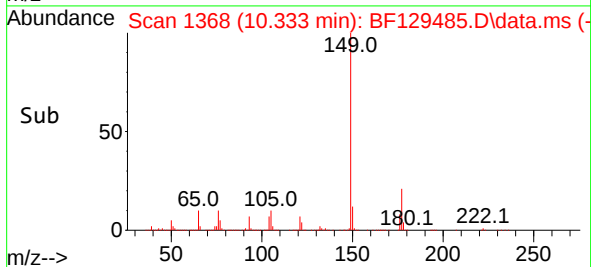
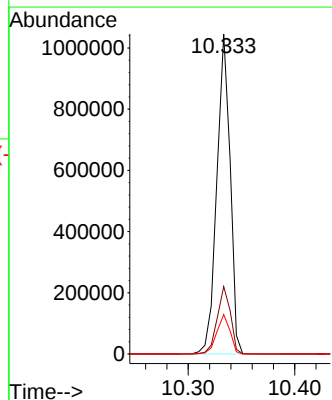
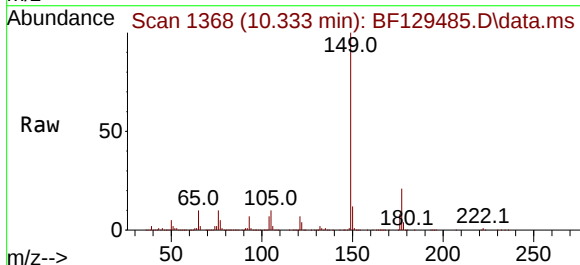
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

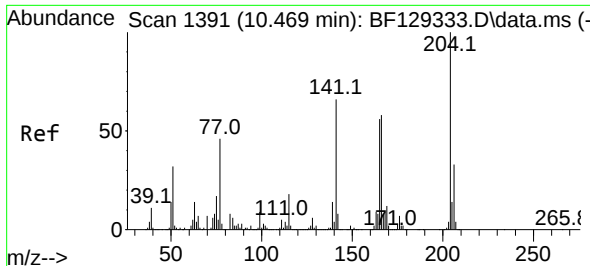
Tgt Ion:232 Resp: 177266
Ion Ratio Lower Upper
232 100
131 49.6 36.1 54.1
130 2.6 1.8 2.8
166 32.2 24.2 36.2



#60
Diethylphthalate
Concen: 45.247 ng
RT: 10.333 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:149 Resp: 902318
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 12.3 10.2 15.2

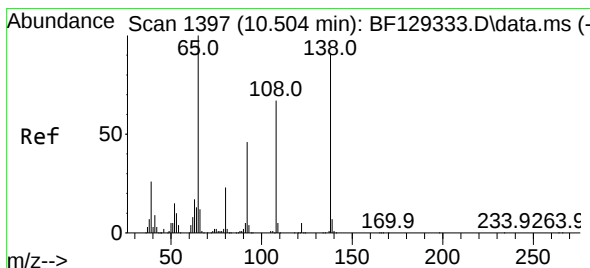
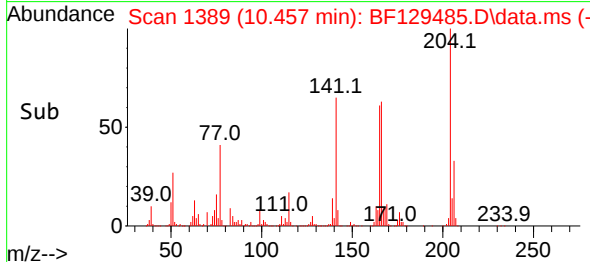
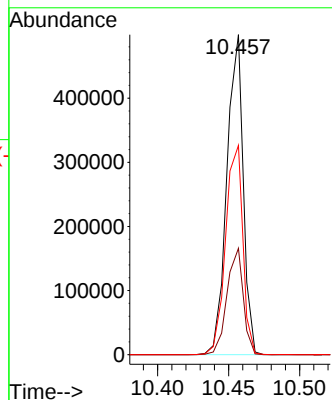
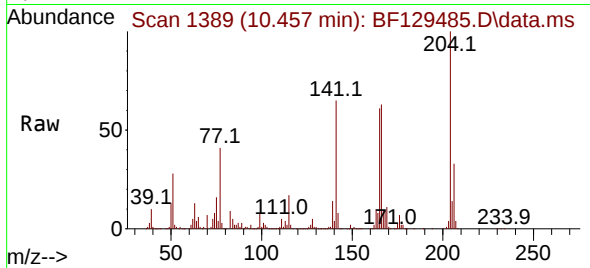




#61
4-Chlorophenyl-phenylether
Concen: 46.857 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

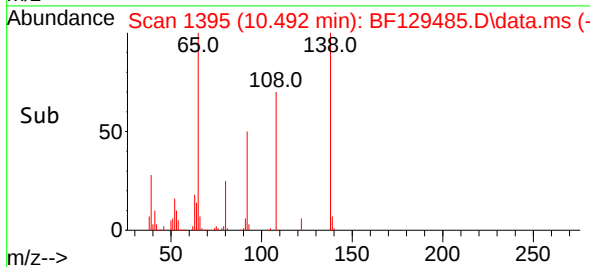
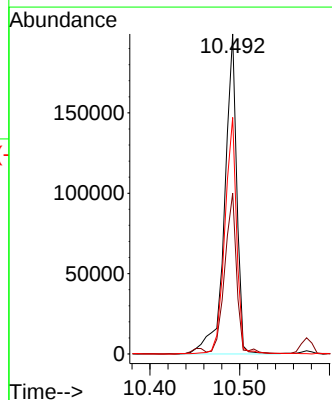
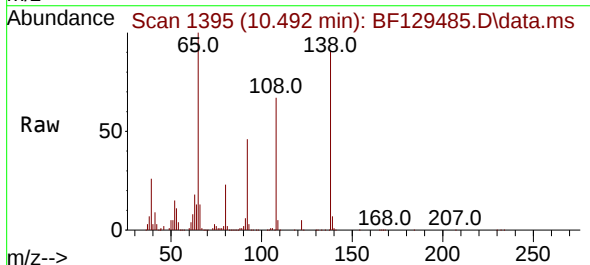
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

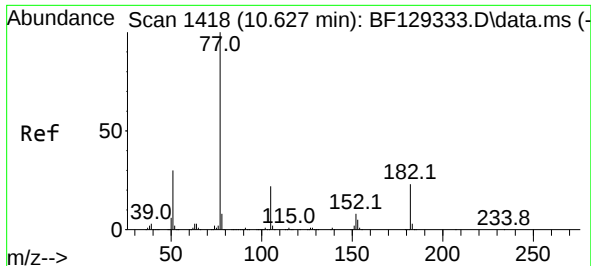
Tgt Ion:204 Resp: 398668
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 65.4 47.0 70.4



#62
4-Nitroaniline
Concen: 34.723 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:138 Resp: 187805
Ion Ratio Lower Upper
138 100
92 50.3 33.5 73.5
108 73.9 61.0 101.0

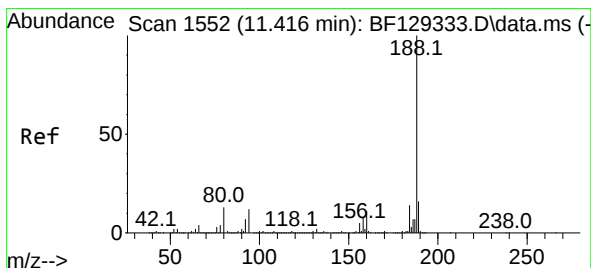
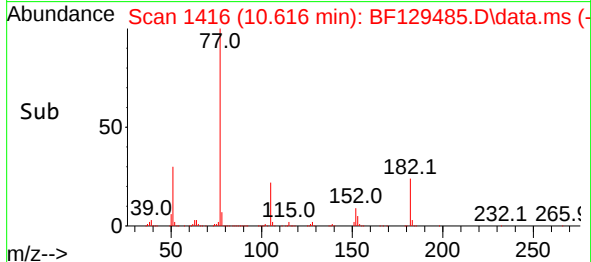
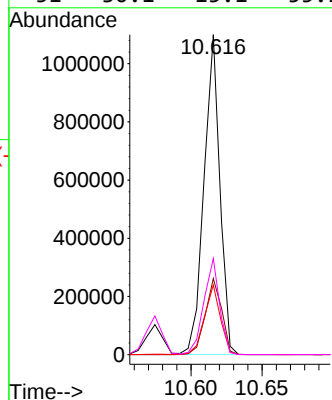
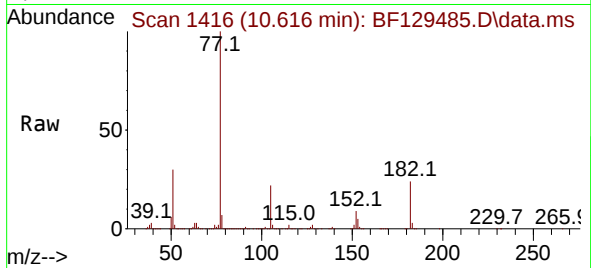




