

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129414.D
 Acq On : 28 Jul 2022 18:05
 Operator : CG\JU
 Sample : N3920-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-07-27-2022MSD

Quant Time: Jul 29 02:08:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	211249	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	856008	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	456824	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	771501	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	435298	20.000	ng	0.00
86) Perylene-d12	15.551	264	398350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1380729	106.472	ng	0.02
7) Phenol-d6	6.528	99	1807775	110.906	ng	0.01
23) Nitrobenzene-d5	7.451	82	1166885	74.414	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	499745	113.785	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2121551	71.842	ng	0.00
79) Terphenyl-d14	13.004	244	2147395	93.068	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	231884	39.632	ng	90
3) Pyridine	3.528	79	605263	37.250	ng	91
4) n-Nitrosodimethylamine	3.481	42	321069	44.999	ng	# 96
6) Aniline	6.551	93	801433	39.550	ng	99
8) 2-Chlorophenol	6.675	128	656791	46.358	ng	96
9) Benzaldehyde	6.440	77	315475	28.500	ng	98
10) Phenol	6.540	94	793709	45.726	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	623350	45.282	ng	93
12) 1,3-Dichlorobenzene	6.828	146	667757	43.946	ng	97
13) 1,4-Dichlorobenzene	6.904	146	678551	43.909	ng	98
14) 1,2-Dichlorobenzene	7.051	146	649753	45.743	ng	97
15) Benzyl Alcohol	7.034	79	560484	47.411	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	895448	43.274	ng	89
17) 2-Methylphenol	7.145	107	521224	44.346	ng	95
18) Hexachloroethane	7.392	117	264680	45.487	ng	# 88
19) n-Nitroso-di-n-propyla...	7.298	70	438958	44.483	ng	94
20) 3+4-Methylphenols	7.292	107	622111	41.629	ng	# 80
22) Acetophenone	7.298	105	855428	42.923	ng	# 94
24) Nitrobenzene	7.469	77	680247	42.126	ng	98
25) Isophorone	7.710	82	1263079	44.936	ng	98
26) 2-Nitrophenol	7.787	139	351432	44.116	ng	94
27) 2,4-Dimethylphenol	7.822	122	568930	47.612	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	779652	47.815	ng	99
29) 2,4-Dichlorophenol	8.028	162	536124	43.469	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	536768	42.047	ng	98
31) Naphthalene	8.192	128	1825735	41.980	ng	99
32) Benzoic acid	7.945	122	229627	26.582	ng	93
33) 4-Chloroaniline	8.239	127	592231	33.168	ng	99
34) Hexachlorobutadiene	8.298	225	323151	44.532	ng	98
35) Caprolactam	8.628	113	99644	24.850	ng	# 83
36) 4-Chloro-3-methylphenol	8.728	107	586646	44.847	ng	95
37) 2-Methylnaphthalene	8.881	142	1219957	43.165	ng	99
38) 1-Methylnaphthalene	8.981	142	1156008	42.371	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	523591	43.650	ng	98
41) Hexachlorocyclopentadiene	9.034	237	562856	105.377	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	368581	42.306	ng	96

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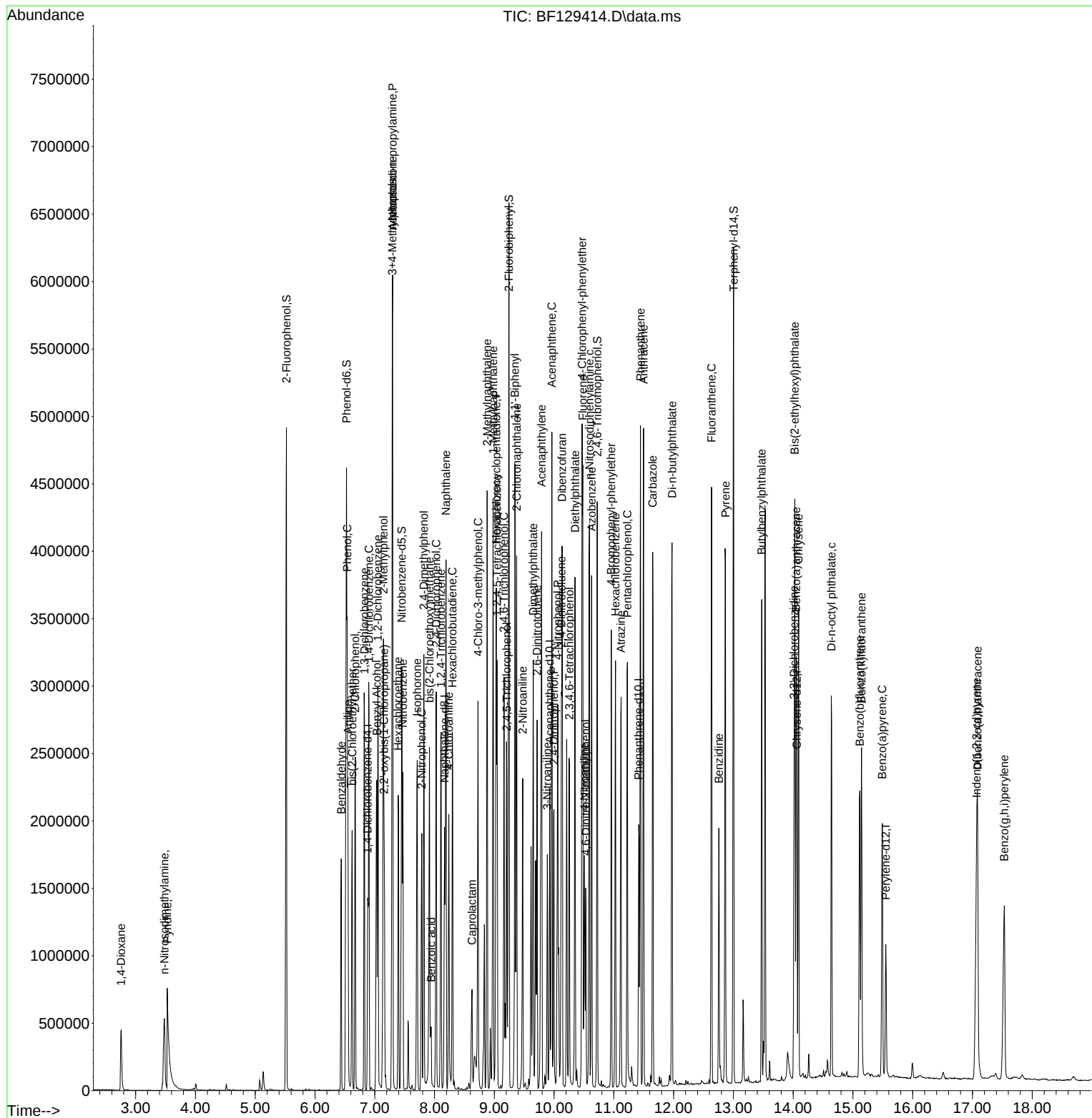
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	396325	41.831	ng	97
46) 1,1'-Biphenyl	9.345	154	1451135	43.527	ng	99
47) 2-Chloronaphthalene	9.375	162	1154470	42.835	ng	99
48) 2-Nitroaniline	9.475	65	379209	42.313	ng	92
49) Acenaphthylene	9.792	152	1735025	42.367	ng	100
50) Dimethylphthalate	9.651	163	1375138	43.605	ng	99
51) 2,6-Dinitrotoluene	9.716	165	304215	43.100	ng	96
52) Acenaphthene	9.963	154	1045997	39.106	ng	98
53) 3-Nitroaniline	9.886	138	263816	31.652	ng #	97
54) 2,4-Dinitrophenol	9.998	184	279601	77.596	ng #	87
55) Dibenzofuran	10.133	168	1582987	42.932	ng	96
56) 4-Nitrophenol	10.063	139	470932	76.587	ng	97
57) 2,4-Dinitrotoluene	10.122	165	401371	43.529	ng	100
58) Fluorene	10.480	166	1249426	42.350	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	301469	41.175	ng	92
60) Diethylphthalate	10.351	149	1329672	43.617	ng	99
61) 4-Chlorophenyl-phenylether	10.469	204	572286	44.000	ng	92
62) 4-Nitroaniline	10.510	138	326729	39.516	ng	95
63) Azobenzene	10.628	77	1310075	42.133	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	192451	39.522	ng	88
66) n-Nitrosodiphenylamine	10.592	169	1102042	42.893	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	382227	45.244	ng	91
68) Hexachlorobenzene	11.028	284	411204	44.922	ng	97
69) Atrazine	11.122	200	371875	47.652	ng	97
70) Pentachlorophenol	11.227	266	375601	75.478	ng	99
71) Phenanthrene	11.445	178	1748264	41.512	ng	99
72) Anthracene	11.498	178	1775268	42.895	ng	100
73) Carbazole	11.651	167	1641769	42.141	ng	100
74) Di-n-butylphthalate	11.975	149	2079066	44.812	ng	99
75) Fluoranthene	12.633	202	1744201	40.875	ng	98
77) Benzidine	12.757	184	737259	47.942	ng	99
78) Pyrene	12.869	202	1739967	47.800	ng	98
80) Butylbenzylphthalate	13.474	149	780435	49.430	ng	97
81) Benzo(a)anthracene	14.051	228	1232381	41.445	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	397391	40.477	ng	97
83) Chrysene	14.092	228	1153038	41.144	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1031592	49.628	ng	99
85) Di-n-octyl phthalate	14.639	149	1448210	48.415	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1268473	47.286	ng	99
88) Benzo(b)fluoranthene	15.115	252	1109072	41.972	ng	99
89) Benzo(k)fluoranthene	15.145	252	1059294	40.908	ng	99
90) Benzo(a)pyrene	15.492	252	973559	45.387	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	1096077	50.202	ng	100
92) Benzo(g,h,i)perylene	17.533	276	1122252	50.303	ng	99

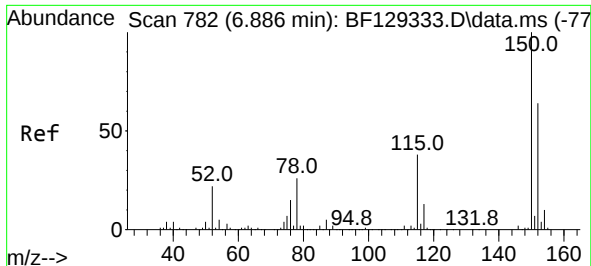
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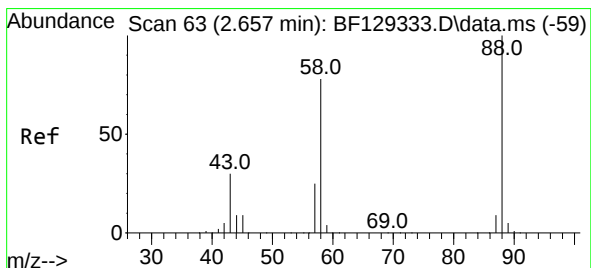
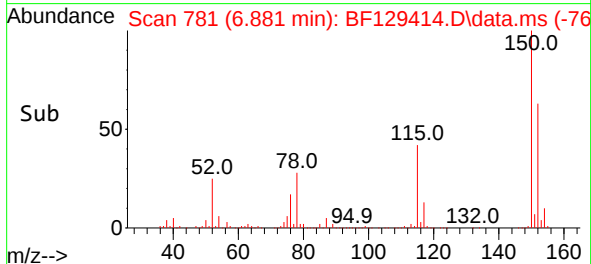
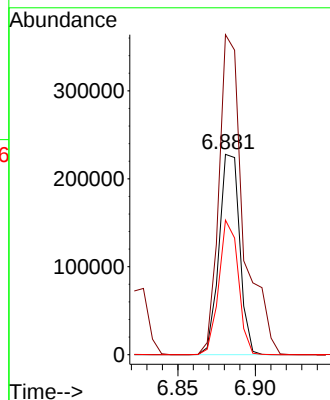
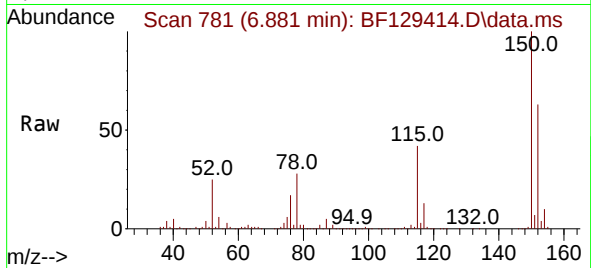




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129414.D
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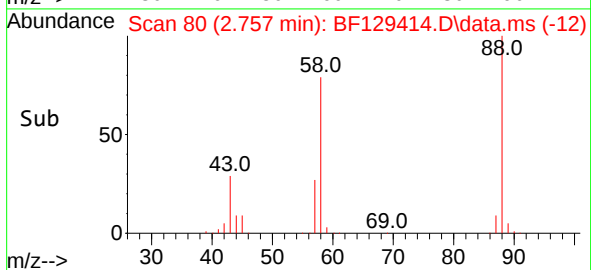
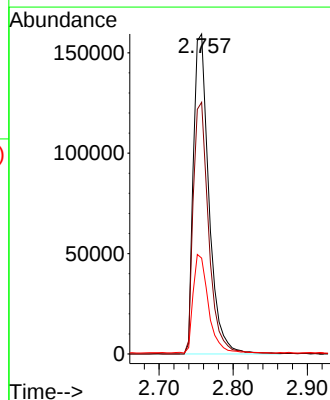
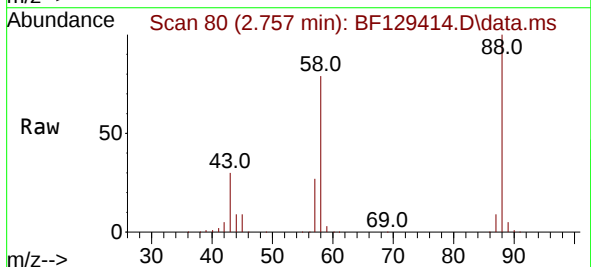
Instrument :
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 ClientSampleId :
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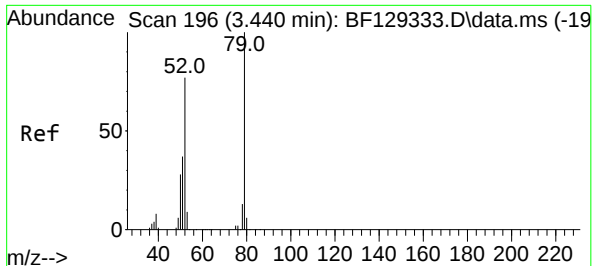
Tgt Ion:152 Resp: 211249
 Ion Ratio Lower Upper
 152 100
 150 159.7 123.7 185.5
 115 67.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 39.632 ng
 RT: 2.757 min Scan# 80
 Delta R.T. 0.100 min
 Lab File: BF129414.D
 Acq: 28 Jul 2022 18:05

Tgt Ion: 88 Resp: 231884
 Ion Ratio Lower Upper
 88 100
 58 78.4 71.8 107.8
 43 30.5 26.6 39.8

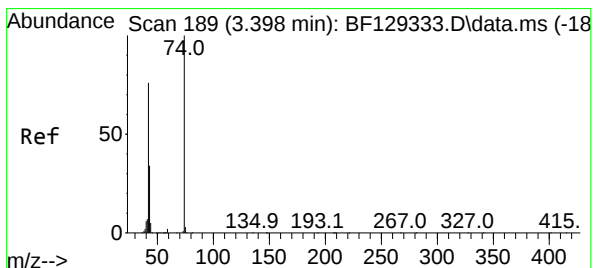
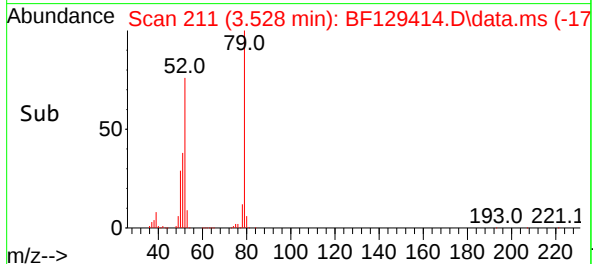
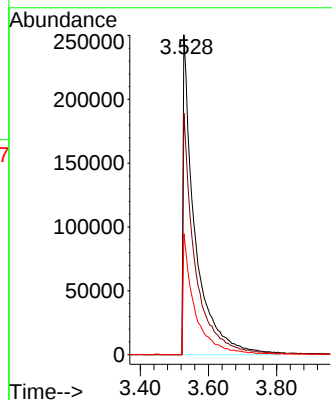
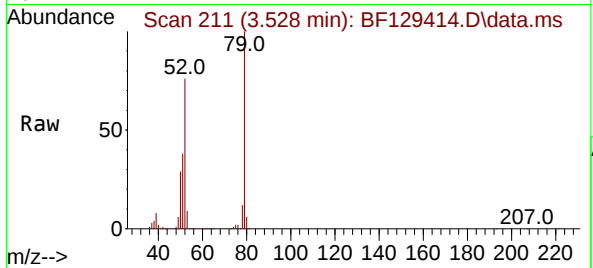




#3
Pyridine
Concen: 37.250 ng
RT: 3.528 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

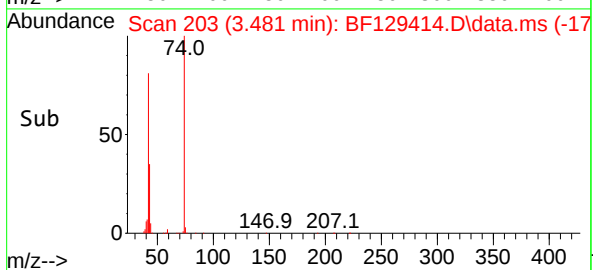
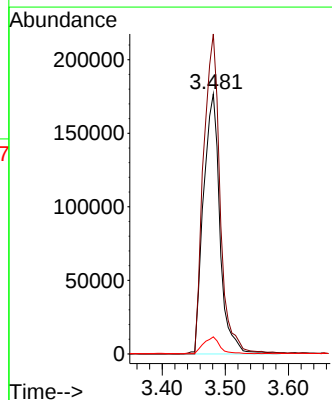
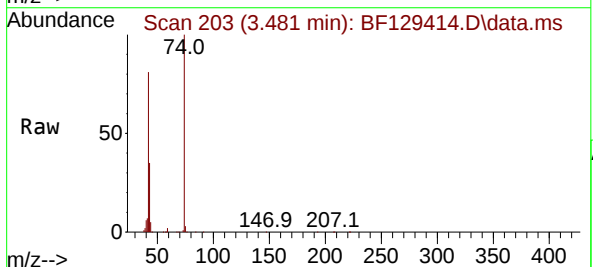
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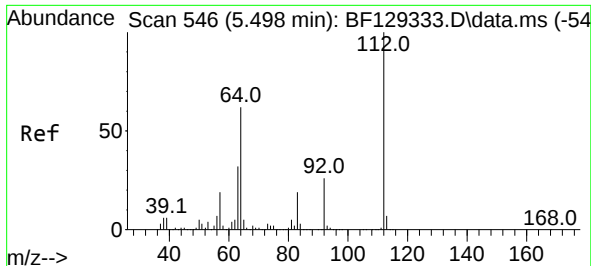
Tgt Ion: 79 Resp: 605263
Ion Ratio Lower Upper
79 100
52 75.5 68.6 102.8
51 37.9 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 44.999 ng
RT: 3.481 min Scan# 203
Delta R.T. 0.082 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion: 42 Resp: 321069
Ion Ratio Lower Upper
42 100
74 123.1 94.8 142.2
44 6.6 6.6 10.0#