#63
Azobenzene
Concen: 41.983 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

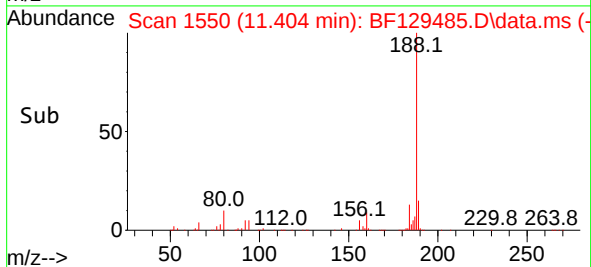
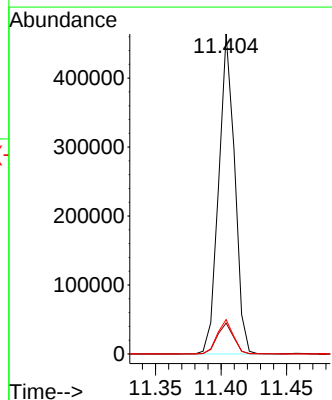
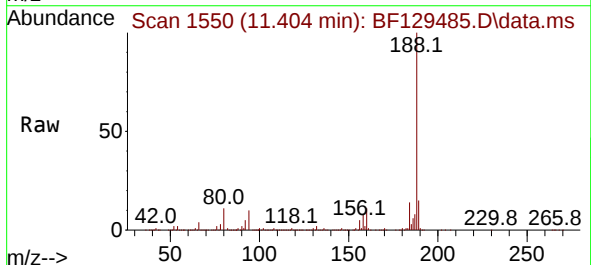
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

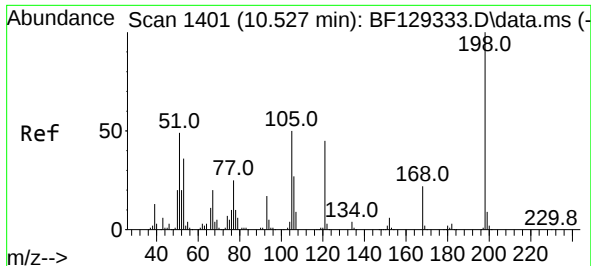
Tgt Ion: 77	Resp: 853932
Ion Ratio	Lower Upper
77 100	
182 23.8	5.6 45.6
105 21.8	1.6 41.6
51 30.1	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:188	Resp: 393587		
Ion Ratio	Lower	Upper	
188 100			
94 9.7	7.0	10.6	
80 10.7	7.6	11.4	

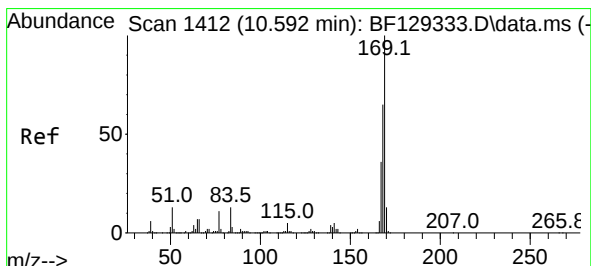
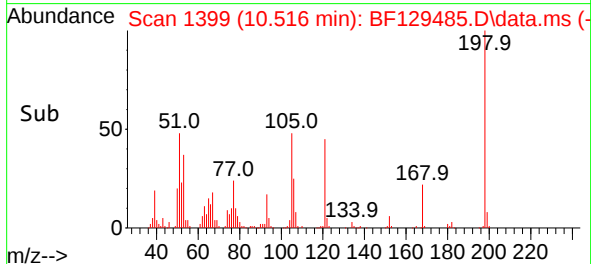
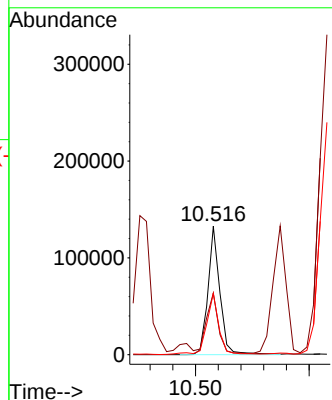
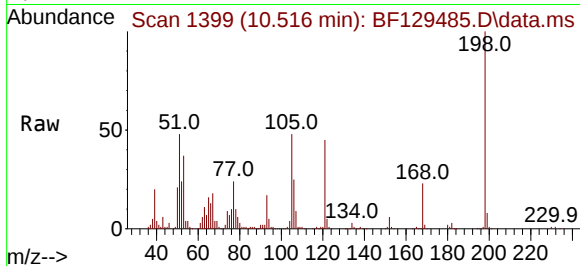




#65
4,6-Dinitro-2-methylphenol
Concen: 38.778 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

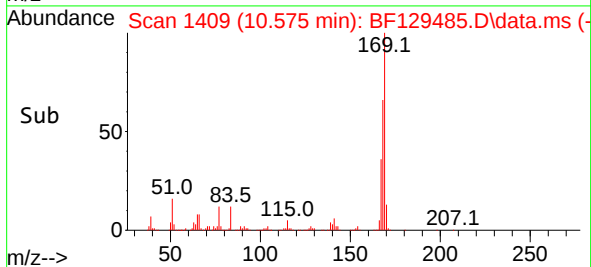
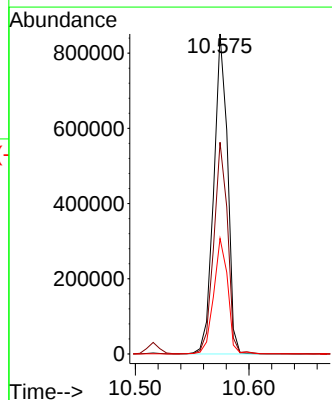
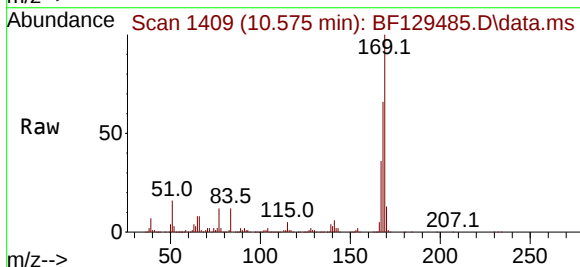
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

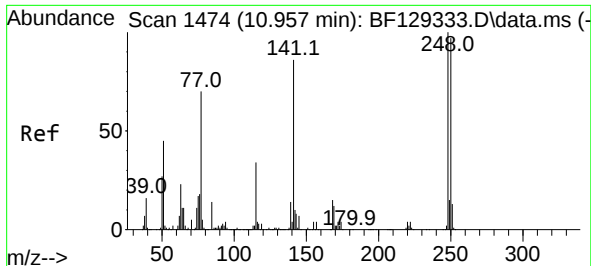
Tgt Ion:198 Resp: 96333
Ion Ratio Lower Upper
198 100
51 47.9 37.6 77.6
105 47.7 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 54.864 ng
RT: 10.575 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:169 Resp: 719124
Ion Ratio Lower Upper
169 100
168 66.2 50.1 75.1
167 36.1 27.9 41.9

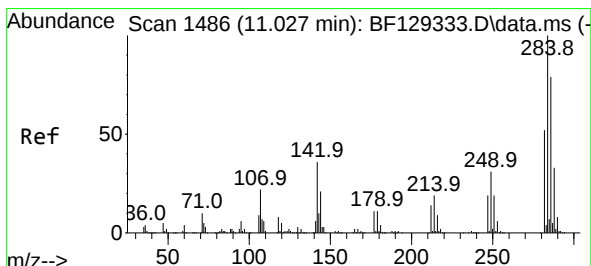
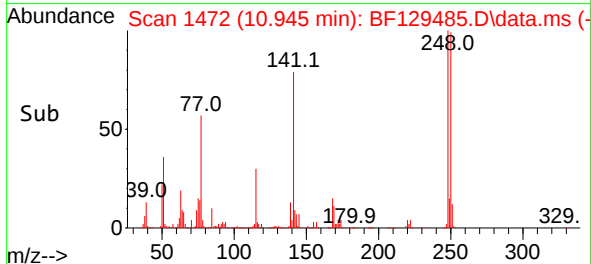
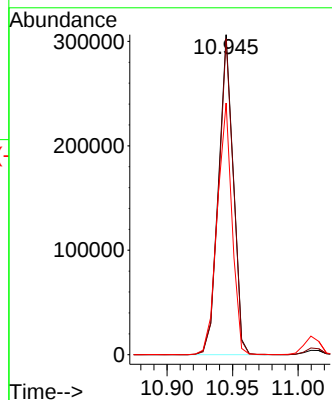
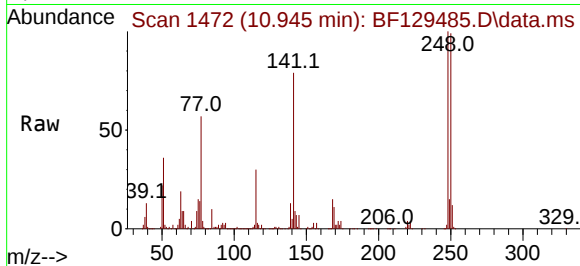