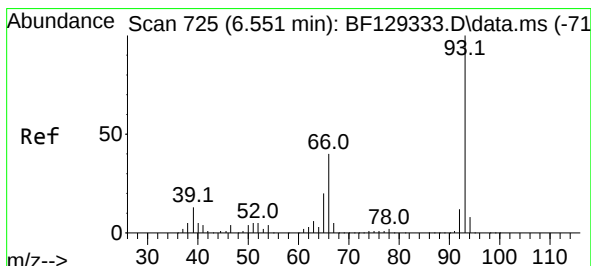
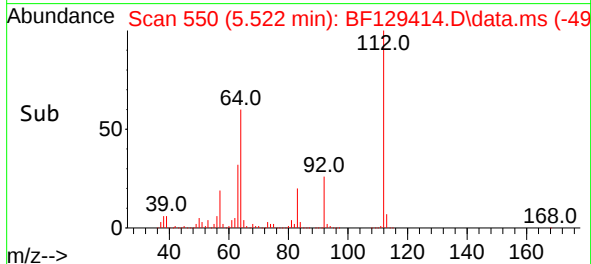
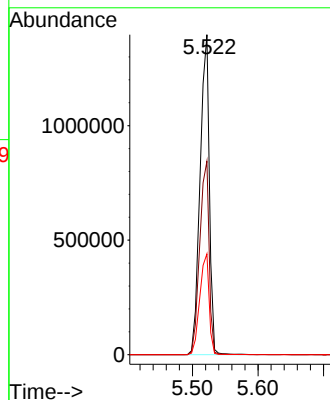
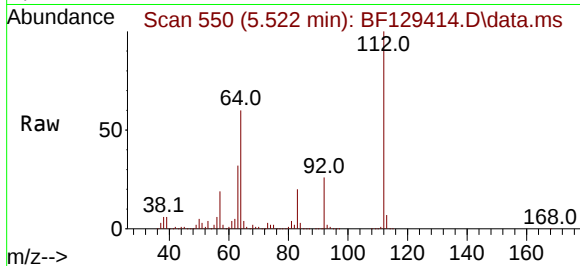




#5
2-Fluorophenol
Concen: 106.472 ng
RT: 5.522 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

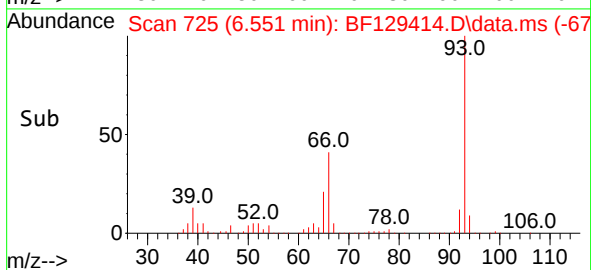
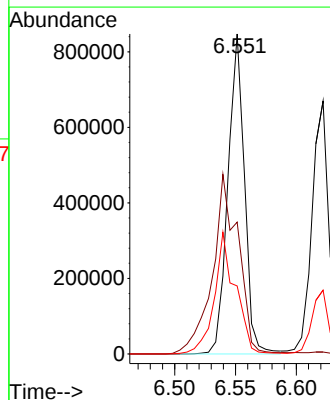
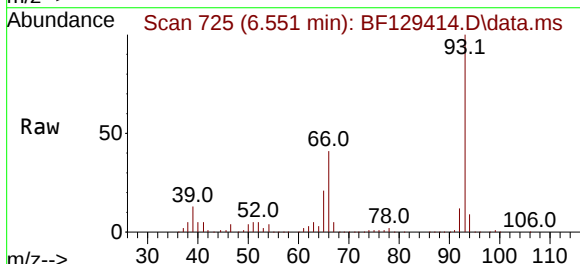
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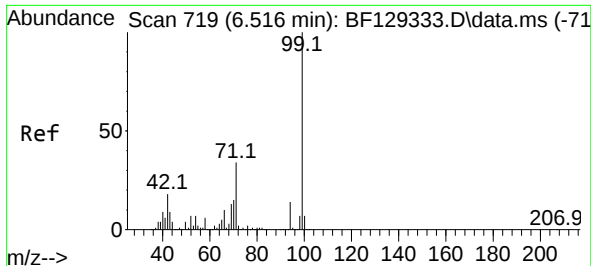
Tgt Ion:112 Resp: 1380729
Ion Ratio Lower Upper
112 100
64 60.5 53.3 79.9
63 31.5 28.0 42.0



#6
Aniline
Concen: 39.550 ng
RT: 6.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF129414.D
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Tgt Ion: 93 Resp: 801433
Ion Ratio Lower Upper
93 100
66 41.2 32.5 48.7
65 21.3 16.4 24.6

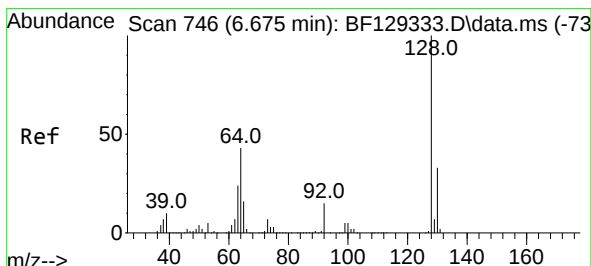
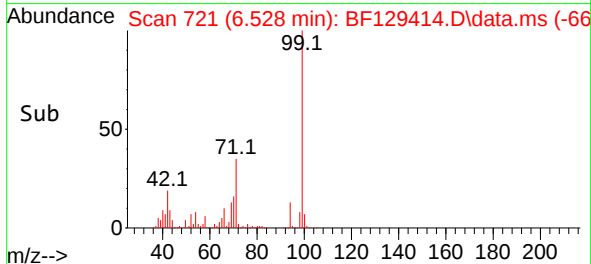
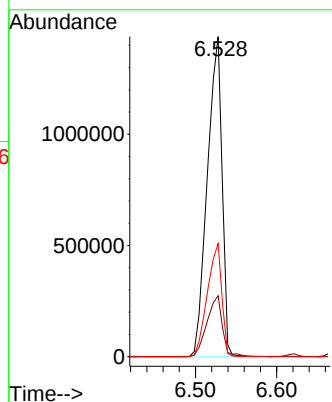
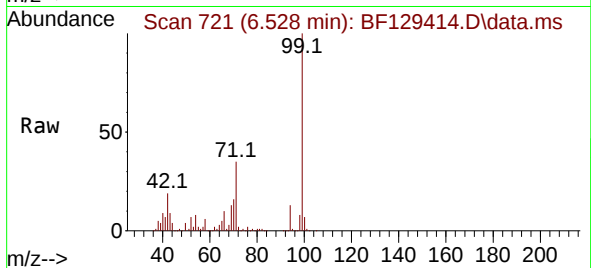




#7
Phenol-d6
Concen: 110.906 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129414.D
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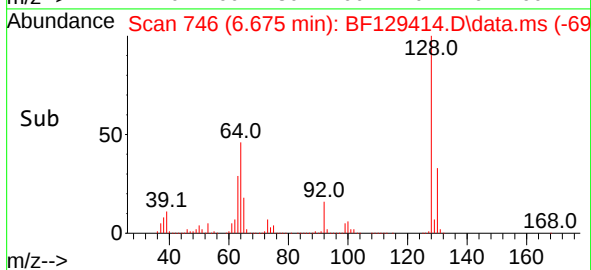
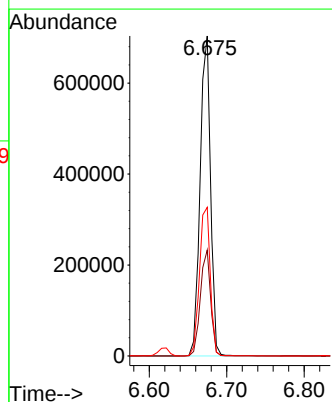
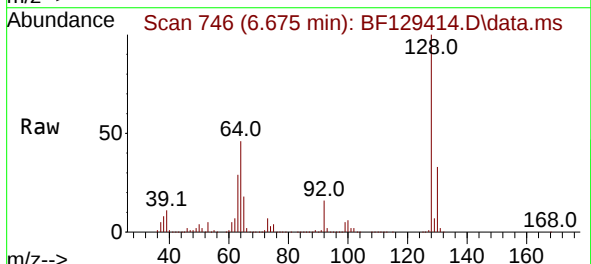
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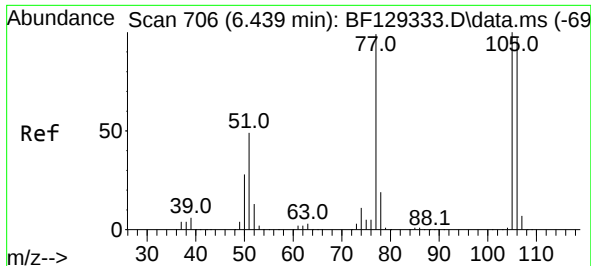
Tgt Ion: 99 Resp: 1807775
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 35.3 28.9 43.3



#8
2-Chlorophenol
Concen: 46.358 ng
RT: 6.675 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion: 128 Resp: 656791
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 46.4 30.9 70.9

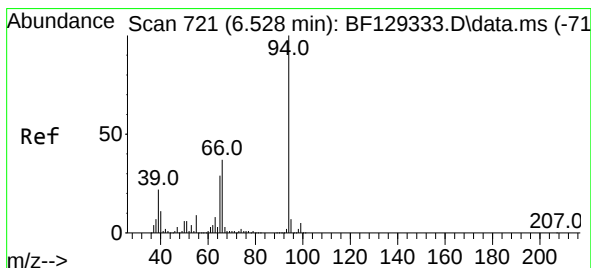
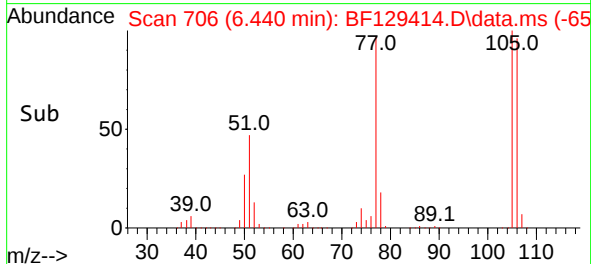
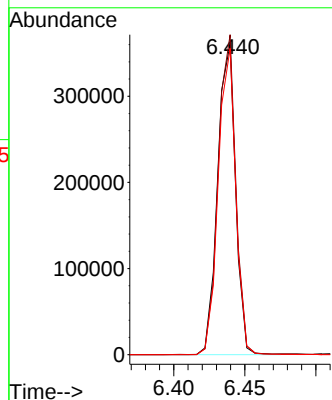
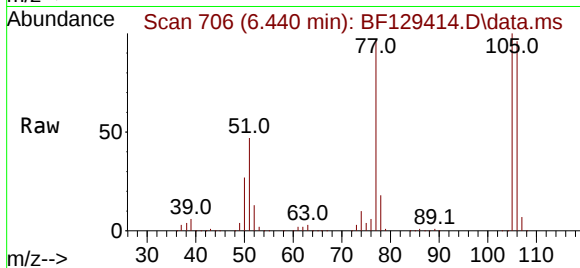




#9
Benzaldehyde
Concen: 28.500 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.000 min
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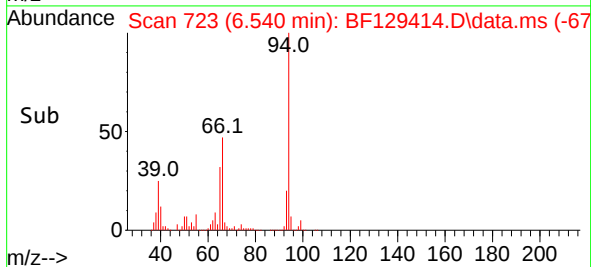
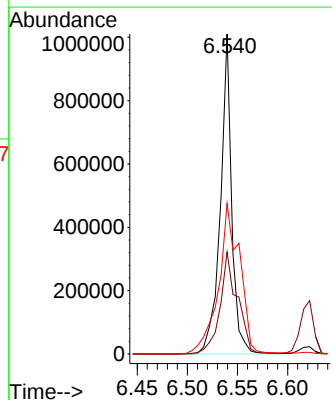
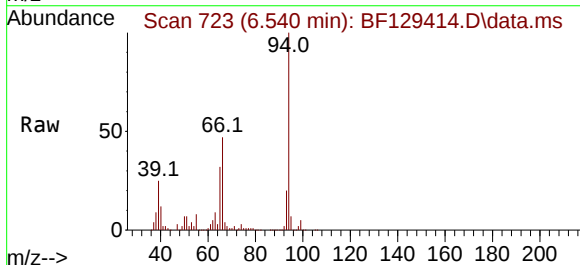
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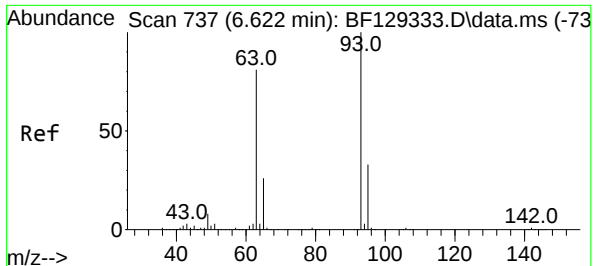
Tgt Ion: 77 Resp: 315475
Ion Ratio Lower Upper
77 100
105 102.9 81.6 121.6
106 98.5 76.1 116.1



#10
Phenol
Concen: 45.726 ng
RT: 6.540 min Scan# 723
Delta R.T. 0.012 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion: 94 Resp: 793709
Ion Ratio Lower Upper
94 100
65 31.9 11.4 51.4
66 47.1 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 45.282 ng

RT: 6.622 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MSD

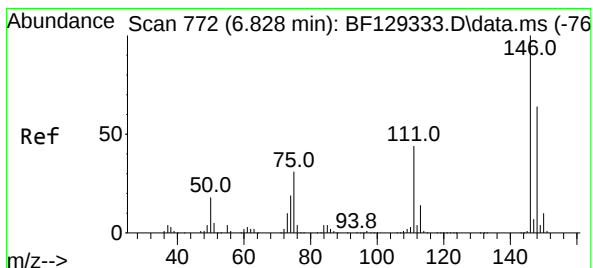
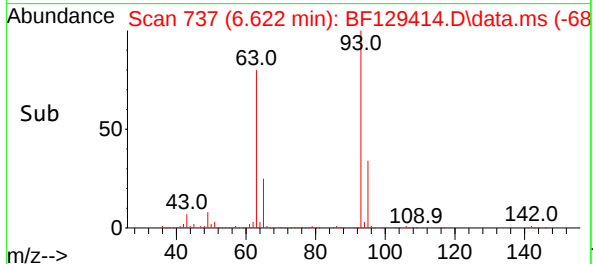
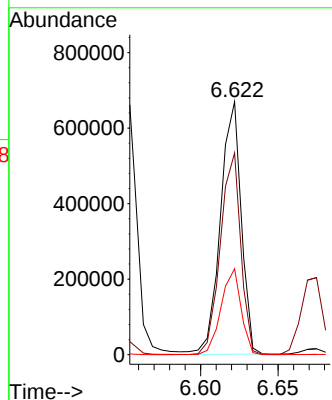
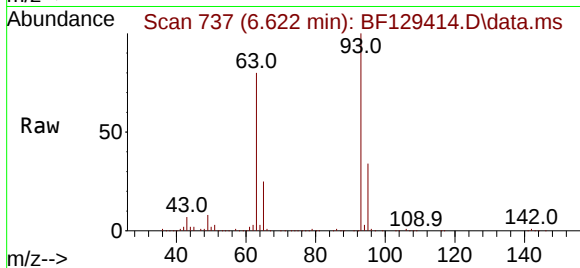
Tgt Ion: 93 Resp: 623350

Ion Ratio Lower Upper

93 100

63 79.8 67.4 107.4

95 34.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 43.946 ng

RT: 6.828 min Scan# 772

Delta R.T. 0.000 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

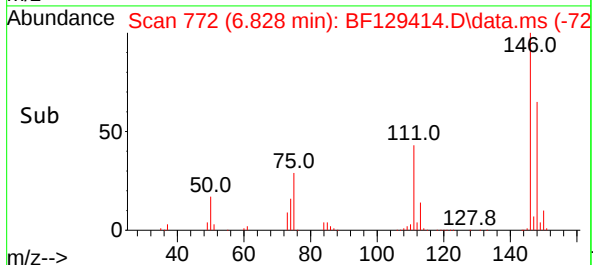
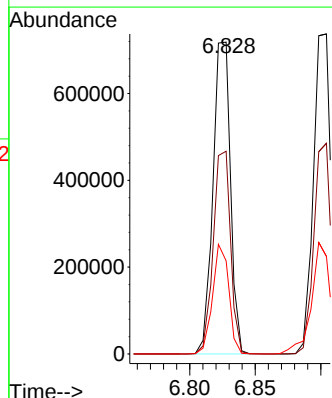
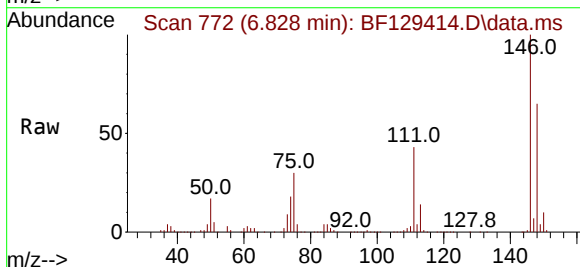
Tgt Ion: 146 Resp: 667757