#67
4-Bromophenyl-phenylether
Concen: 55.685 ng
RT: 10.945 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

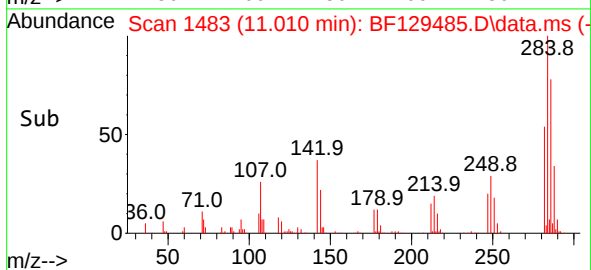
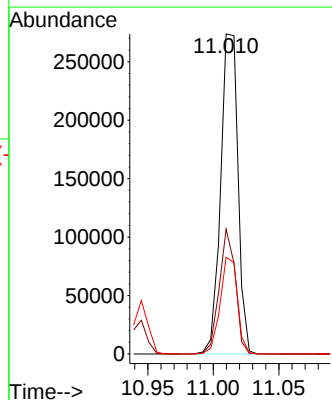
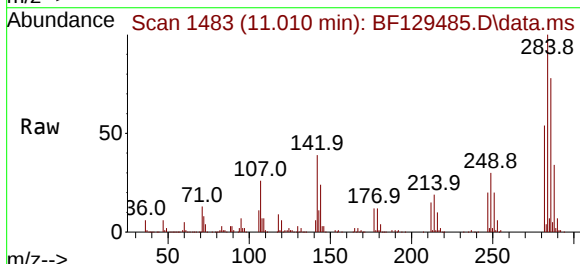
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

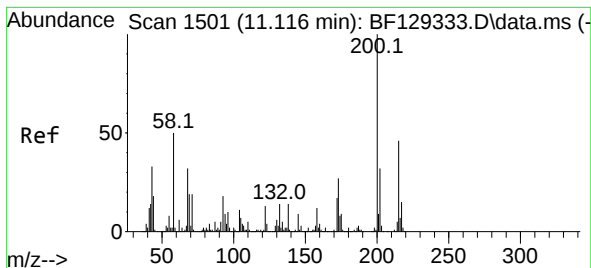
Tgt Ion:248 Resp: 239997
Ion Ratio Lower Upper
248 100
250 98.7 80.6 120.8
141 78.7 58.9 88.3



#68
Hexachlorobenzene
Concen: 53.982 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:284 Resp: 252088
Ion Ratio Lower Upper
284 100
142 39.0 29.0 43.4
249 30.3 25.0 37.6





#69

Atrazine

Concen: 52.401 ng

RT: 11.104 min Scan# 1499

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

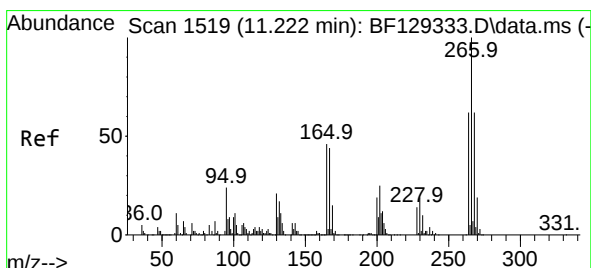
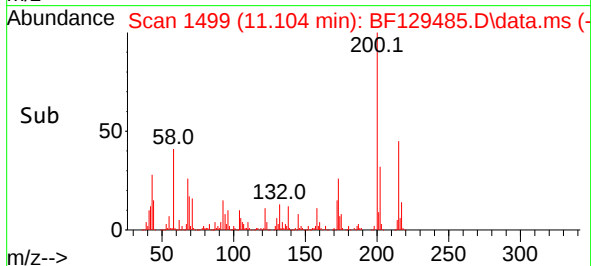
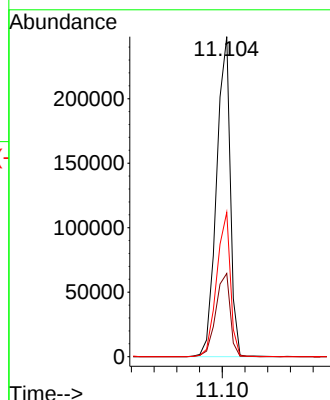
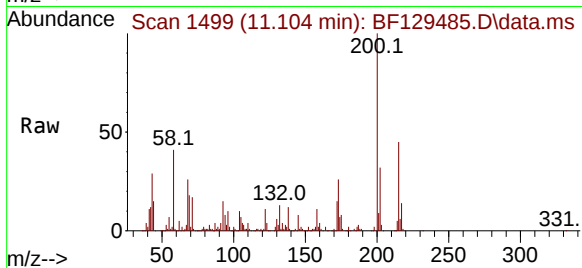
Tgt Ion:200 Resp: 208624

Ion Ratio Lower Upper

200 100

173 26.0 6.3 46.3

215 45.1 28.3 68.3



#70

Pentachlorophenol

Concen: 60.640 ng

RT: 11.216 min Scan# 1518

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

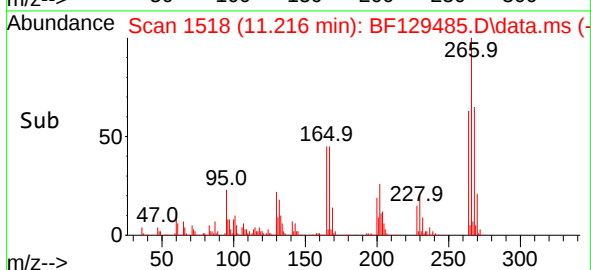
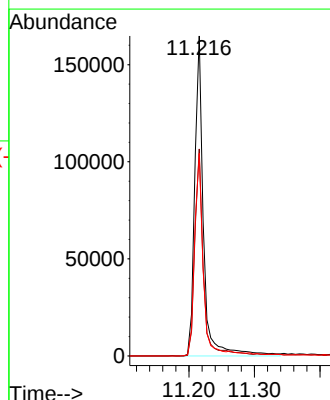
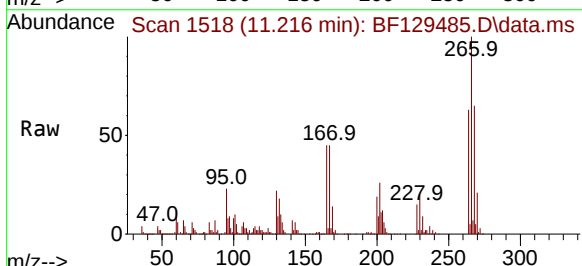
Tgt Ion:266 Resp: 153948

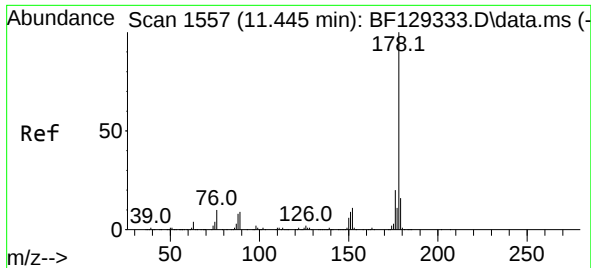
Ion Ratio Lower Upper

266 100

268 64.7 51.0 76.4

264 63.3 49.4 74.2

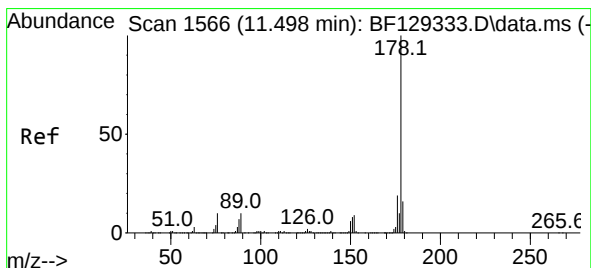
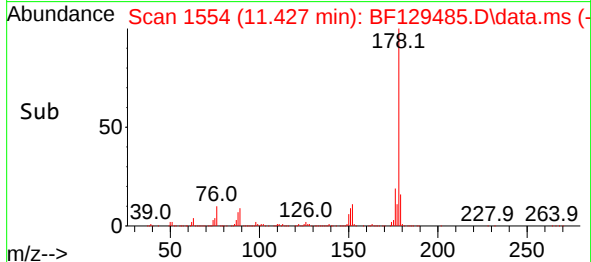
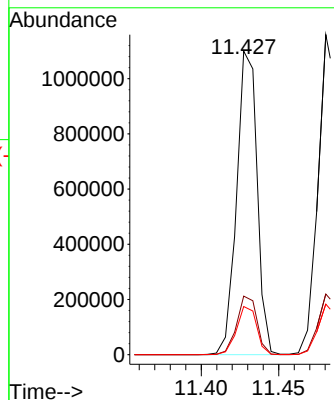
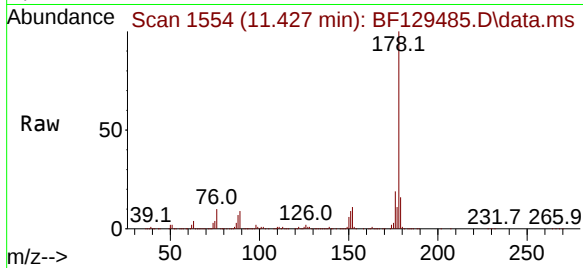




#71
Phenanthrene
Concen: 47.050 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

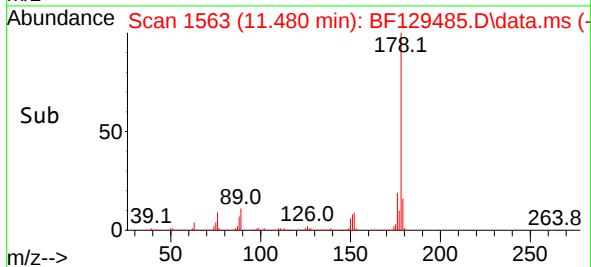
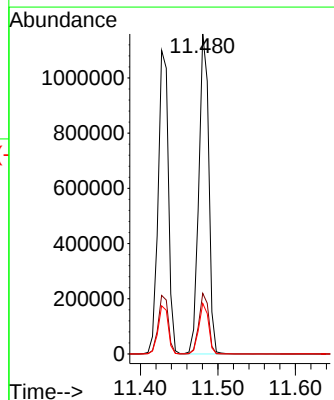
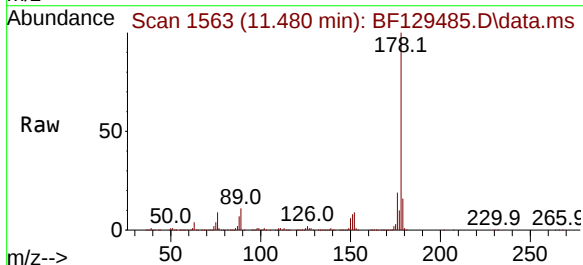
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

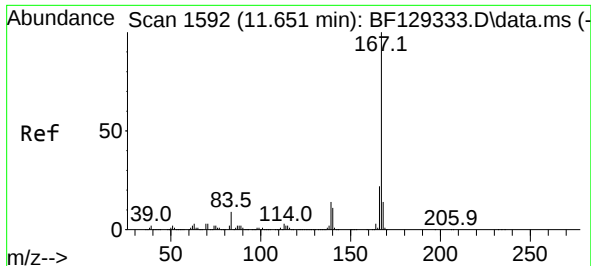
Tgt Ion:178 Resp: 1010864
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.9 12.6 19.0



#72
Anthracene
Concen: 49.003 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:178 Resp: 1034619
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.8 12.6 19.0

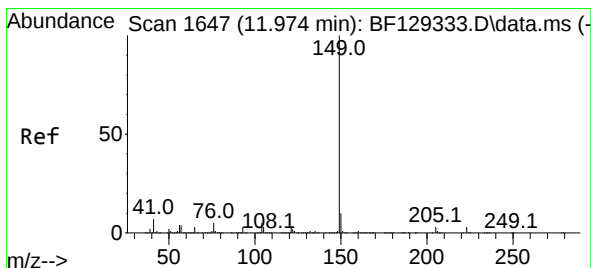
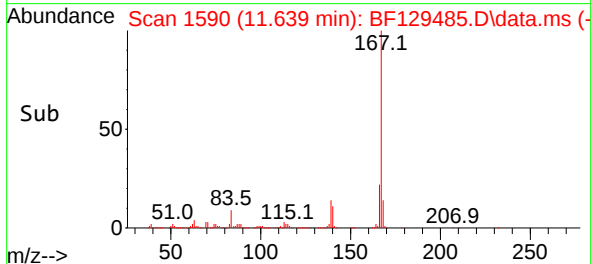
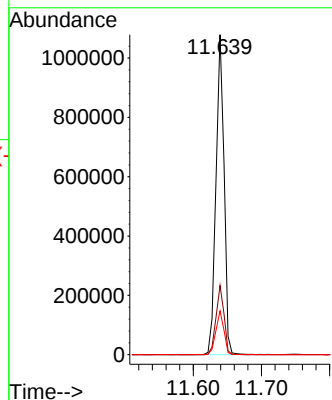
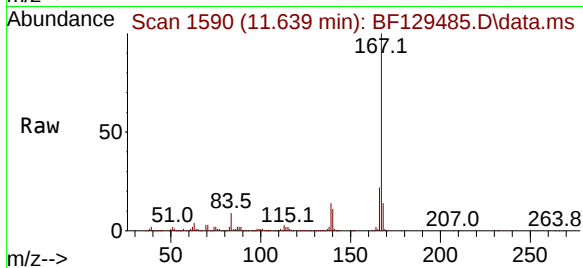




#73
Carbazole
Concen: 44.922 ng
RT: 11.639 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

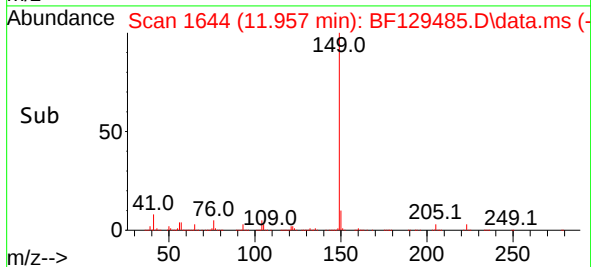
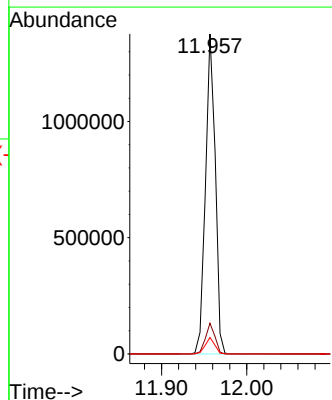
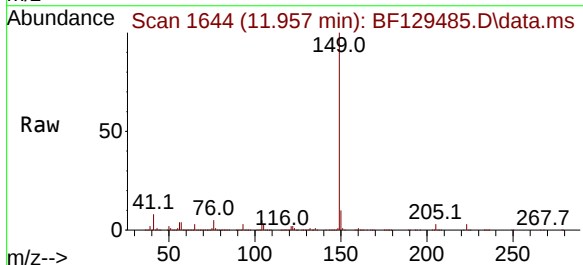
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

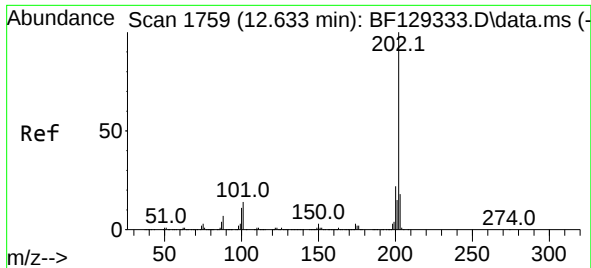
Tgt Ion:167 Resp: 892824
Ion Ratio Lower Upper
167 100
166 21.7 17.7 26.5
139 13.7 11.2 16.8



#74
Di-n-butylphthalate
Concen: 46.210 ng
RT: 11.957 min Scan# 1644
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:149 Resp: 1093740
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 5.2 4.4 6.6

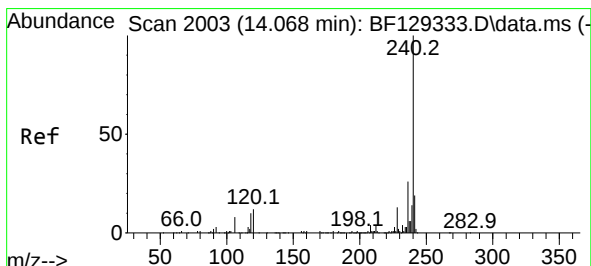
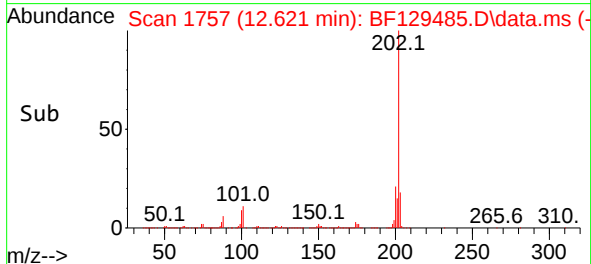
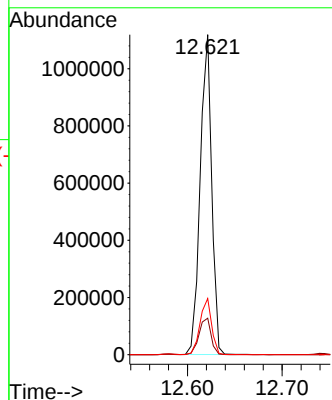
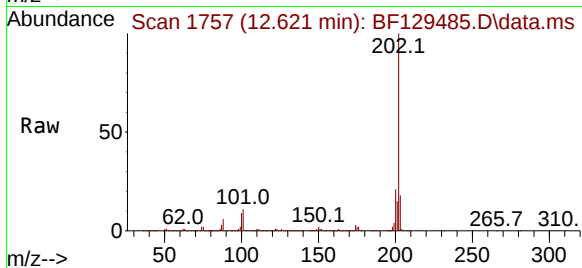