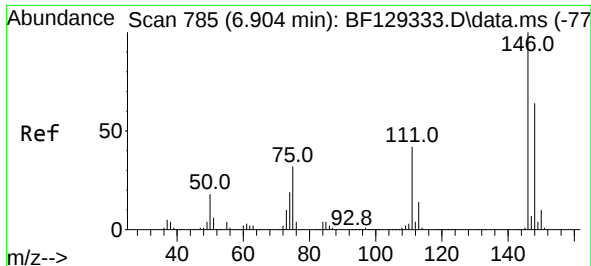
Ion Ratio Lower Upper

146 100

148 65.0 50.6 75.8

75 29.8 26.3 39.5

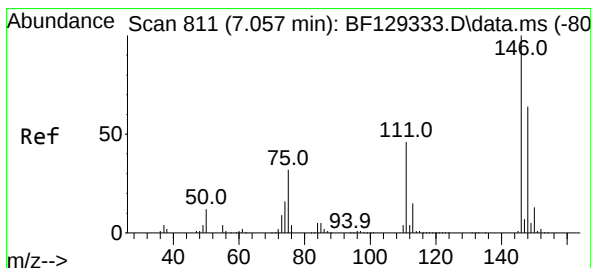
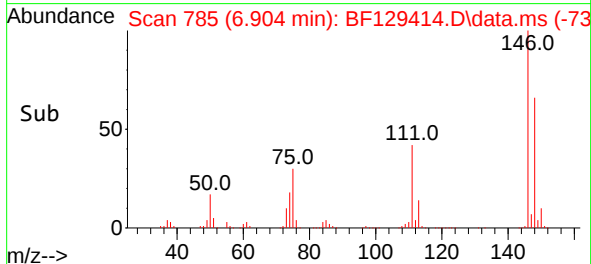
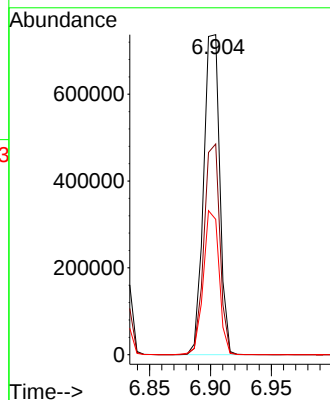
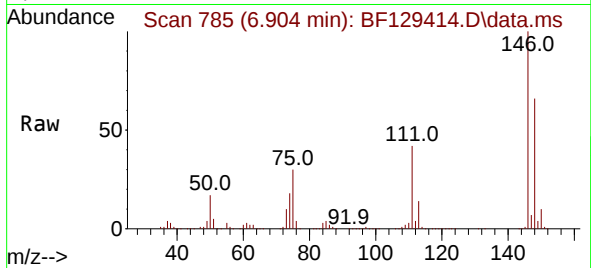




#13
1,4-Dichlorobenzene
Concen: 43.909 ng
RT: 6.904 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

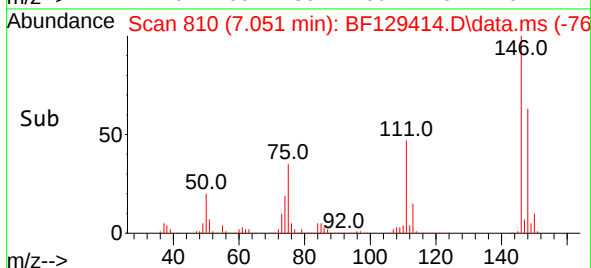
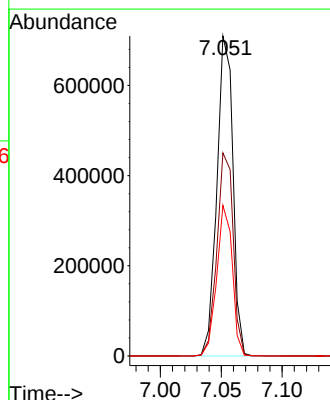
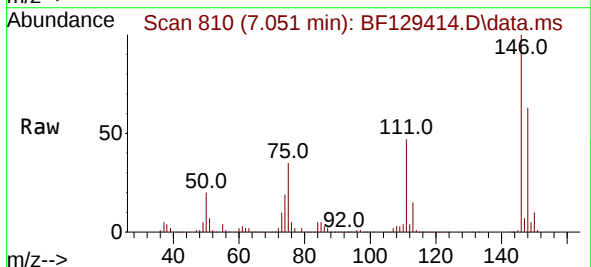
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

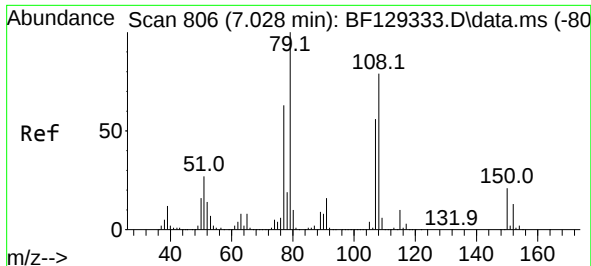
Tgt Ion:146 Resp: 678551
Ion Ratio Lower Upper
146 100
148 65.9 51.1 76.7
111 42.3 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 45.743 ng
RT: 7.051 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:146 Resp: 649753
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
111 47.1 35.1 52.7

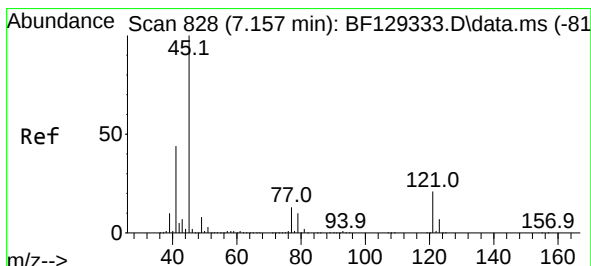
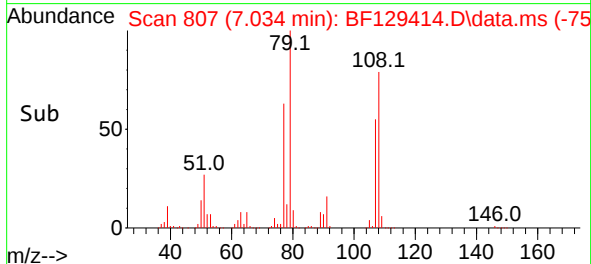
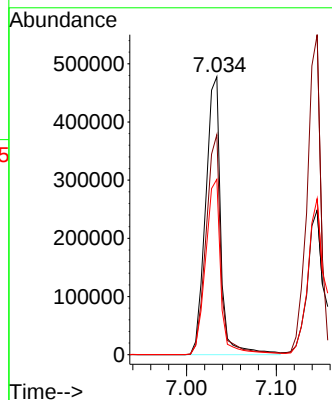
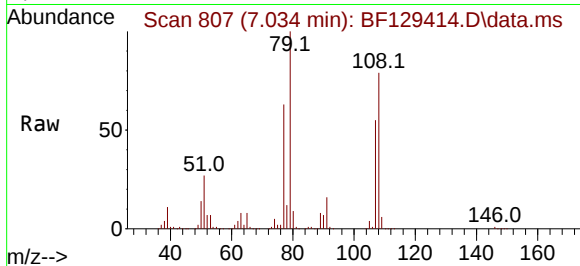




#15
Benzyl Alcohol
Concen: 47.411 ng
RT: 7.034 min Scan# 806
Delta R.T. 0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

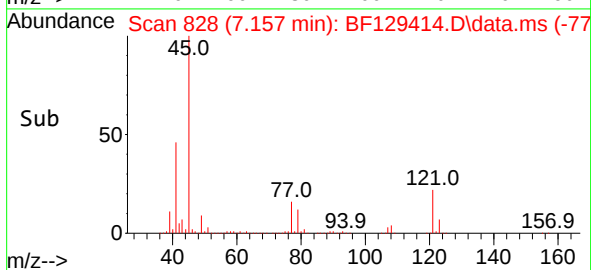
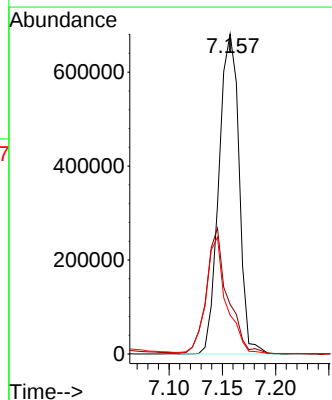
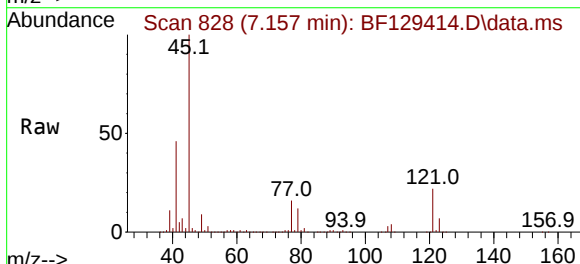
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

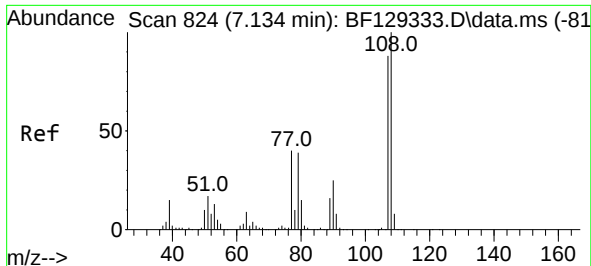
Tgt Ion: 79 Resp: 560484
Ion Ratio Lower Upper
79 100
108 79.1 61.8 92.6
77 63.1 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.274 ng
RT: 7.157 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion: 45 Resp: 895448
Ion Ratio Lower Upper
45 100
77 15.5 0.0 31.3
79 12.1 0.0 28.3

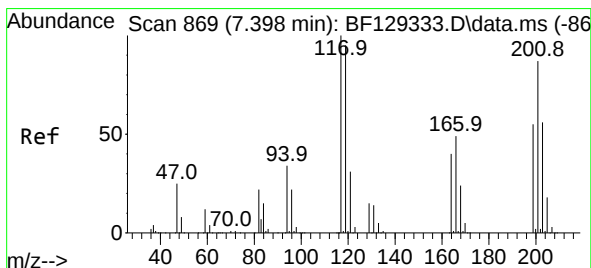
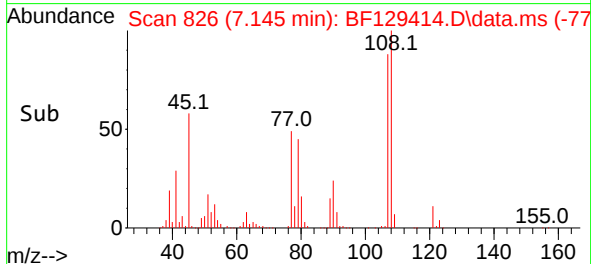
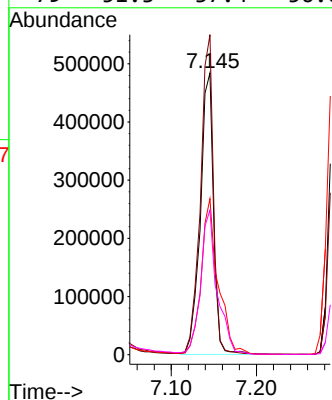
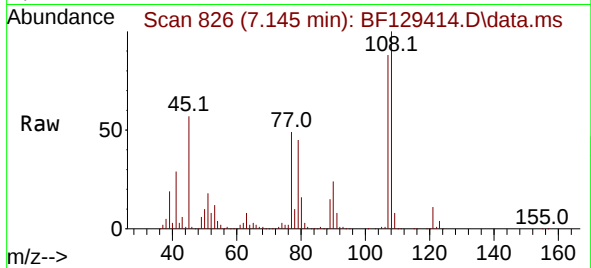




#17
2-Methylphenol
Concen: 44.346 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

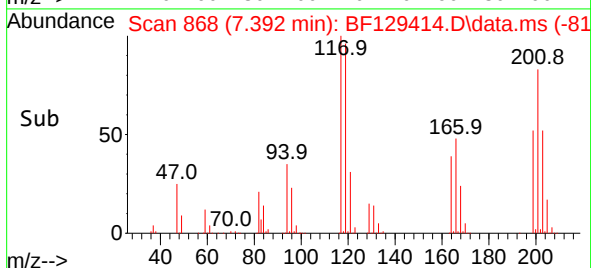
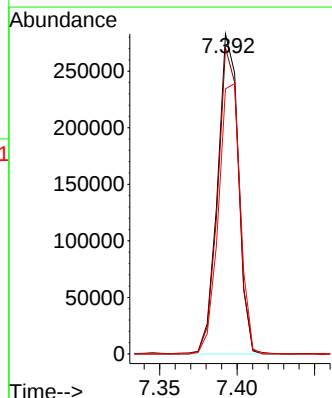
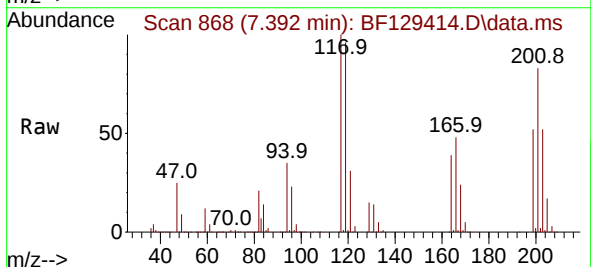
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

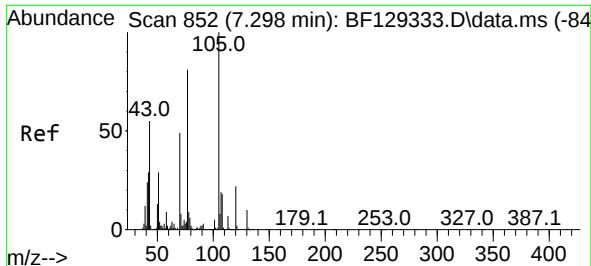
Tgt Ion:107 Resp: 521224
Ion Ratio Lower Upper
107 100
108 113.5 91.9 137.9
77 55.4 37.8 56.8
79 51.3 37.4 56.0



#18
Hexachloroethane
Concen: 45.487 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:117 Resp: 264680
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.2
201 82.8 84.6 127.0#

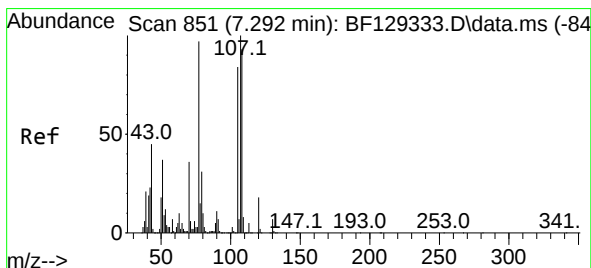
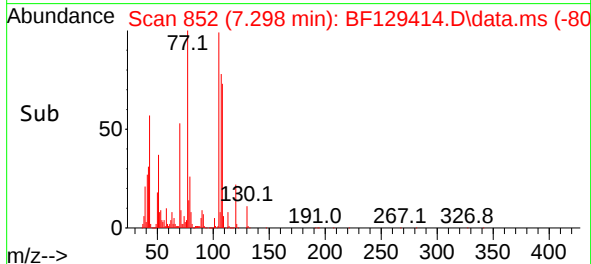
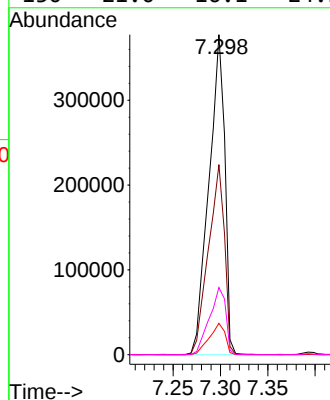
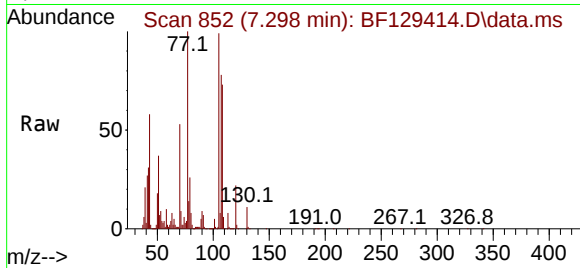




#19
n-Nitroso-di-n-propylamine
Concen: 44.483 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

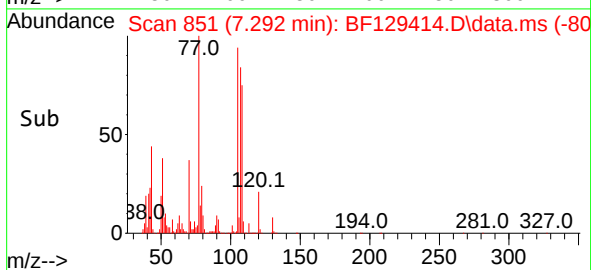
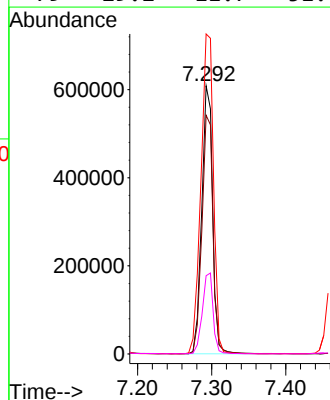
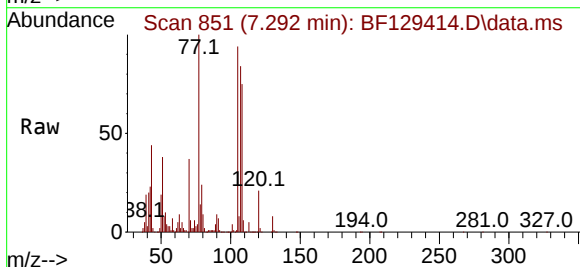
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

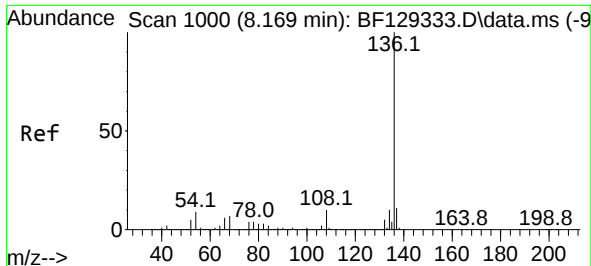
Tgt Ion: 70 Resp: 438958
Ion Ratio Lower Upper
70 100
42 59.4 52.3 78.5
101 9.8 7.5 11.3
130 21.0 16.1 24.1



#20
3+4-Methylphenols
Concen: 41.629 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion: 107 Resp: 622111
Ion Ratio Lower Upper
107 100
108 89.0 71.8 111.8
77 119.3 59.3 99.3#
79 29.2 11.7 51.7

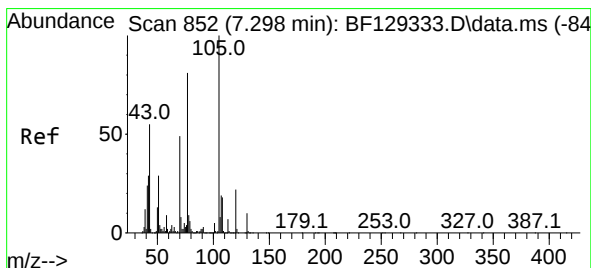
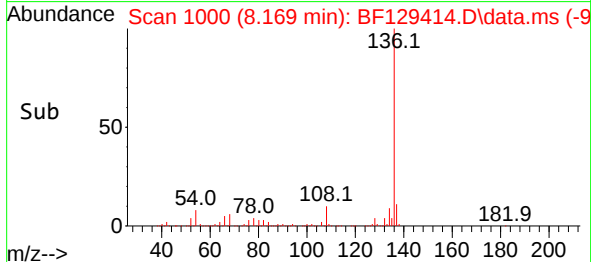
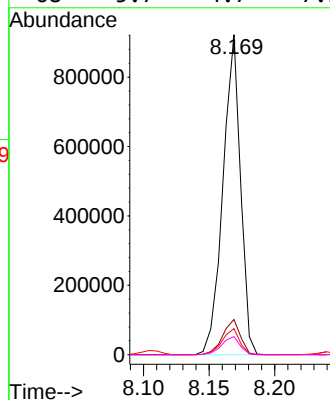
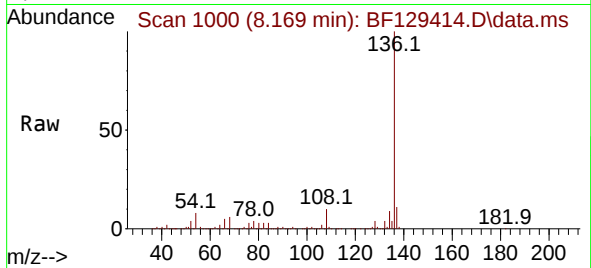




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

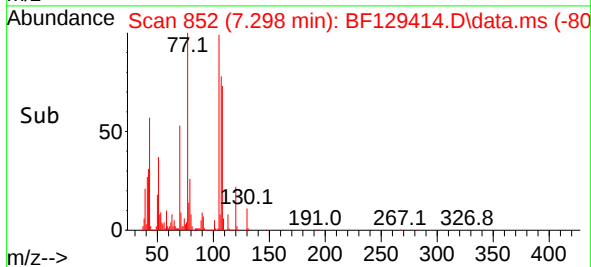
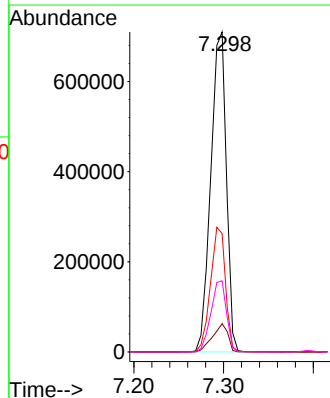
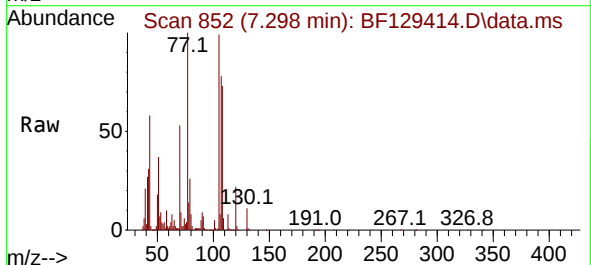
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

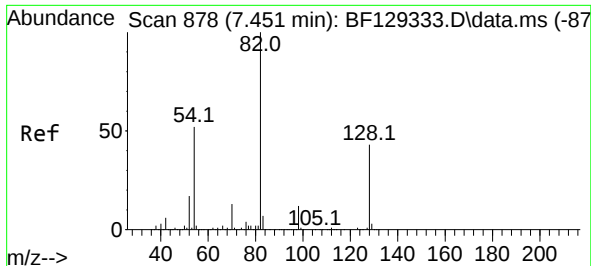
Tgt Ion:136 Resp: 856008
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 7.5 11.3
68 5.7 4.7 7.1



#22
Acetophenone
Concen: 42.923 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:105 Resp: 855428
Ion Ratio Lower Upper
105 100
71 8.9 5.0 7.4#
51 37.0 25.0 37.4
120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 74.414 ng

RT: 7.451 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MSD

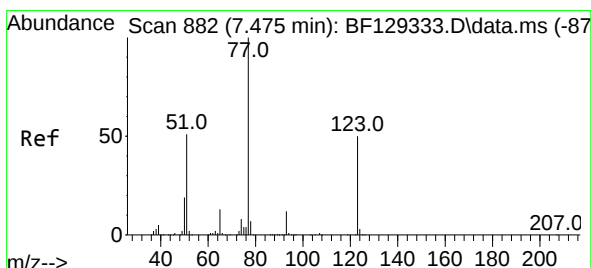
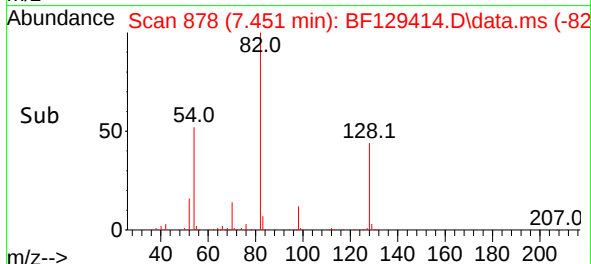
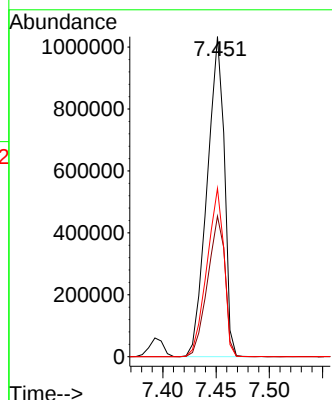
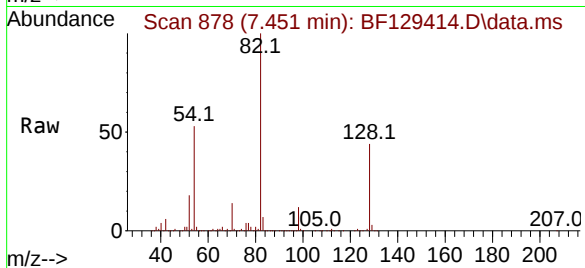
Tgt Ion: 82 Resp: 1166885

Ion Ratio Lower Upper

82 100

128 43.9 34.0 51.0

54 52.6 46.9 70.3



#24

Nitrobenzene

Concen: 42.126 ng

RT: 7.469 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

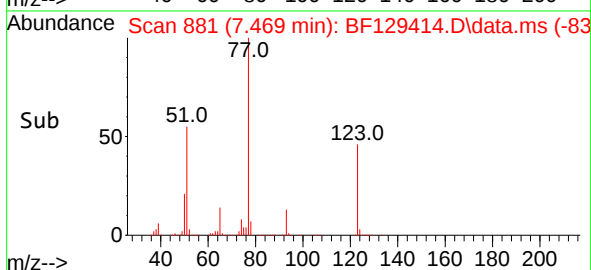
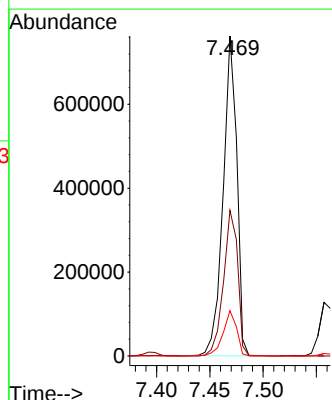
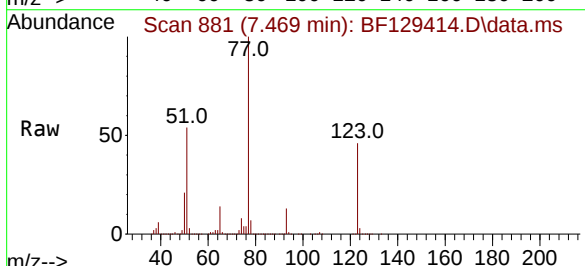
Tgt Ion: 77 Resp: 680247

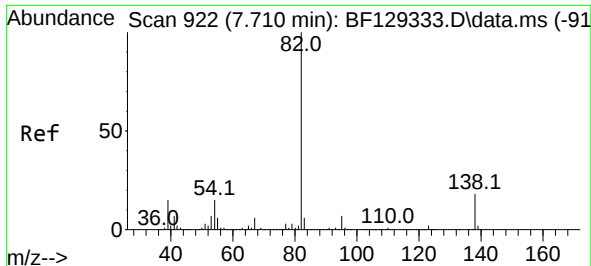
Ion Ratio Lower Upper

77 100

123 45.5 35.4 53.2

65 14.2 11.8 17.8

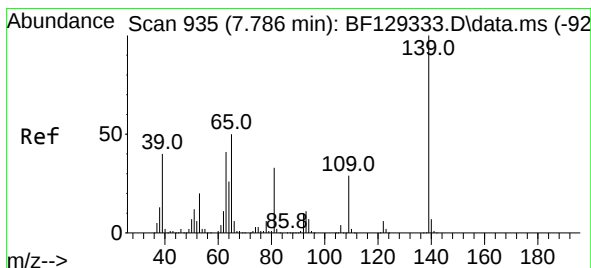
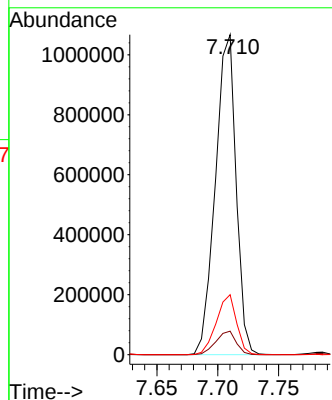
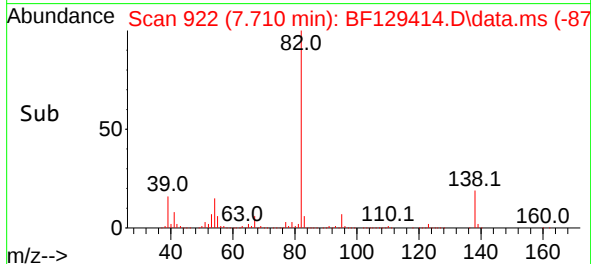
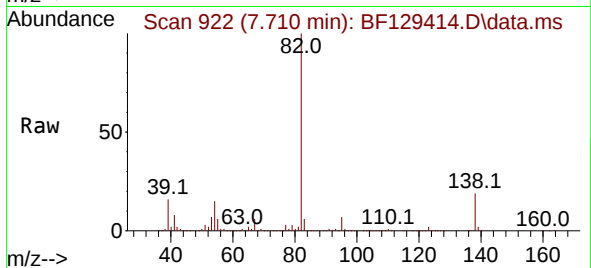




#25
Isophorone
Concen: 44.936 ng
RT: 7.710 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

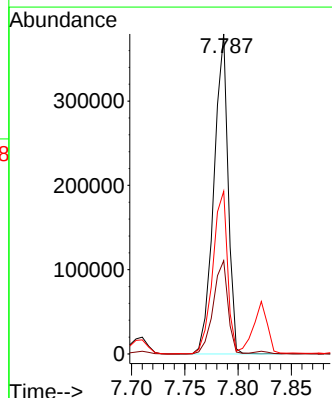
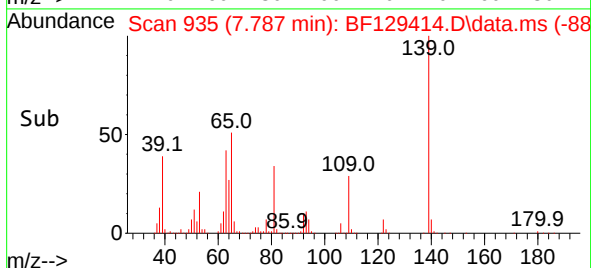
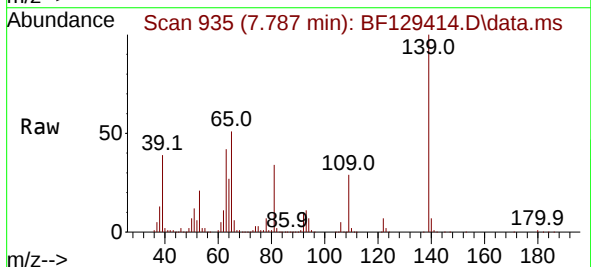
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

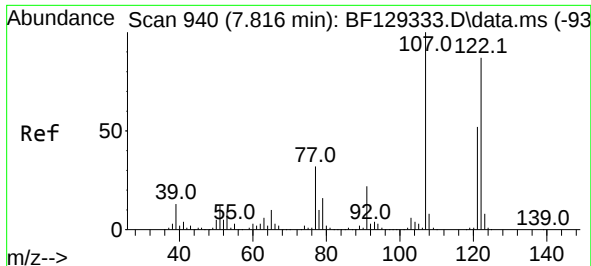
Tgt Ion: 82 Resp: 1263079
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.7 14.2 21.2



#26
2-Nitrophenol
Concen: 44.116 ng
RT: 7.787 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion: 139 Resp: 351432
Ion Ratio Lower Upper
139 100
109 29.1 25.0 37.4
65 50.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 47.612 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.006 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MSD

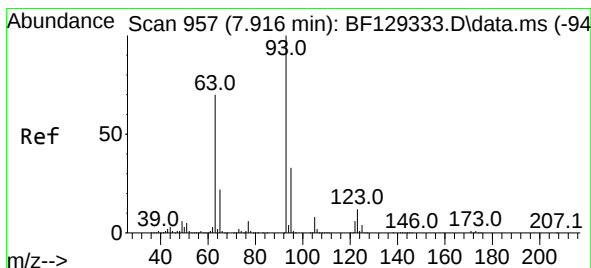
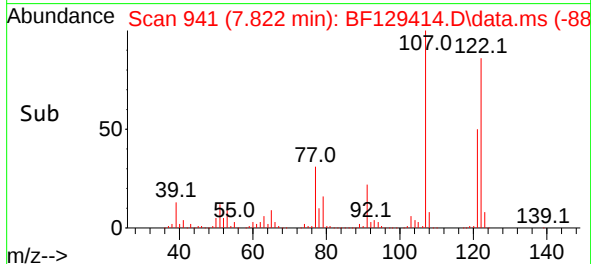
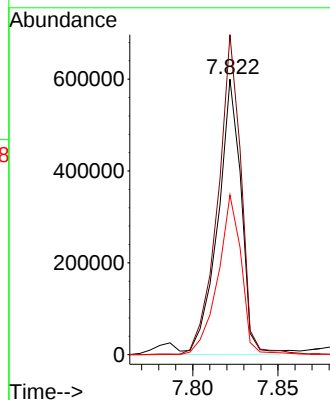
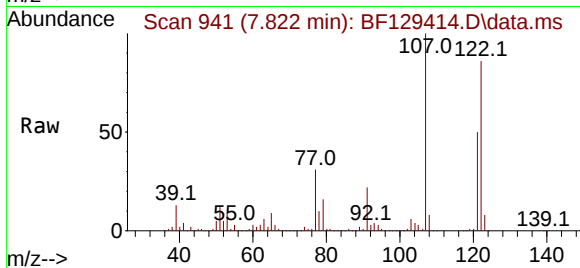
Tgt Ion:122 Resp: 568930

Ion Ratio Lower Upper

122 100

107 116.2 93.0 139.6

121 58.0 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.815 ng

RT: 7.916 min Scan# 957

Delta R.T. 0.000 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

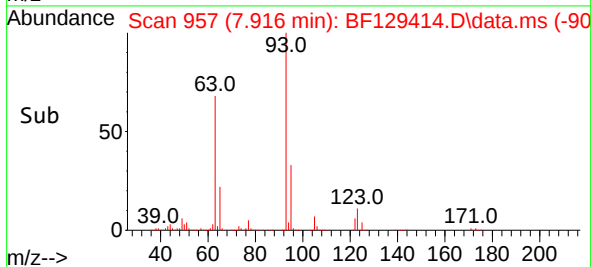
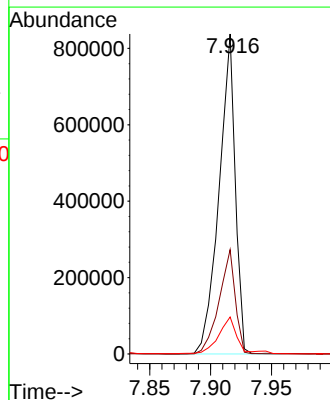
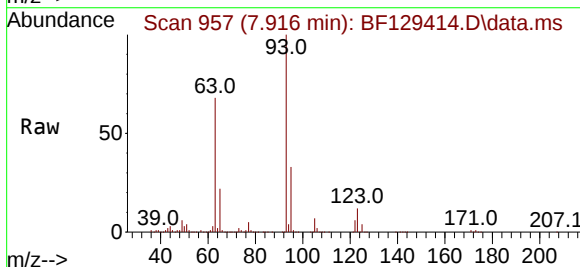
Tgt Ion: 93 Resp: 779652

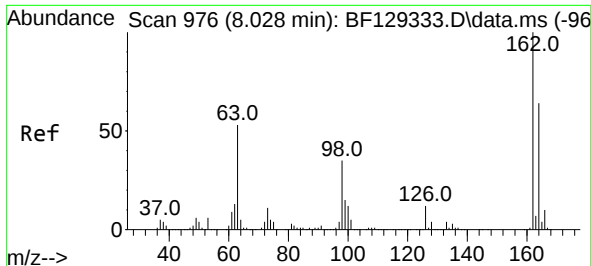
Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.469 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129414.D