#75
Fluoranthene
Concen: 43.508 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

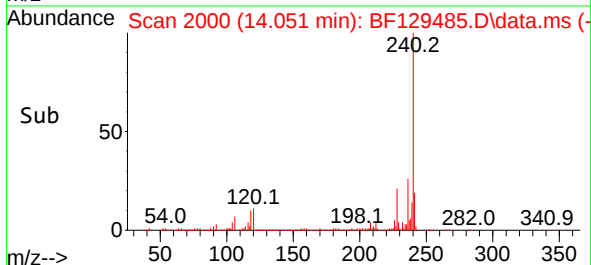
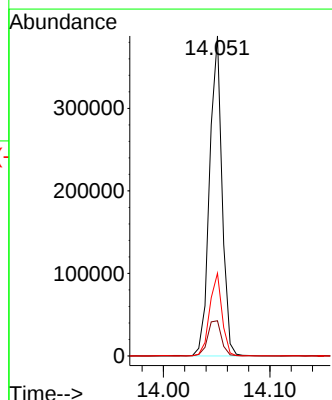
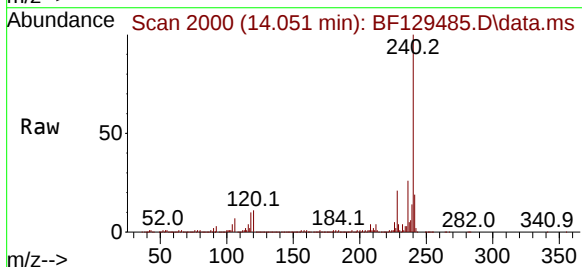
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

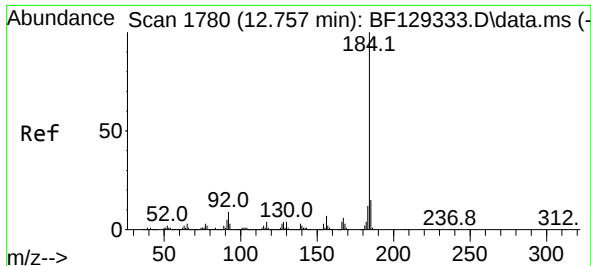
Tgt Ion:202 Resp: 947122
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:240 Resp: 315213
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.8 20.8 31.2

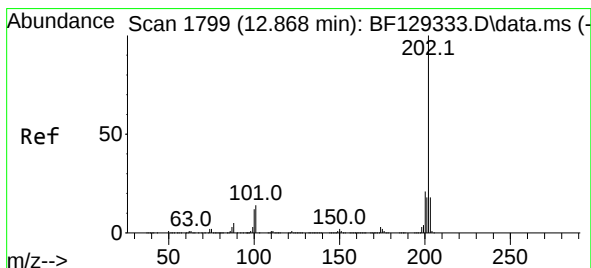
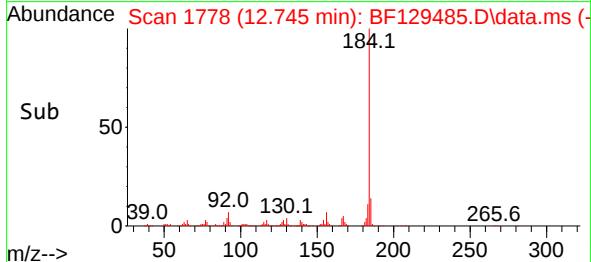
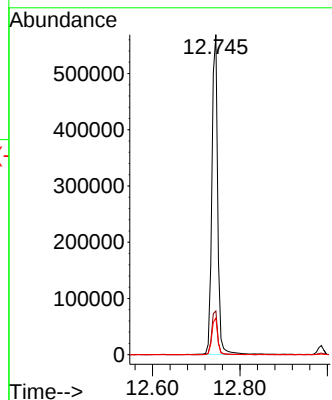
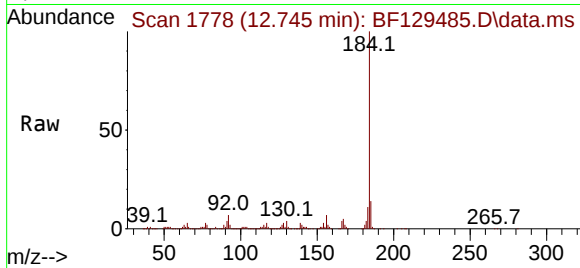




#77
Benzidine
Concen: 47.466 ng
RT: 12.745 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

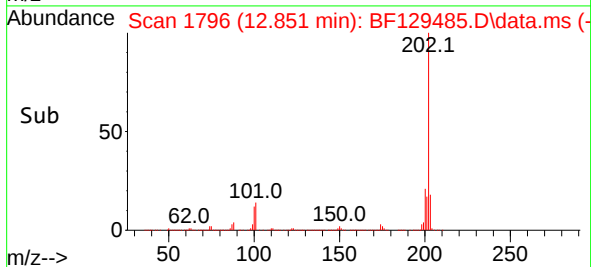
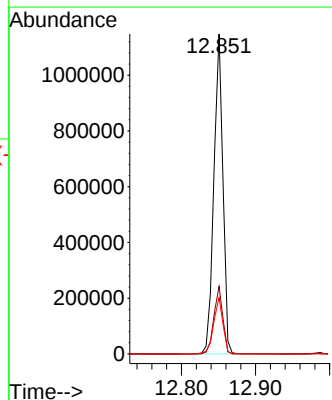
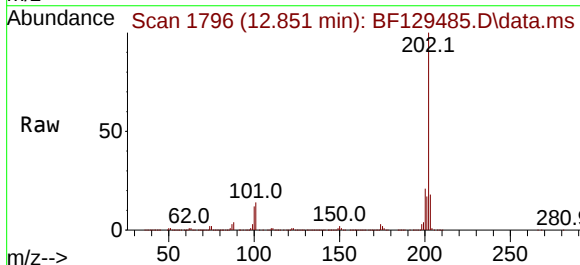
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

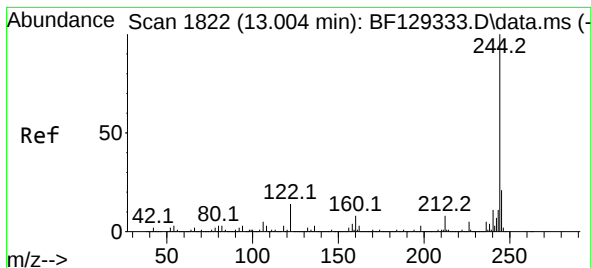
Tgt Ion:184 Resp: 528562
Ion Ratio Lower Upper
184 100
185 13.6 11.9 17.9
183 11.5 9.3 13.9



#78
Pyrene
Concen: 36.777 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:202 Resp: 969417
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.6 14.6 21.8





#79

Terphenyl-d14

Concen: 59.294 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

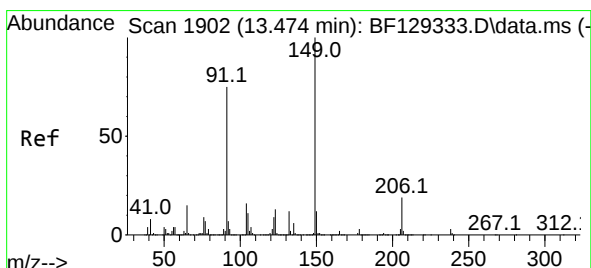
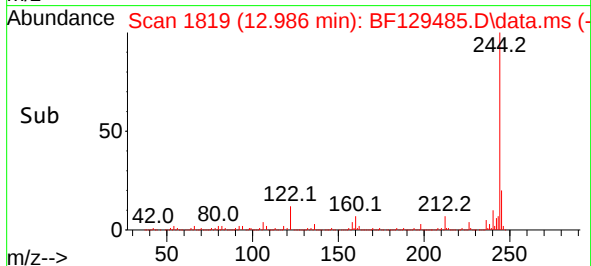
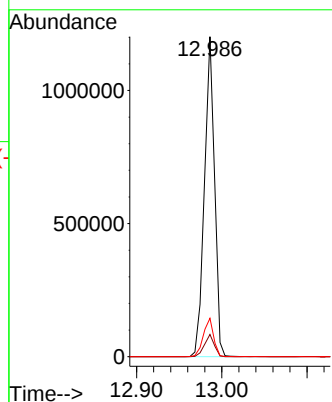
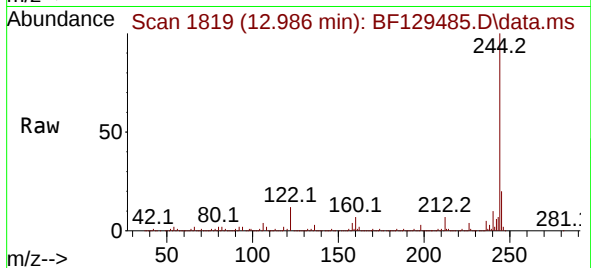
Tgt Ion:244 Resp: 990696

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 12.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 37.860 ng

RT: 13.457 min Scan# 1899

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

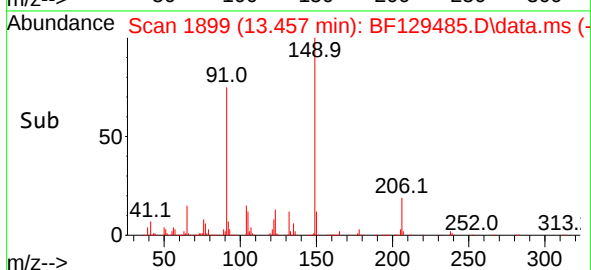
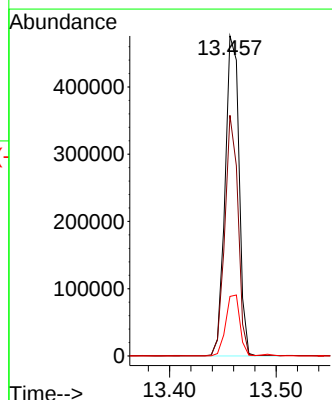
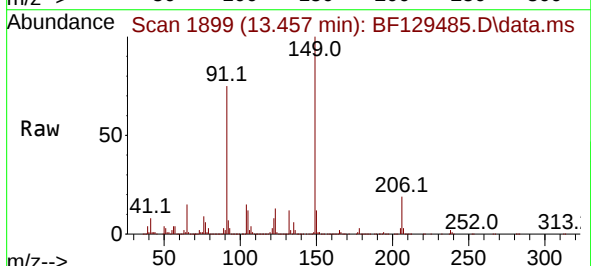
Tgt Ion:149 Resp: 432855

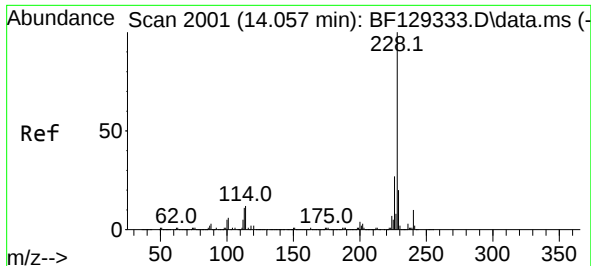
Ion Ratio Lower Upper

149 100

91 75.2 61.2 91.8

206 18.6 15.7 23.5

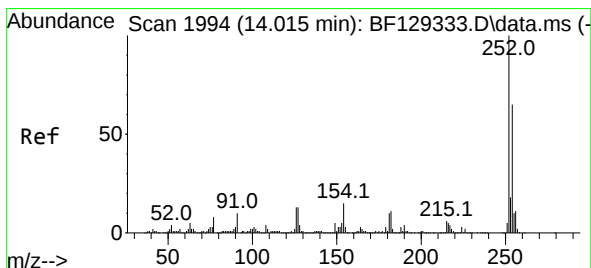
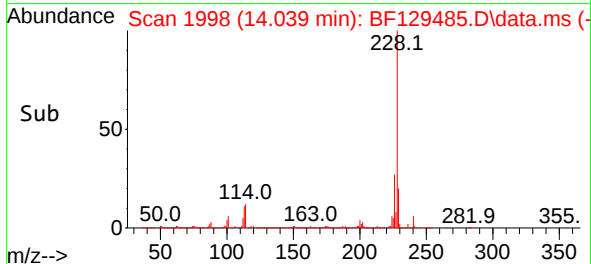
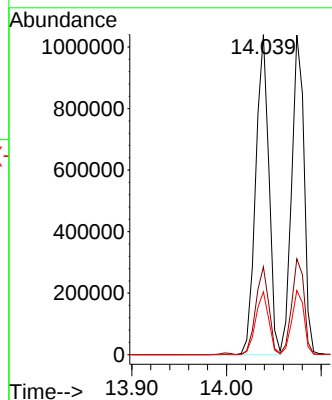
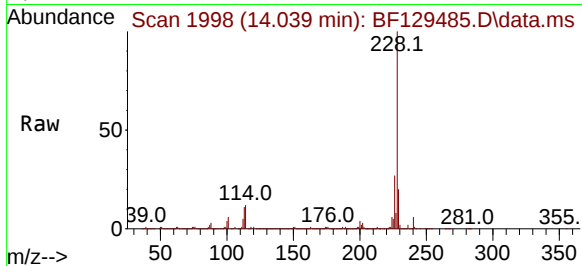




#81
Benzo(a)anthracene
Concen: 46.738 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

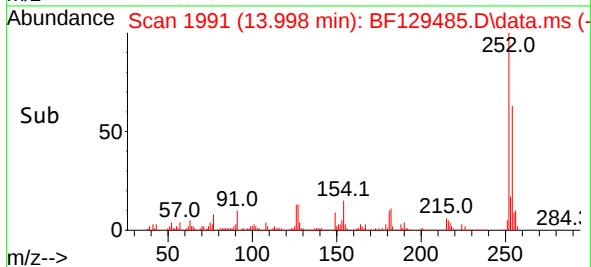
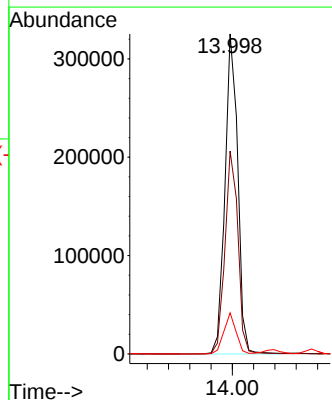
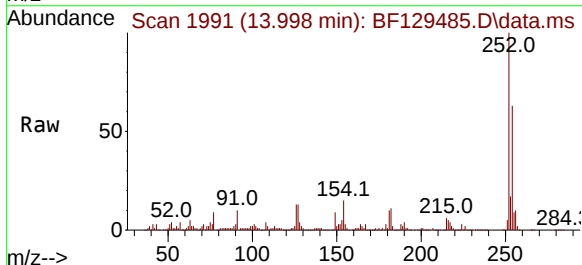
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

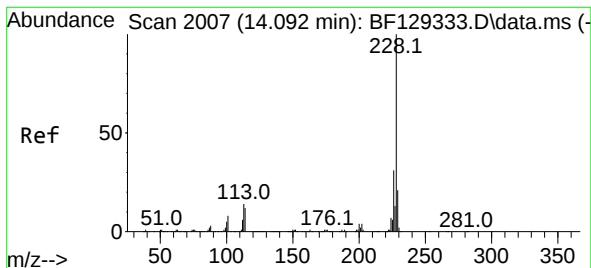
Tgt Ion:228 Resp: 1006359
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 38.061 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:252 Resp: 270582
Ion Ratio Lower Upper
252 100
254 63.4 50.2 75.4
126 12.9 8.2 12.4#





#83

Chrysene

Concen: 46.275 ng

RT: 14.074 min Scan# 2007

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

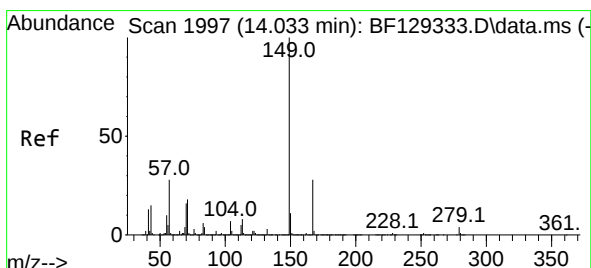
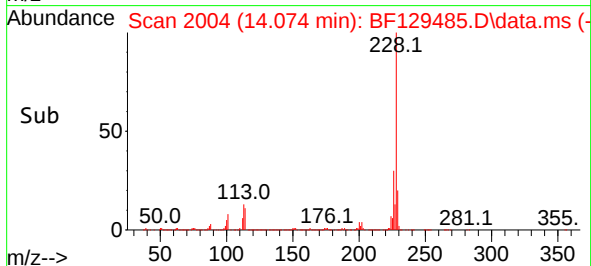
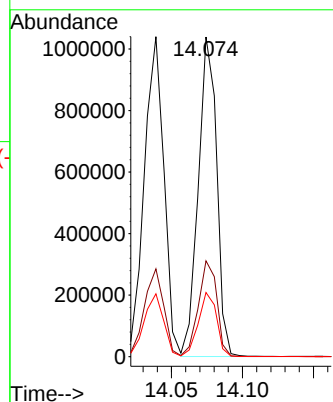
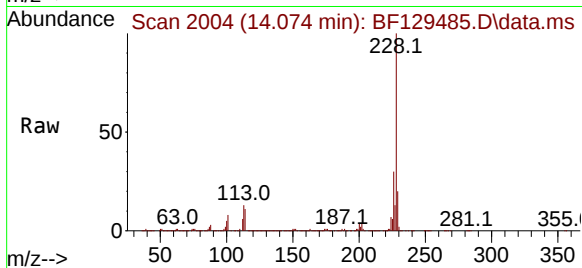
Tgt Ion:228 Resp: 939061