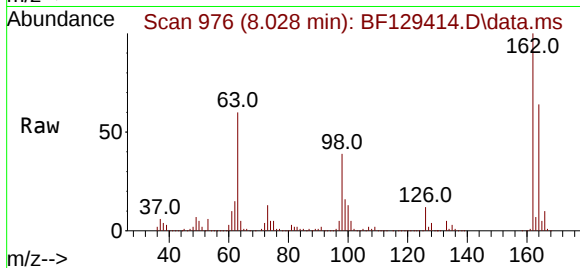
Acq: 28 Jul 2022 18:05

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MSD



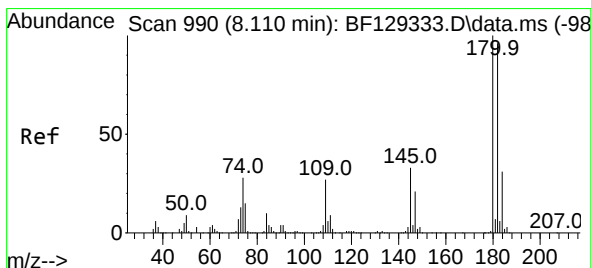
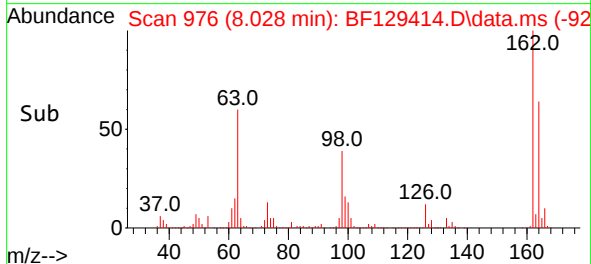
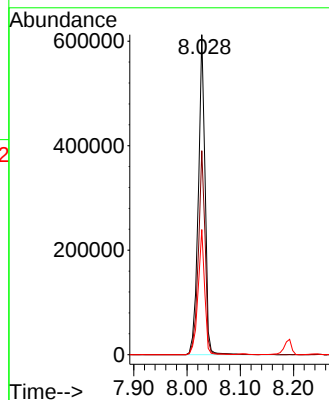
Tgt Ion:162 Resp: 536124

Ion Ratio Lower Upper

162 100

164 63.7 44.2 84.2

98 39.1 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 42.047 ng

RT: 8.110 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

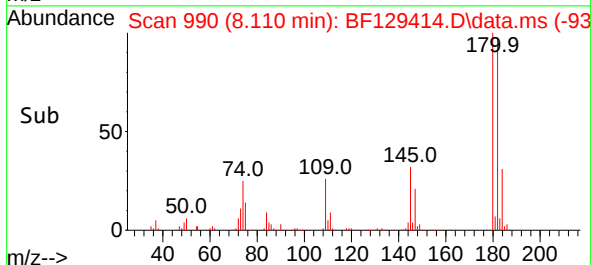
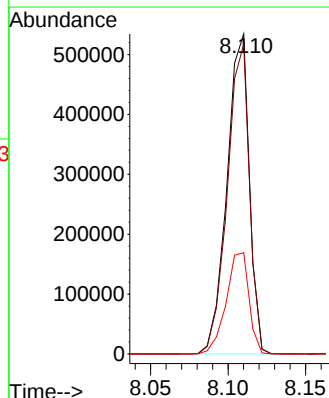
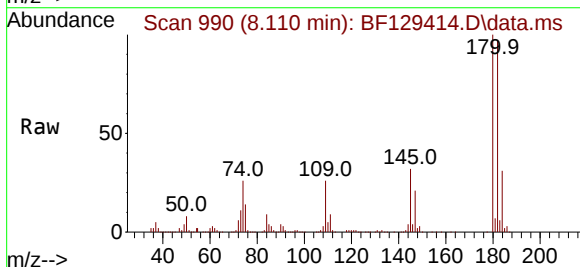
Tgt Ion:180 Resp: 536768

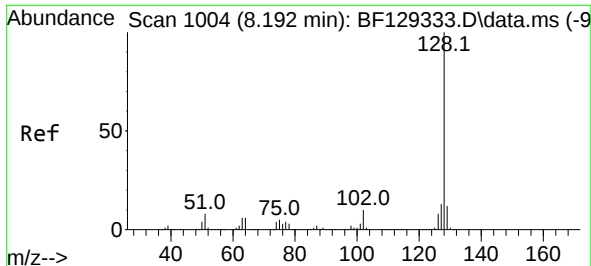
Ion Ratio Lower Upper

180 100

182 96.8 79.2 118.8

145 31.7 26.2 39.2

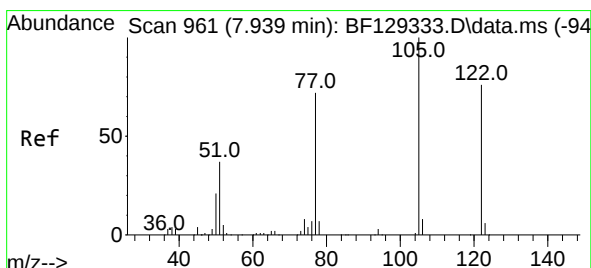
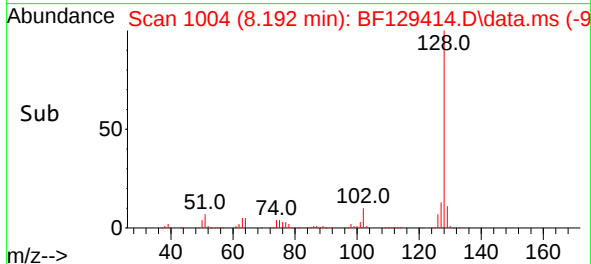
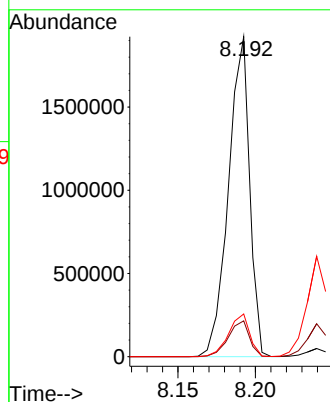
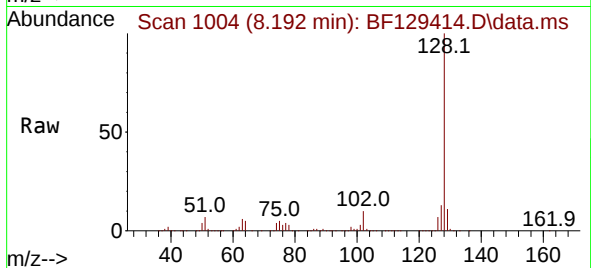




#31
Naphthalene
Concen: 41.980 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

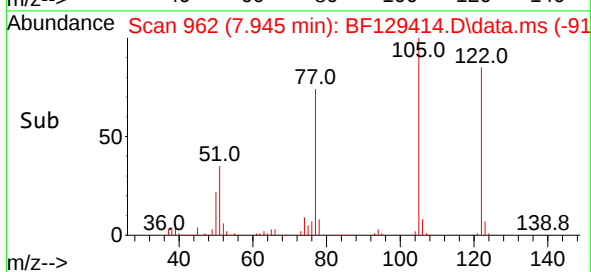
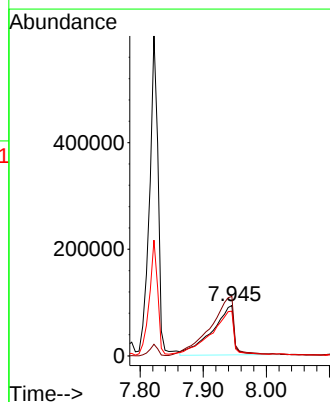
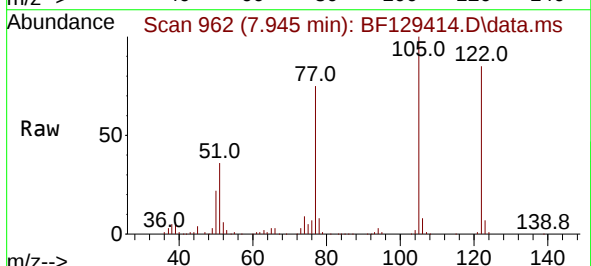
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

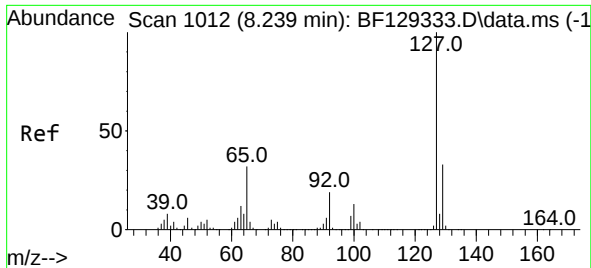
Tgt Ion:128 Resp: 1825735
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 26.582 ng
RT: 7.945 min Scan# 962
Delta R.T. 0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:122 Resp: 229627
Ion Ratio Lower Upper
122 100
105 118.0 107.1 147.1
77 88.9 74.2 114.2

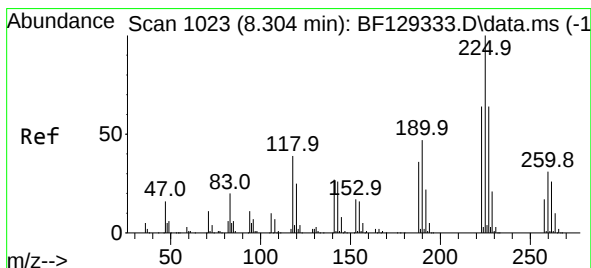
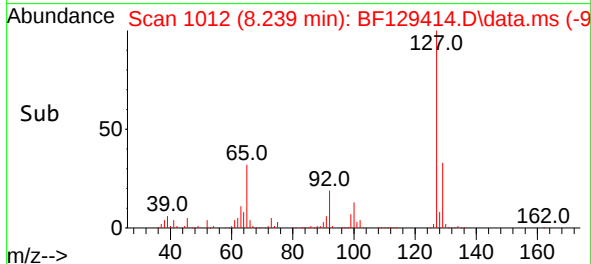
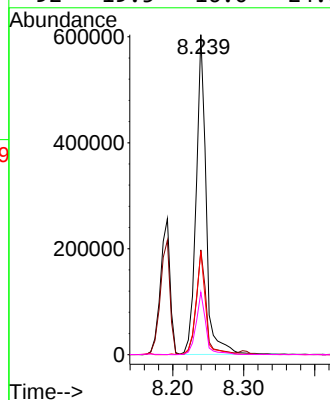
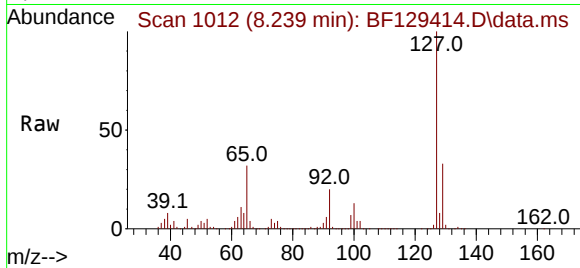




#33
4-Chloroaniline
Concen: 33.168 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

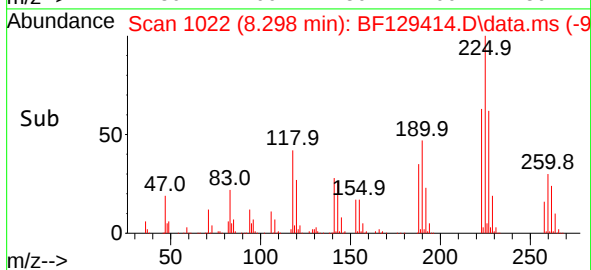
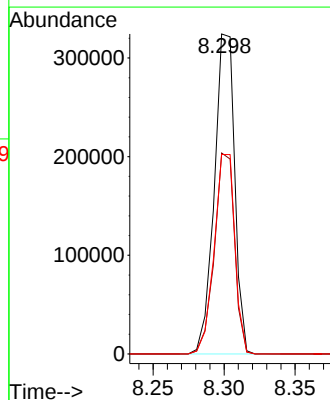
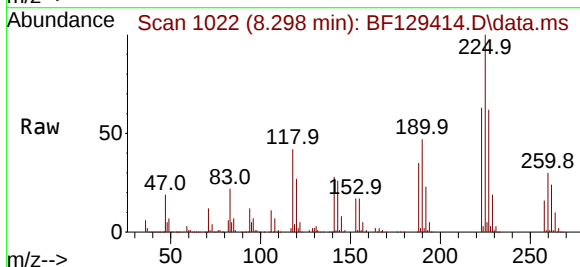
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

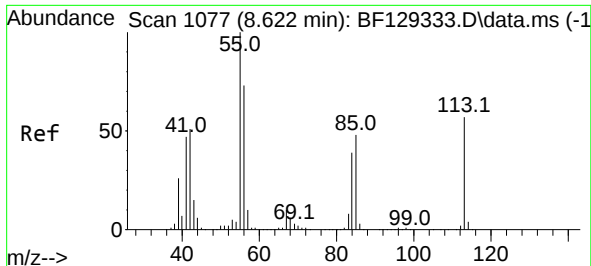
Tgt Ion:	127	Resp:	592231
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.4	39.6
65	32.2	26.4	39.6
92	19.5	16.0	24.0



#34
Hexachlorobutadiene
Concen: 44.532 ng
RT: 8.298 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:	225	Resp:	323151
Ion Ratio	Lower	Upper	
225	100		
223	62.8	51.0	76.6
227	62.4	51.1	76.7

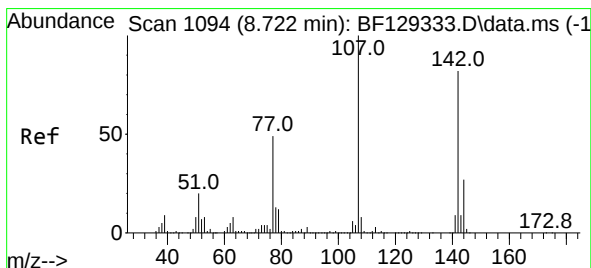
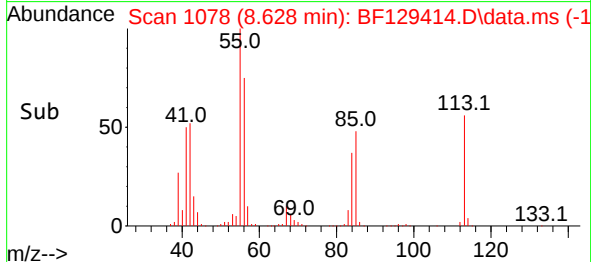
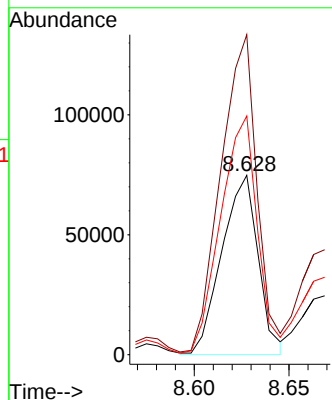
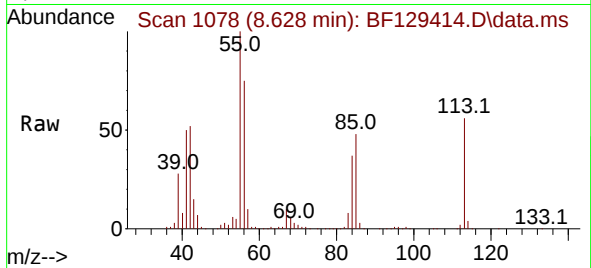




#35
 Caprolactam
 Concen: 24.850 ng
 RT: 8.628 min Scan# 1077
 Delta R.T. 0.006 min
 Lab File: BF129414.D
 Acq: 28 Jul 2022 18:05

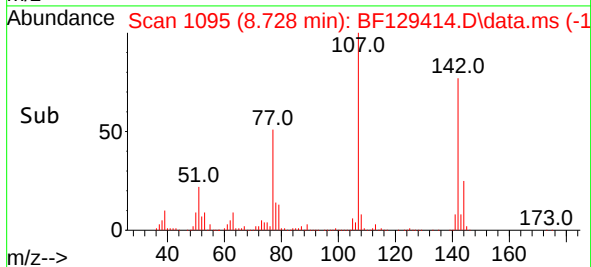
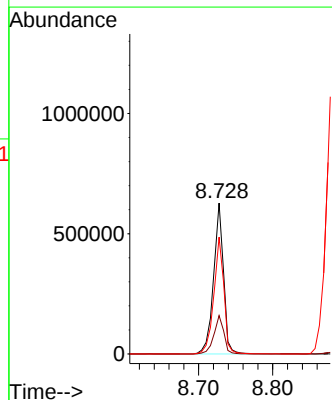
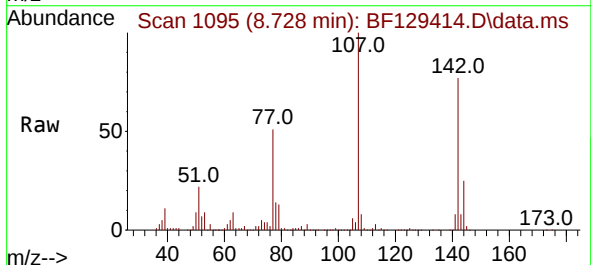
Instrument :
 BNA_F
 ClientSampleId :
 PB-07-27-2022MSD

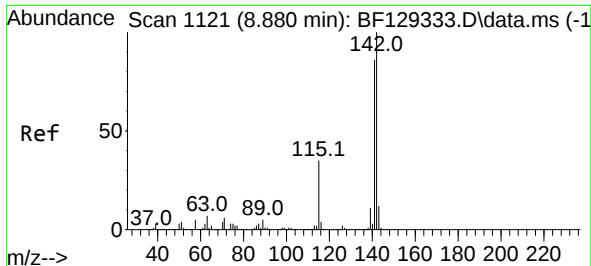
Tgt Ion:113 Resp: 99644
 Ion Ratio Lower Upper
 113 100
 55 178.4 188.5 228.5#
 56 133.1 130.6 170.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.847 ng
 RT: 8.728 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF129414.D
 Acq: 28 Jul 2022 18:05

Tgt Ion:107 Resp: 586646
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.5 29.3
 142 77.4 58.2 87.4





#37

2-Methylnaphthalene

Concen: 43.165 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

Instrument :

BNA_F

ClientSampleId :

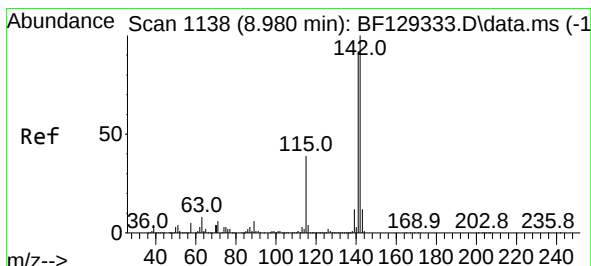
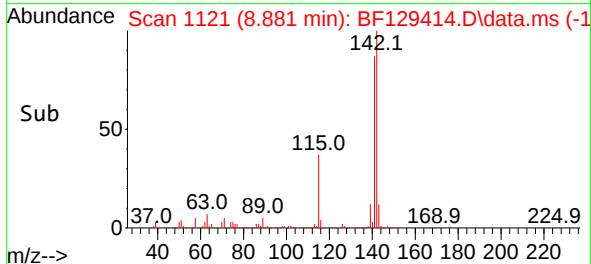
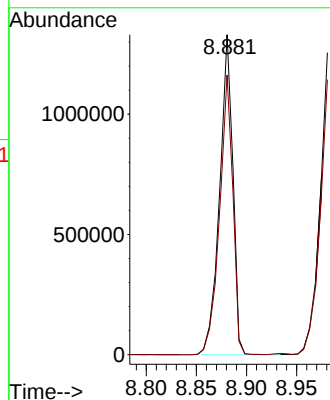
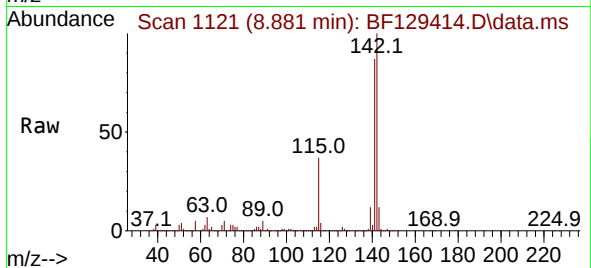
PB-07-27-2022MSD

Tgt Ion:142 Resp: 1219957

Ion Ratio Lower Upper

142 100

141 87.3 71.0 106.4



#38

1-Methylnaphthalene

Concen: 42.371 ng

RT: 8.981 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF129414.D

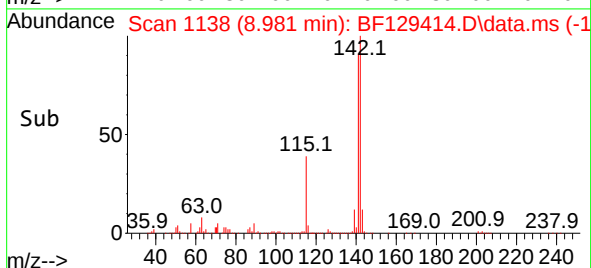
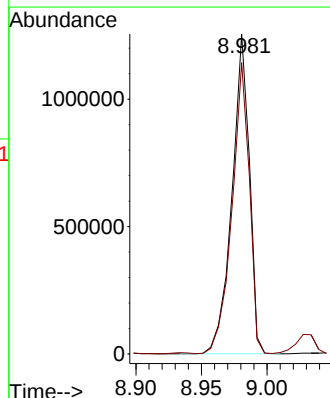
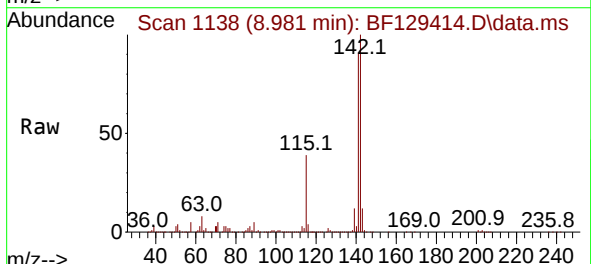
Acq: 28 Jul 2022 18:05

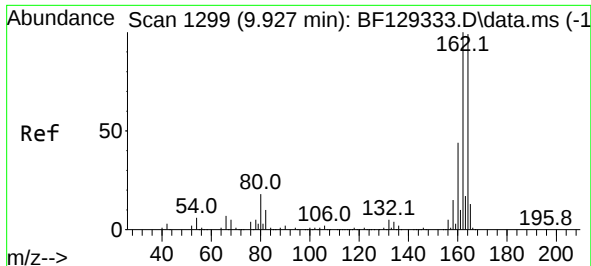
Tgt Ion:142 Resp: 1156008

Ion Ratio Lower Upper

142 100

141 91.1 74.2 111.4

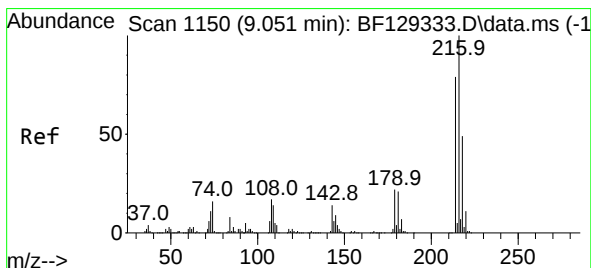
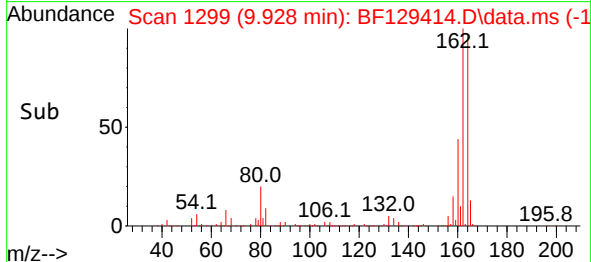
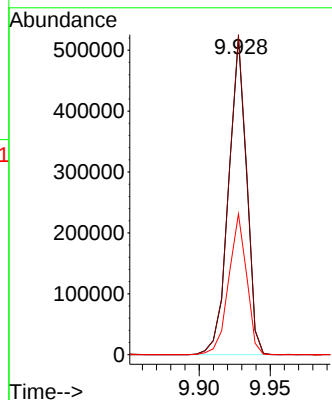
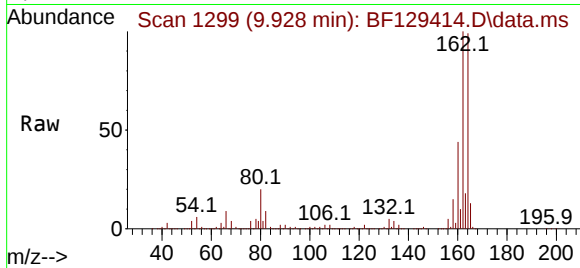




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

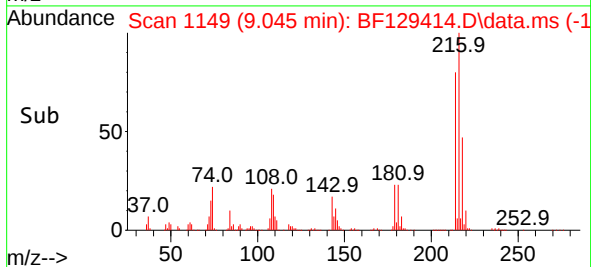
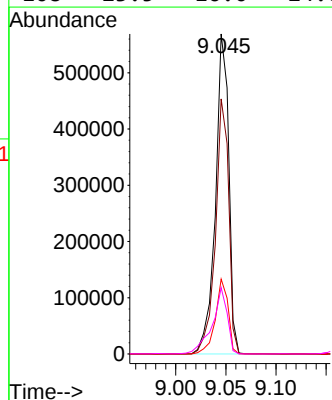
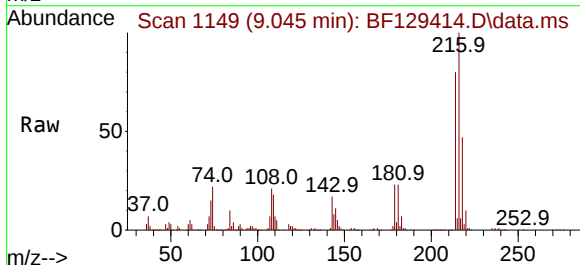
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ClientSampleId :
PB-07-27-2022MSD

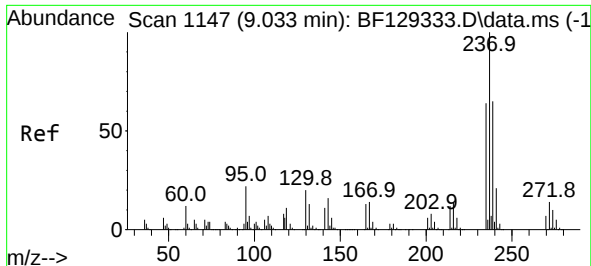
Tgt Ion:164 Resp: 456824
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 44.4 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.650 ng
RT: 9.045 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:216 Resp: 523591
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 22.5 17.0 25.6
108 23.5 16.0 24.0

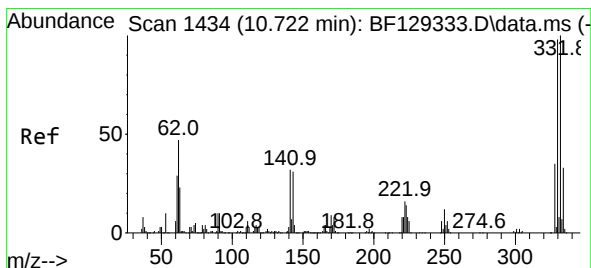
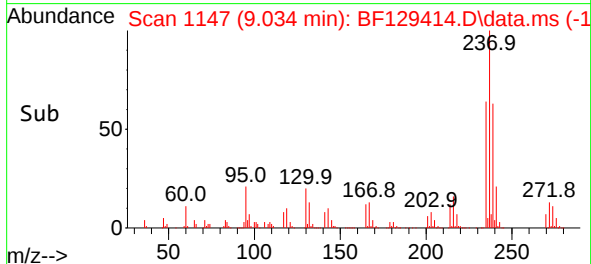
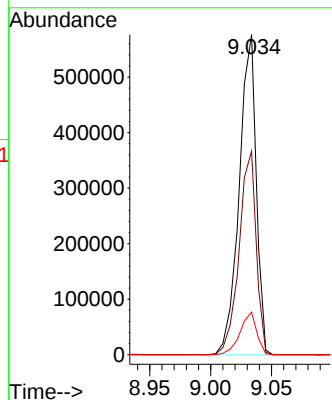
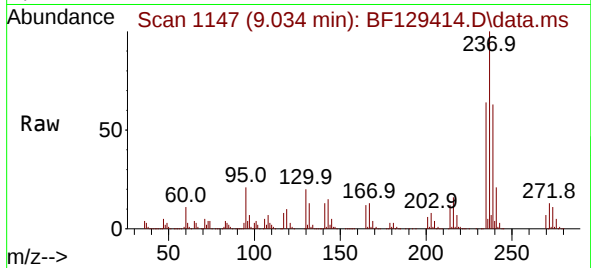




#41
Hexachlorocyclopentadiene
Concen: 105.377 ng
RT: 9.034 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

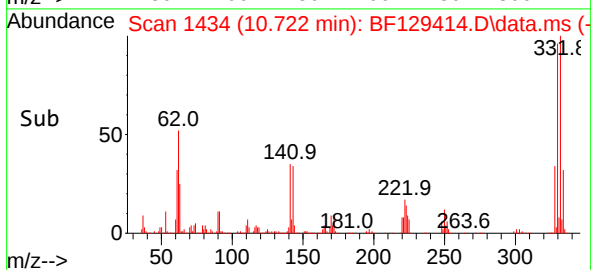
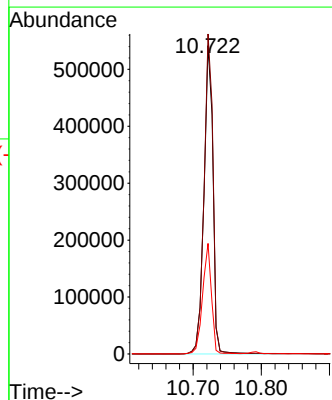
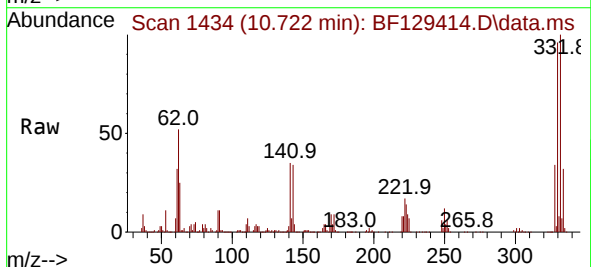
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BNA_F
ClientSampleId :
PB-07-27-2022MSD

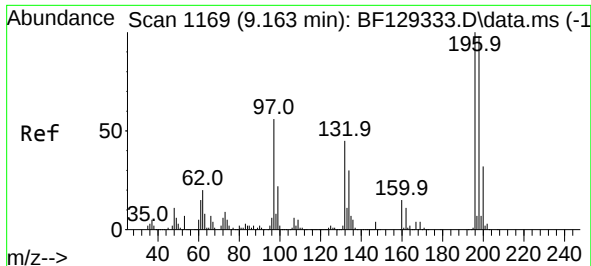
Tgt Ion:237 Resp: 562856
Ion Ratio Lower Upper
237 100
235 63.6 43.2 83.2
272 13.3 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 113.785 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:330 Resp: 499745
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 35.0 28.0 42.0

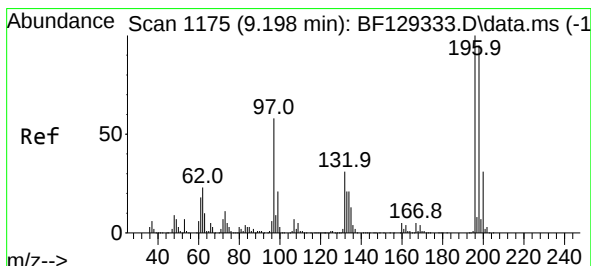
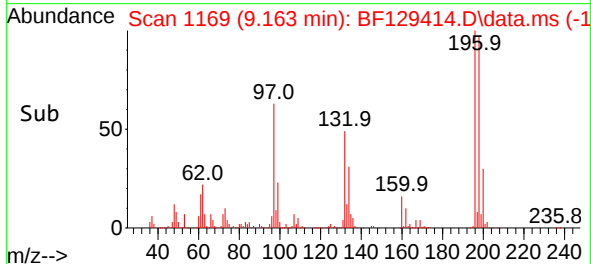
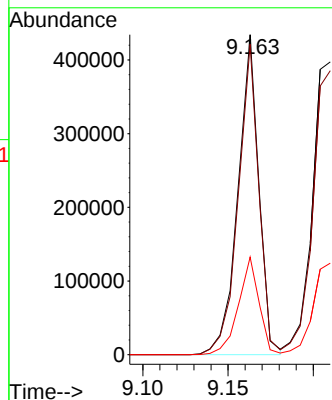
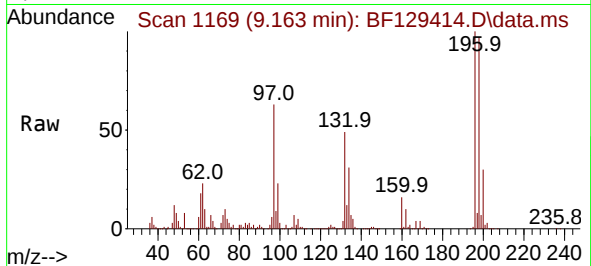




#43
2,4,6-Trichlorophenol
Concen: 42.306 ng
RT: 9.163 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

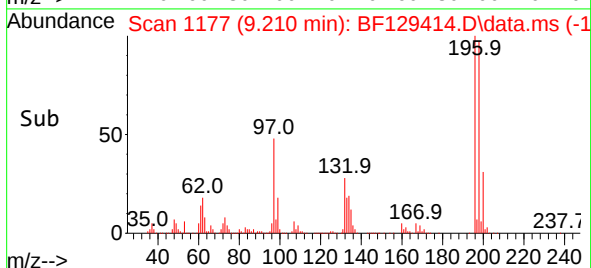
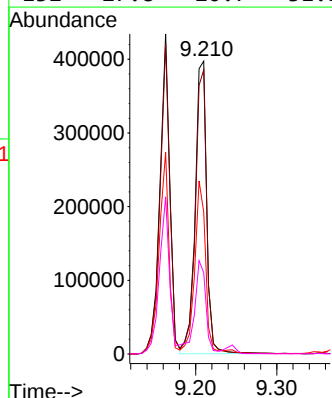
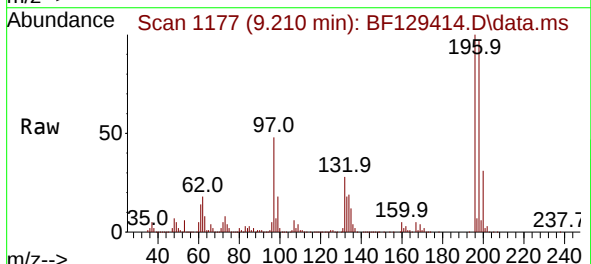
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

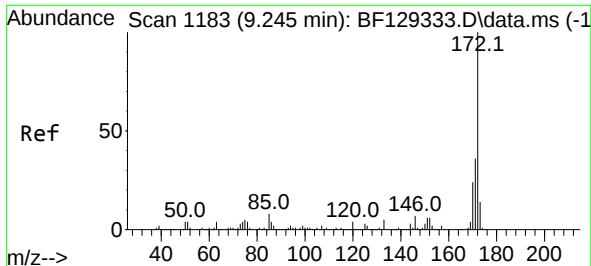
Tgt Ion:196 Resp: 368581
Ion Ratio Lower Upper
196 100
198 97.0 74.0 111.0
200 30.5 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 41.831 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.012 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:196 Resp: 396325
Ion Ratio Lower Upper
196 100
198 97.0 75.7 113.5
97 48.5 36.4 54.6
132 27.8 20.7 31.1