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.021 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

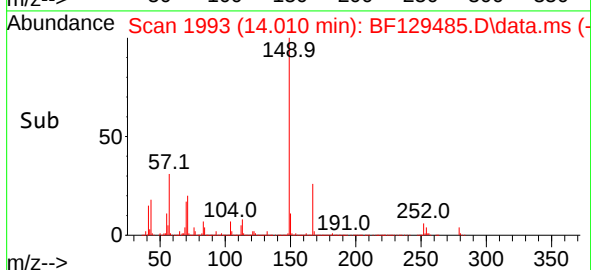
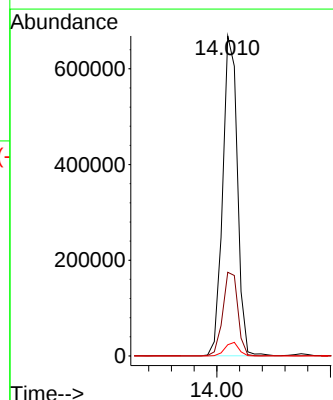
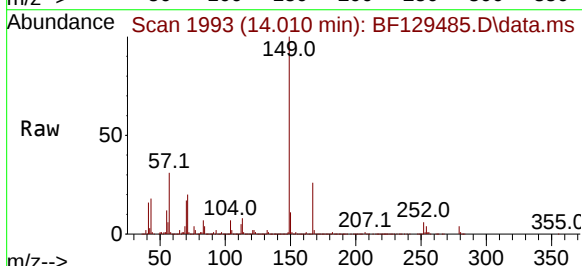
Tgt Ion:149 Resp: 602395

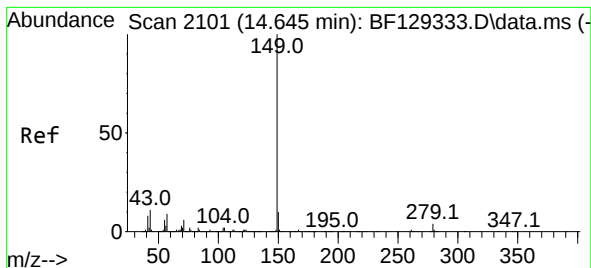
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

279 3.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 52.905 ng

RT: 14.627 min Scan# 2098

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

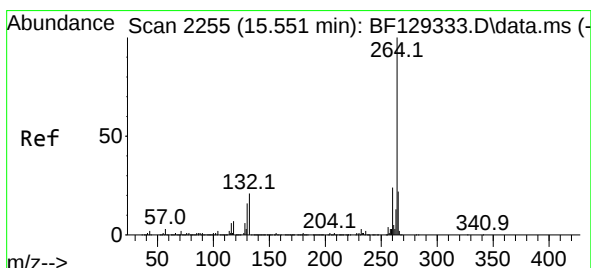
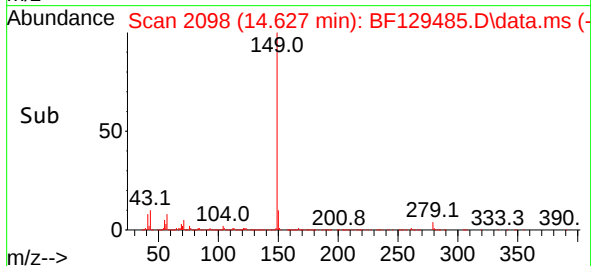
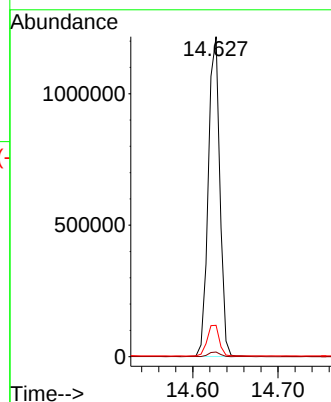
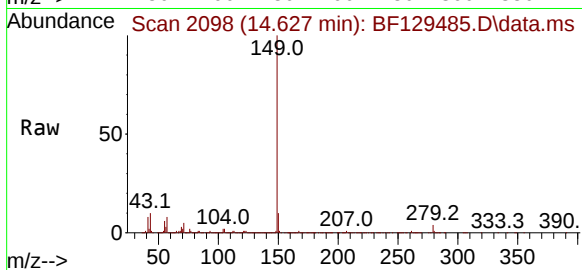
Tgt Ion:149 Resp: 1145941

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.1 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: BF129485.D

Acq: 01 Aug 2022 21:31

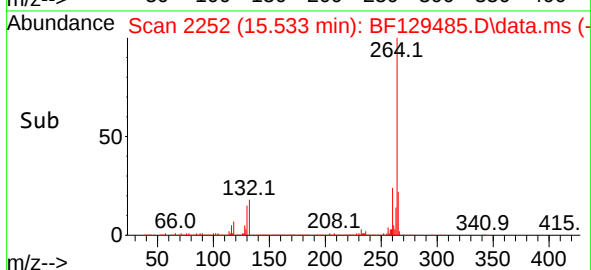
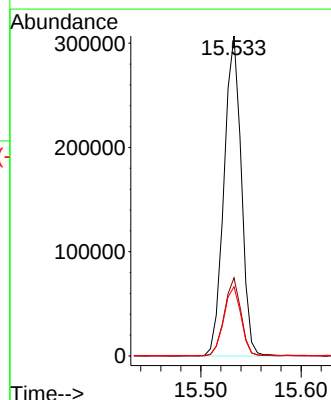
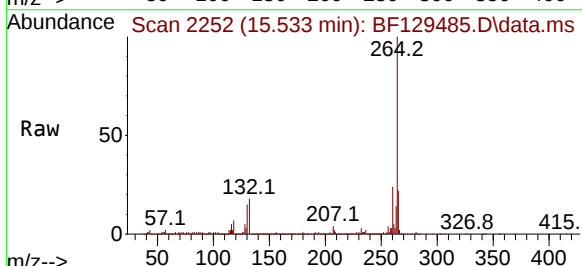
Tgt Ion:264 Resp: 366711

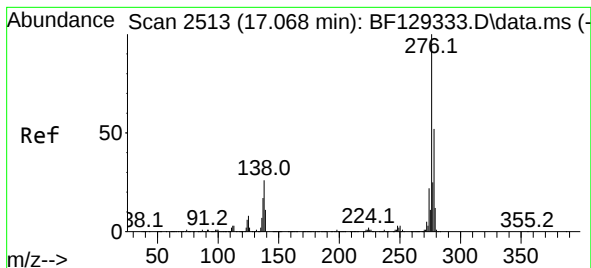
Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 21.7 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.718 ng

RT: 17.039 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

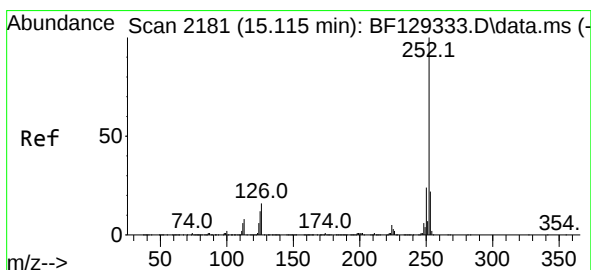
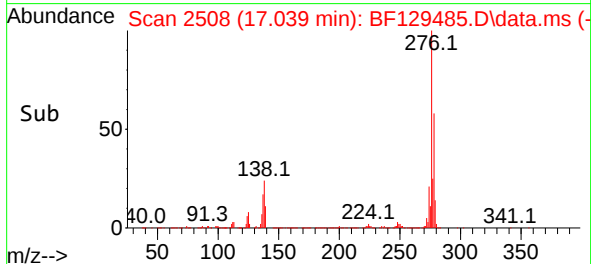
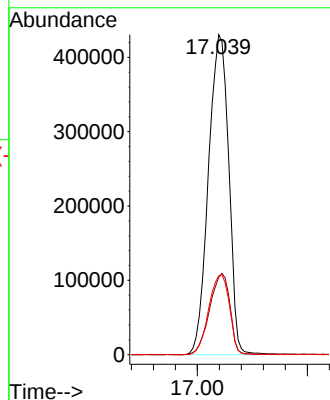
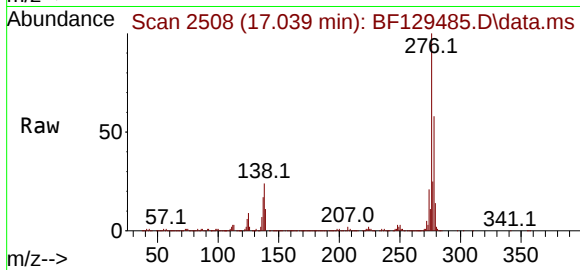
Tgt Ion:276 Resp: 1104303