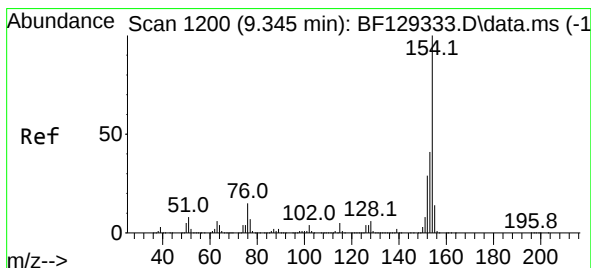
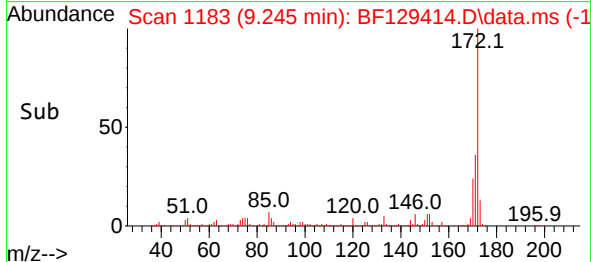
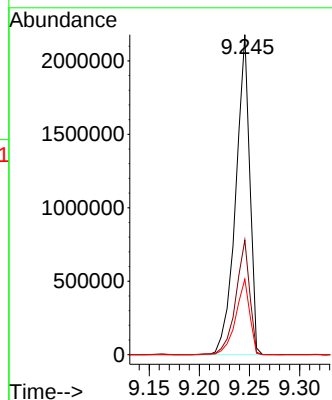
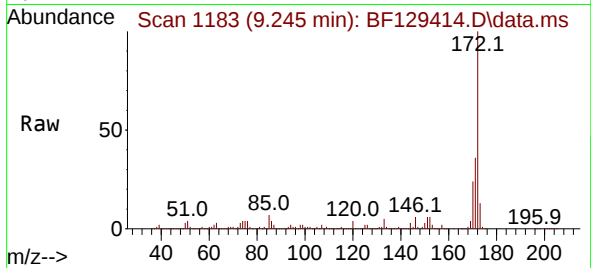




#45
2-Fluorobiphenyl
Concen: 71.842 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

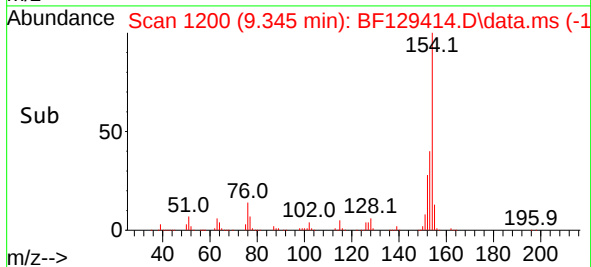
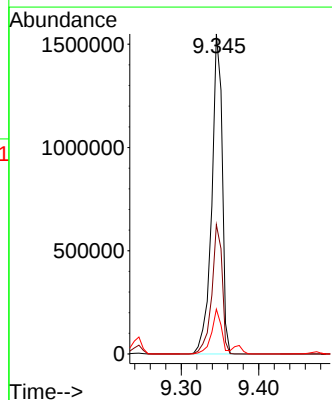
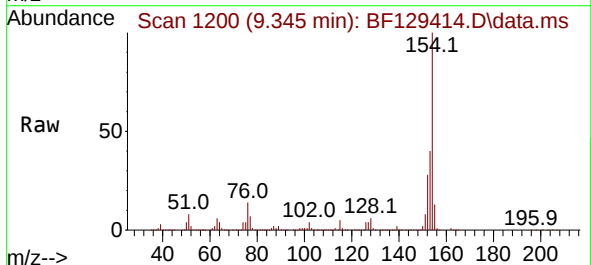
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

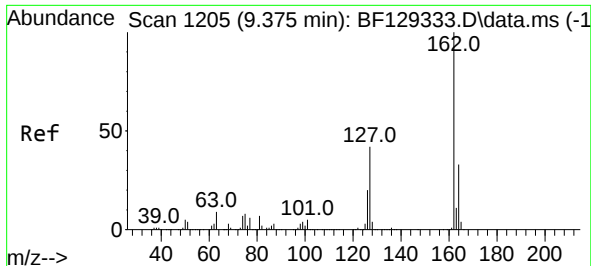
Tgt Ion:172 Resp: 2121551
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 19.8 29.8



#46
1,1'-Biphenyl
Concen: 43.527 ng
RT: 9.345 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:154 Resp: 1451135
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 14.0 0.0 33.3

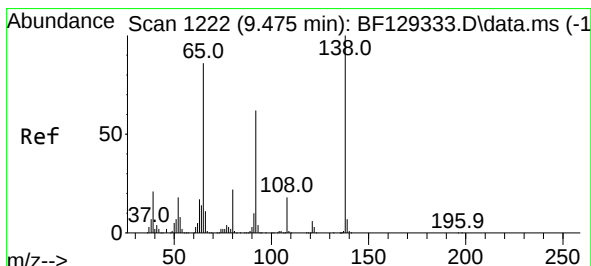
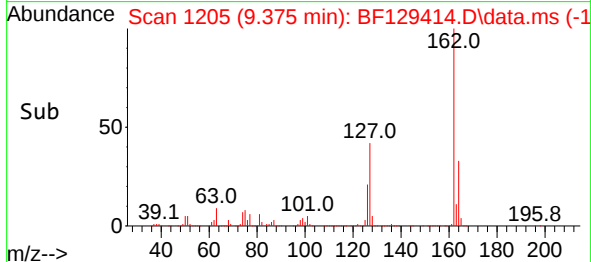
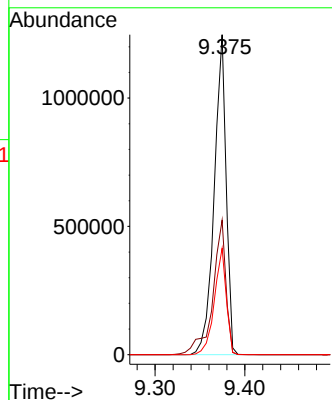
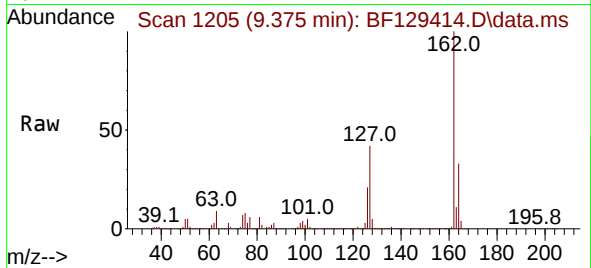




#47
2-Chloronaphthalene
Concen: 42.835 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

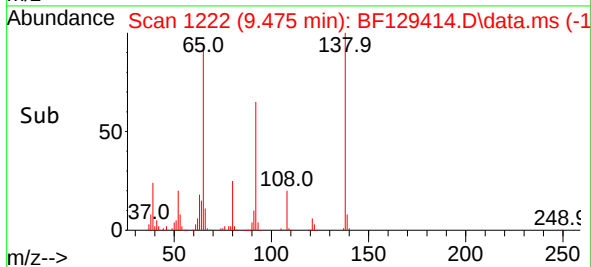
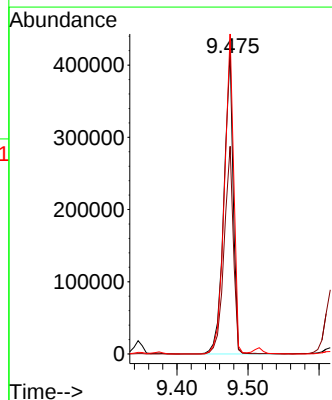
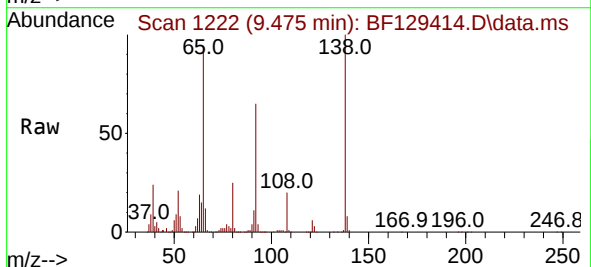
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

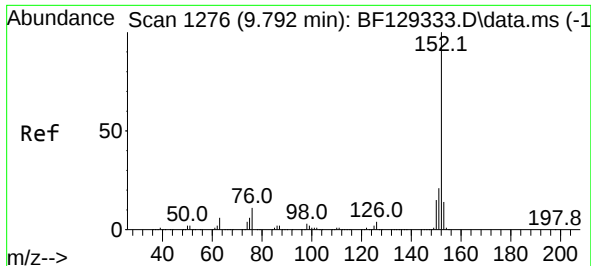
Tgt Ion:162 Resp: 1154470
Ion Ratio Lower Upper
162 100
127 42.0 34.5 51.7
164 33.3 26.5 39.7



#48
2-Nitroaniline
Concen: 42.313 ng
RT: 9.475 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion: 65 Resp: 379209
Ion Ratio Lower Upper
65 100
92 68.7 51.9 77.9
138 105.9 76.4 114.6

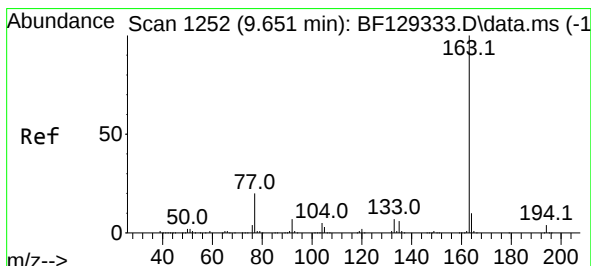
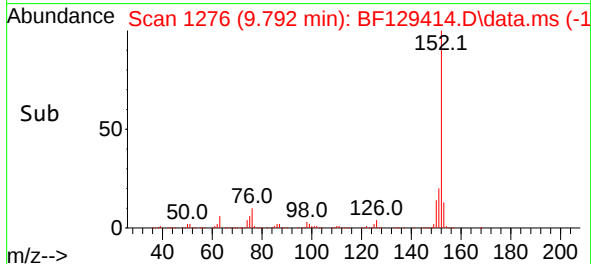
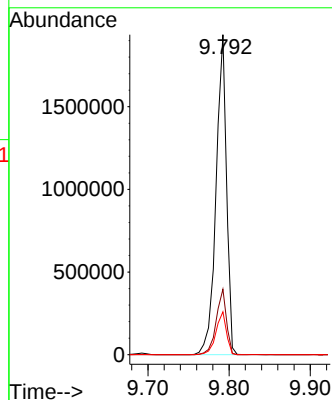
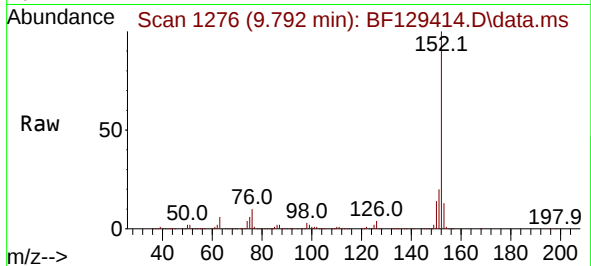




#49
Acenaphthylene
Concen: 42.367 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

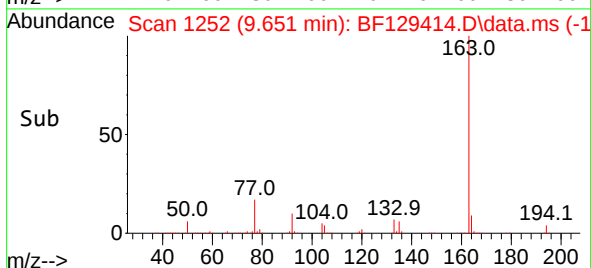
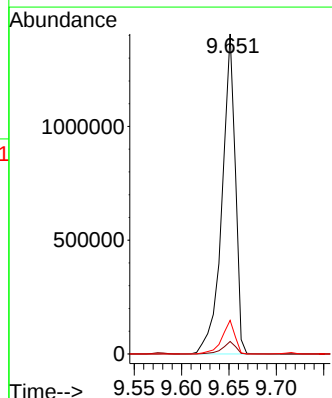
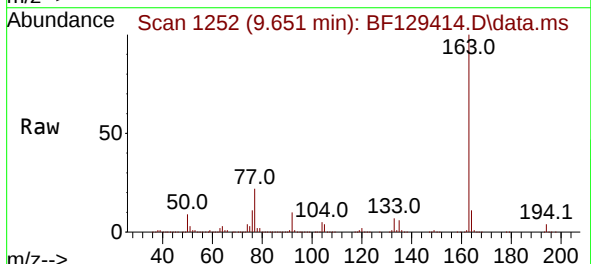
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

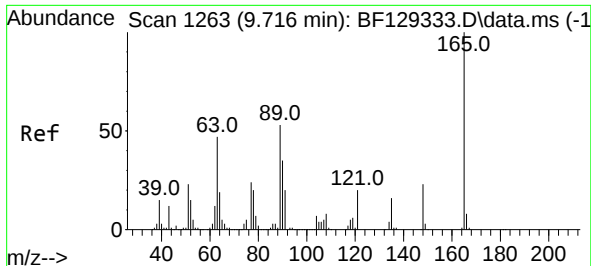
Tgt Ion:152 Resp: 1735025
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 43.605 ng
RT: 9.651 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:163 Resp: 1375138
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.5 8.2 12.2

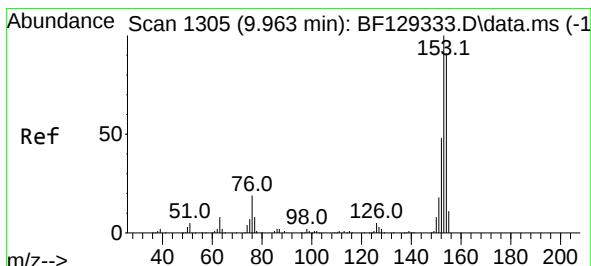
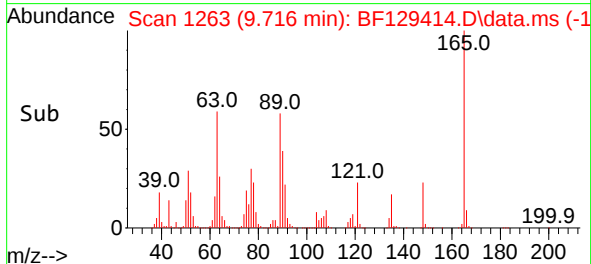
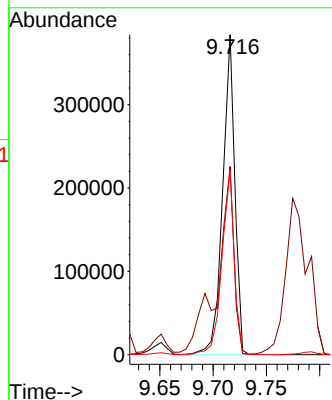
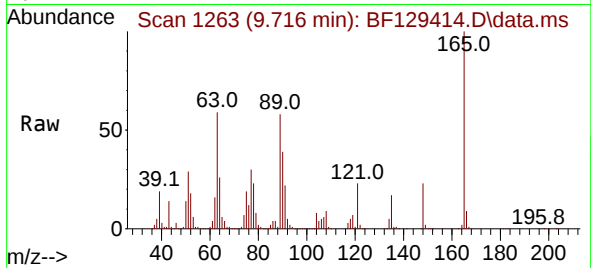




#51
2,6-Dinitrotoluene
Concen: 43.100 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

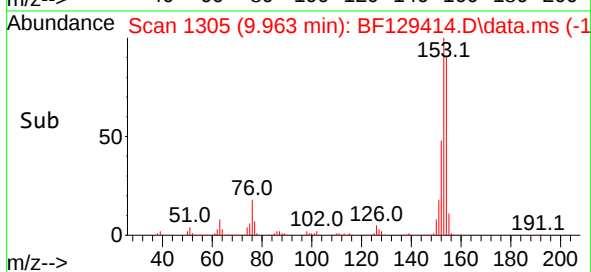
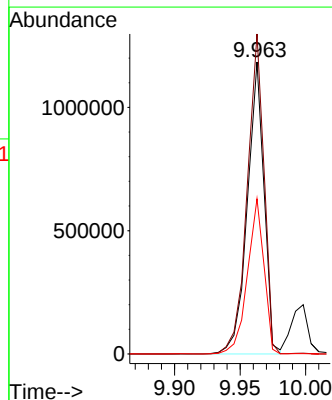
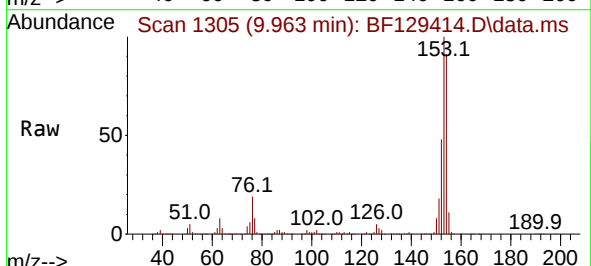
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

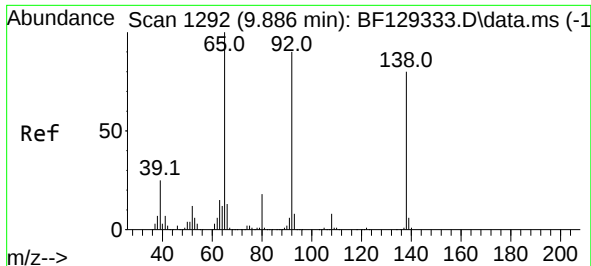
Tgt Ion:165 Resp: 304215
Ion Ratio Lower Upper
165 100
63 58.8 44.9 67.3
89 57.9 43.6 65.4



#52
Acenaphthene
Concen: 39.106 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:154 Resp: 1045997
Ion Ratio Lower Upper
154 100
153 109.6 89.6 134.4
152 53.1 42.4 63.6

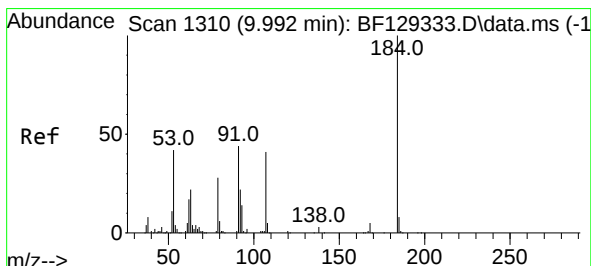
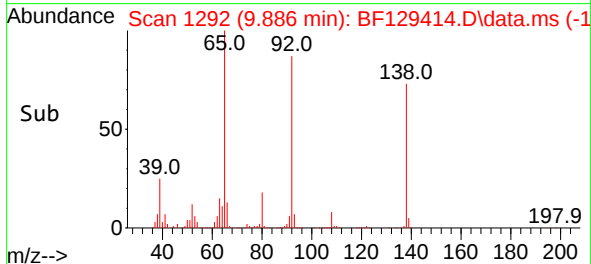
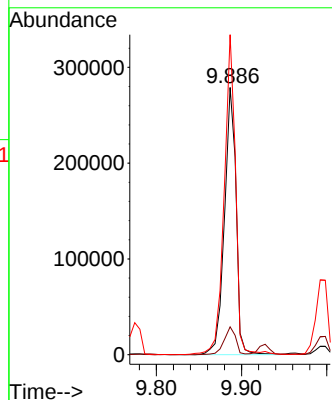
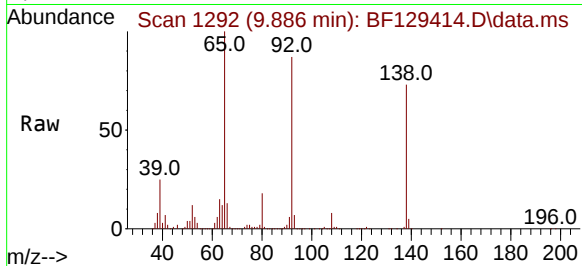