Ion Ratio Lower Upper

276 100

138 25.4 21.1 31.7

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.033 ng

RT: 15.098 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

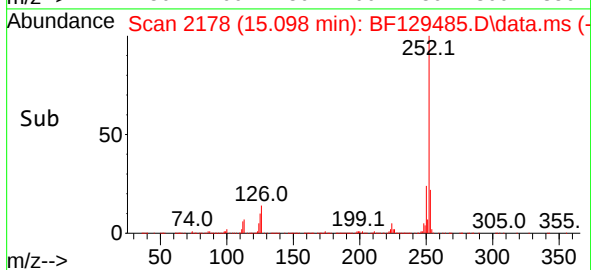
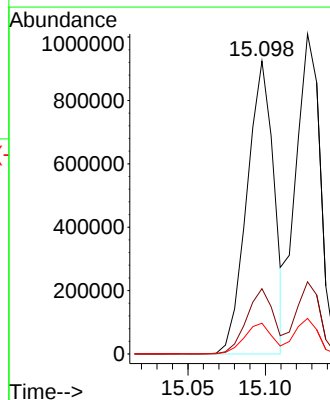
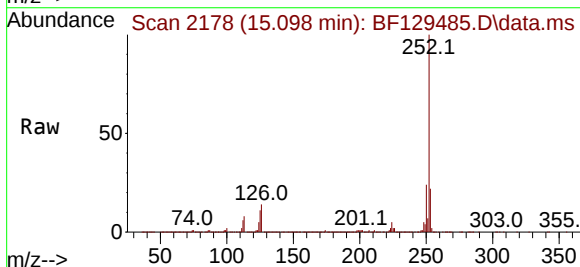
Tgt Ion:252 Resp: 1119750

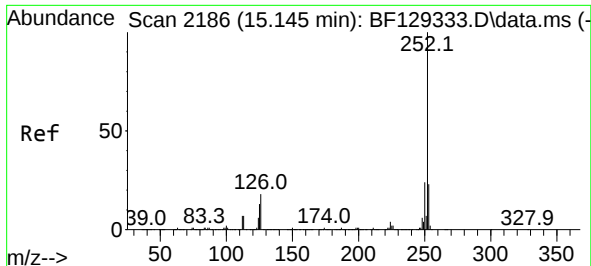
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.204 ng

RT: 15.127 min Scan# 2186

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

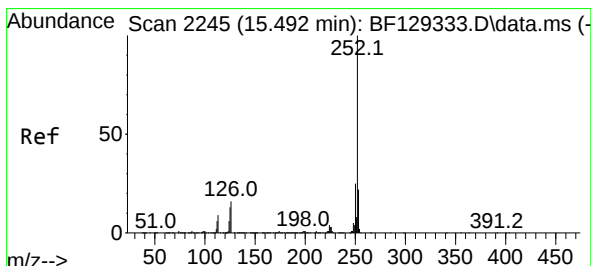
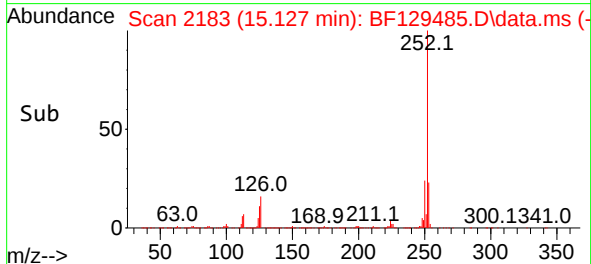
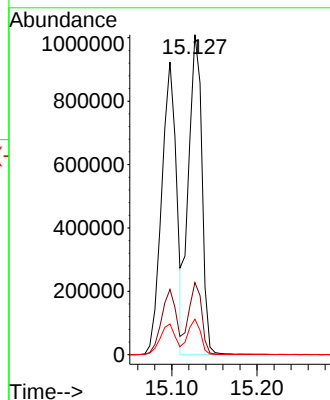
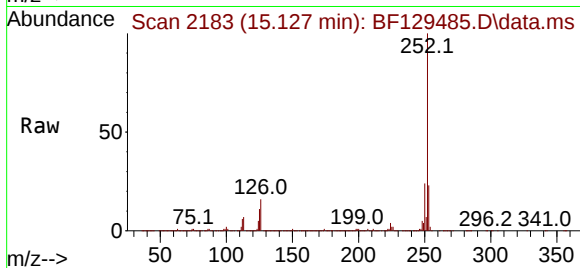
Tgt Ion:252 Resp: 1101408

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 11.1 8.3 12.5



#90

Benzo(a)pyrene

Concen: 50.564 ng

RT: 15.474 min Scan# 2242

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

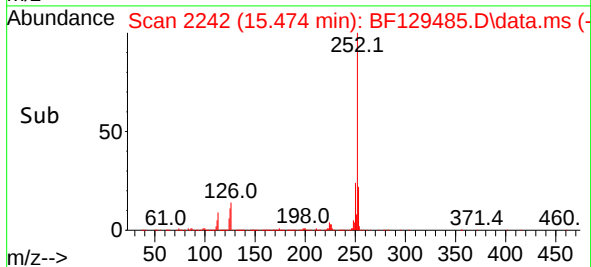
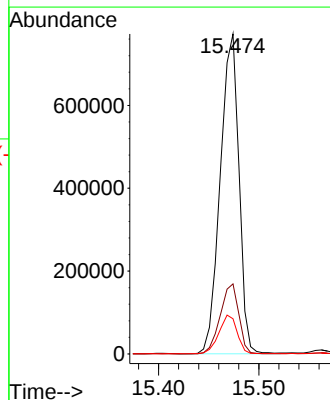
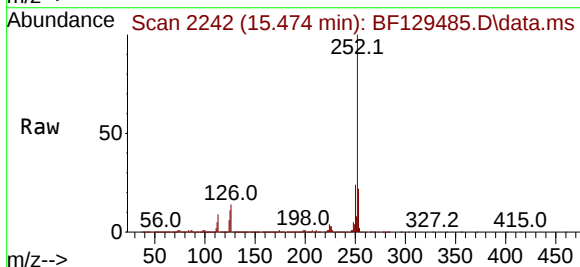
Tgt Ion:252 Resp: 998466

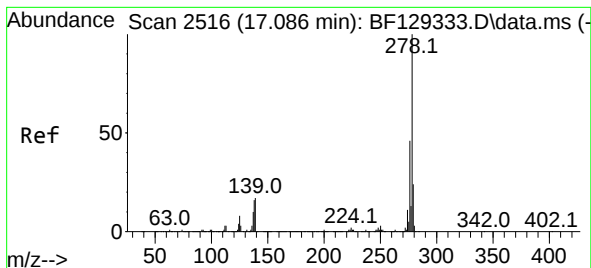
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 11.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 47.434 ng

RT: 17.056 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

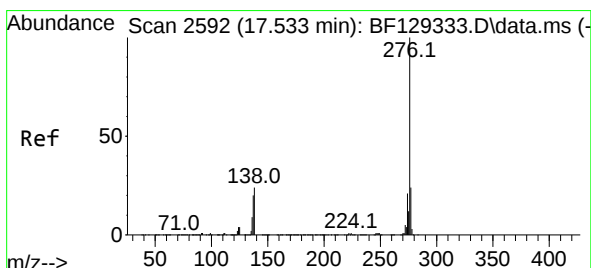
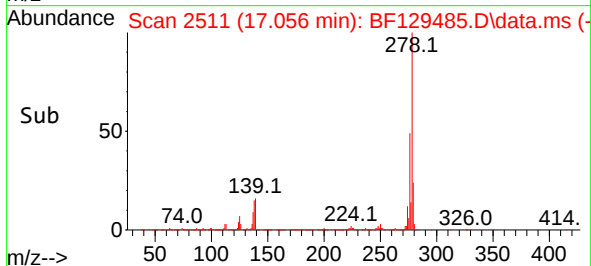
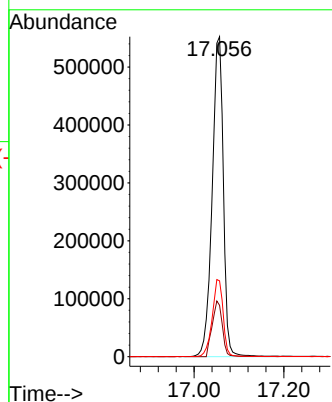
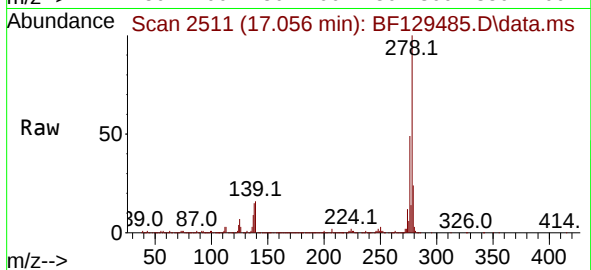
Tgt Ion:278 Resp: 953382

Ion Ratio Lower Upper

278 100

139 16.0 12.8 19.2

279 23.7 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 44.240 ng

RT: 17.498 min Scan# 2586

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Tgt Ion:276 Resp: 908609

Ion Ratio Lower Upper

276 100

277 24.8 19.1 28.7

138 22.7 18.0 27.0