#53
3-Nitroaniline
Concen: 31.652 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

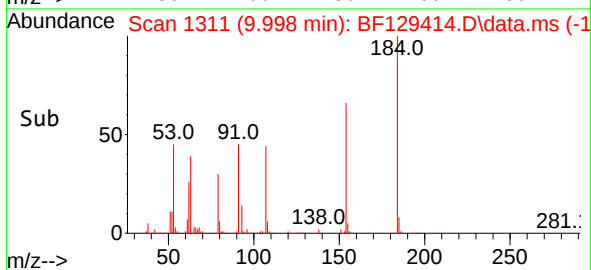
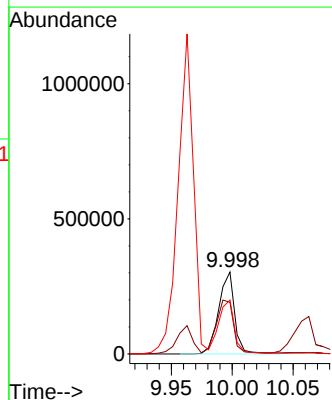
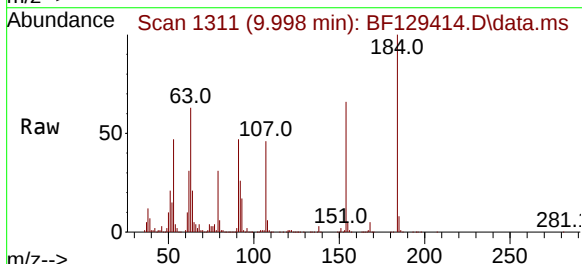
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

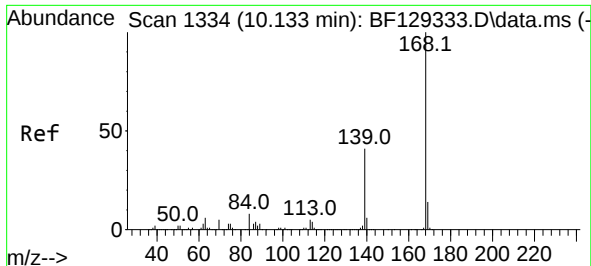
Tgt Ion:138 Resp: 263816
Ion Ratio Lower Upper
138 100
108 10.4 10.9 16.3#
92 119.8 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 77.596 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:184 Resp: 279601
Ion Ratio Lower Upper
184 100
63 63.1 64.5 96.7#
154 65.8 50.6 75.8

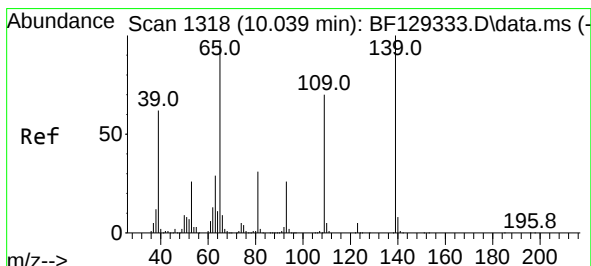
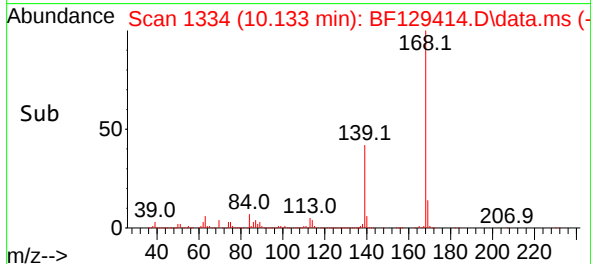
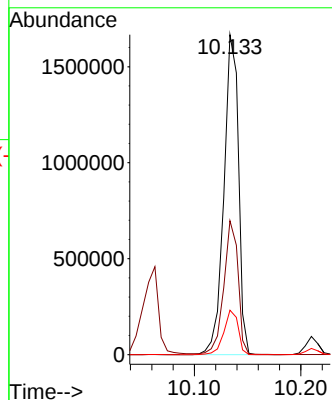
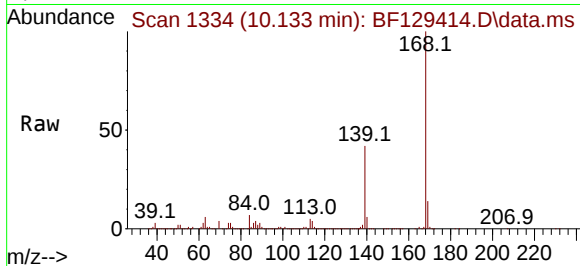




#55
Dibenzofuran
Concen: 42.932 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

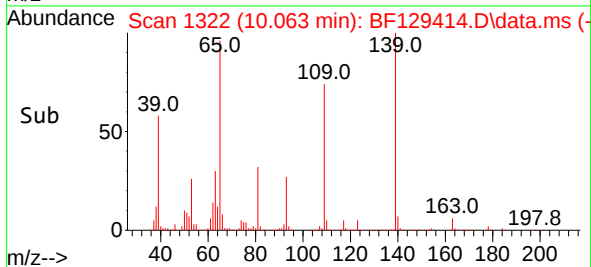
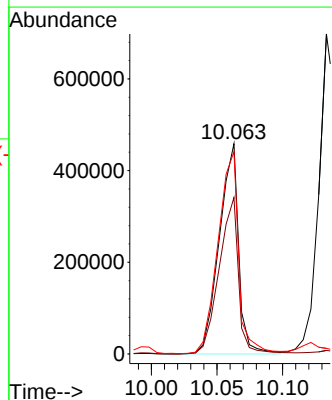
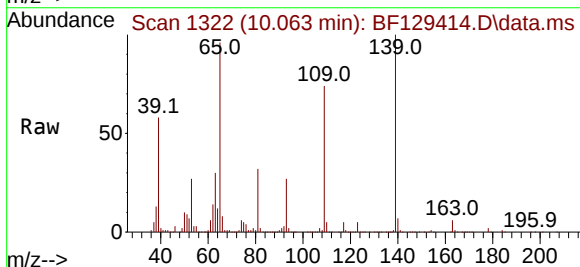
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

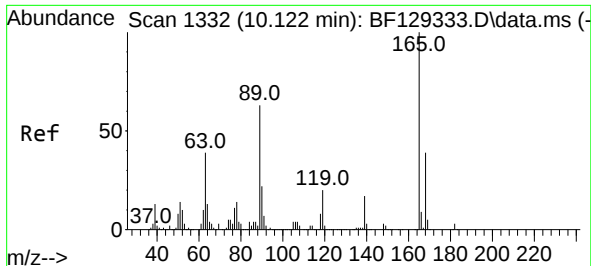
Tgt Ion:168 Resp: 1582987
Ion Ratio Lower Upper
168 100
139 41.9 30.6 46.0
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 76.587 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.024 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:139 Resp: 470932
Ion Ratio Lower Upper
139 100
109 74.4 50.7 90.7
65 96.2 74.5 114.5

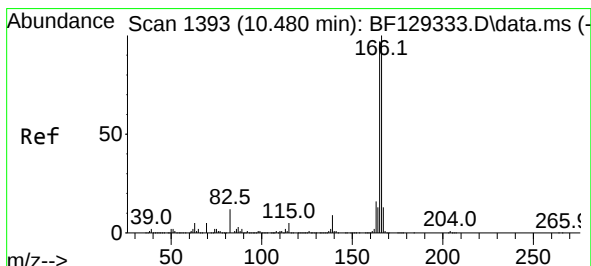
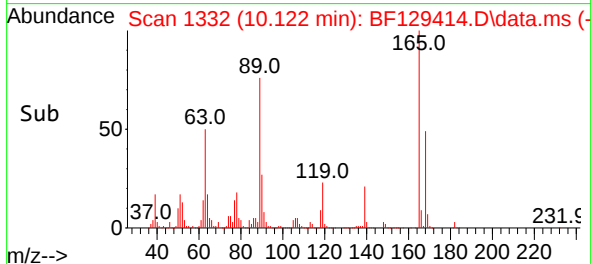
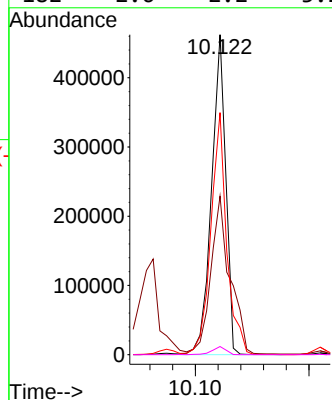
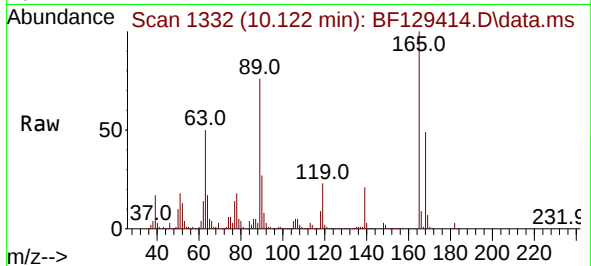




#57
2,4-Dinitrotoluene
Concen: 43.529 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

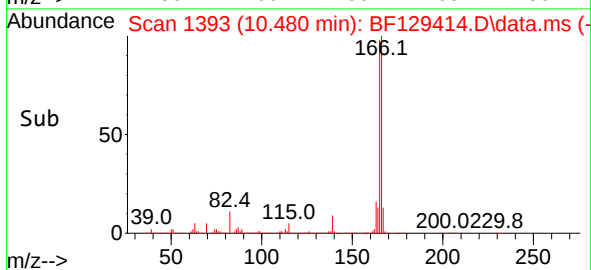
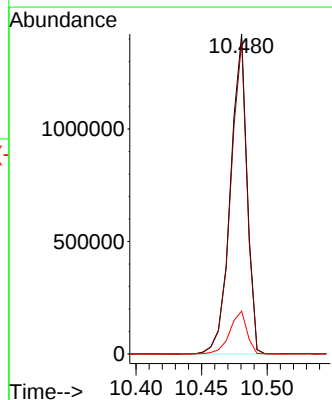
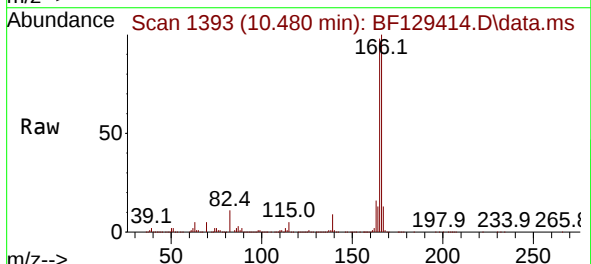
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

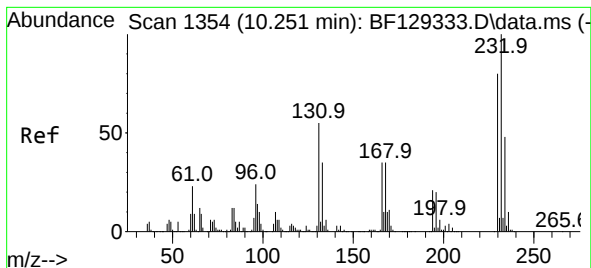
Tgt Ion:165 Resp: 401371
Ion Ratio Lower Upper
165 100
63 49.6 39.8 59.6
89 75.7 60.2 90.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 42.350 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

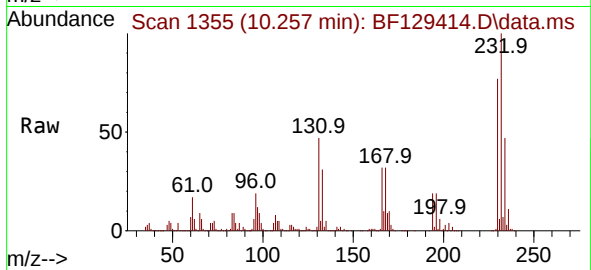
Tgt Ion:166 Resp: 1249426
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.4 10.5 15.7



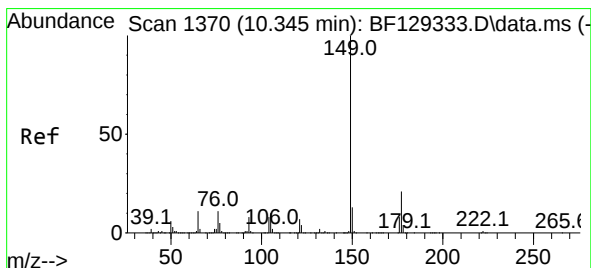
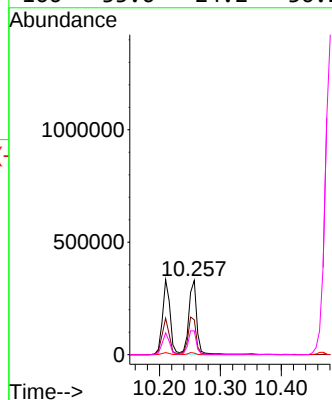
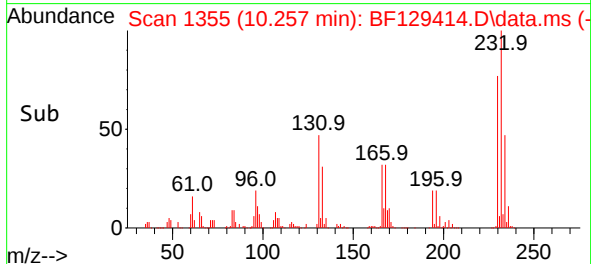


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.175 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

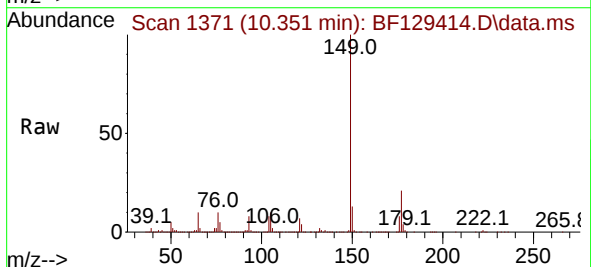
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD



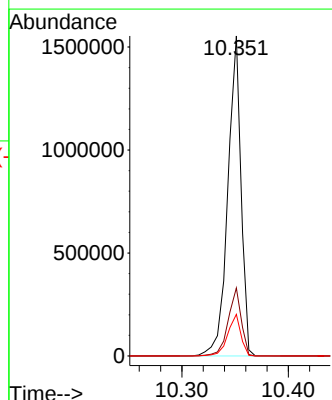
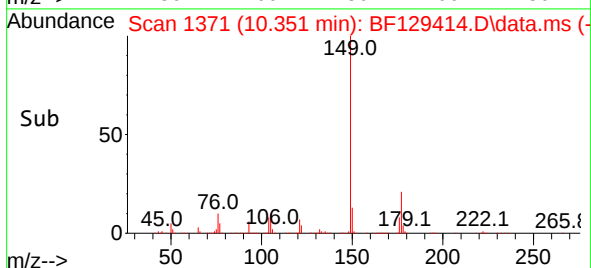
Tgt Ion:232 Resp: 301469
Ion Ratio Lower Upper
232 100
131 51.4 36.1 54.1
130 2.5 1.8 2.8
166 33.6 24.2 36.2

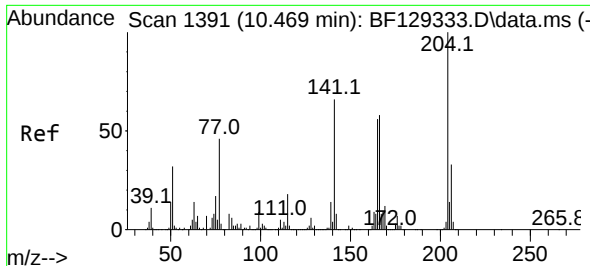


#60
Diethylphthalate
Concen: 43.617 ng
RT: 10.351 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05



Tgt Ion:149 Resp: 1329672
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 13.0 10.2 15.2

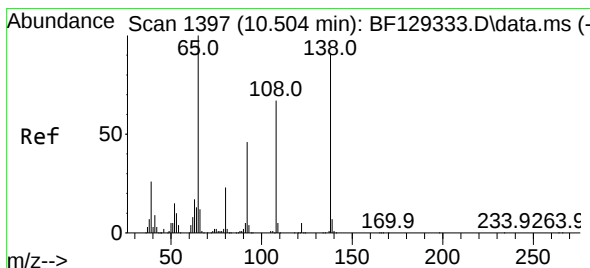
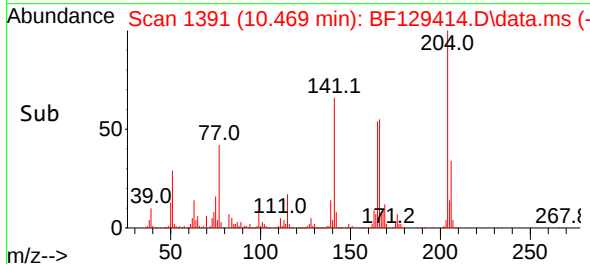
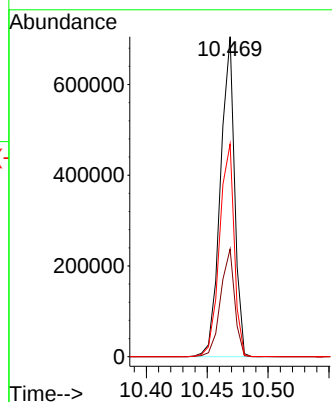
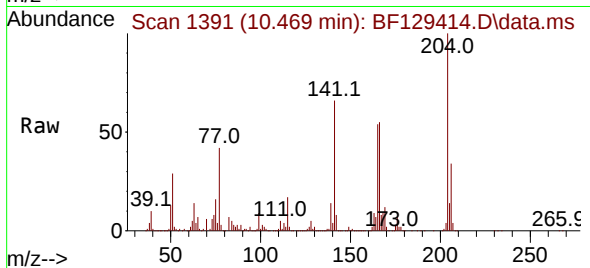




#61
4-Chlorophenyl-phenylether
Concen: 44.000 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

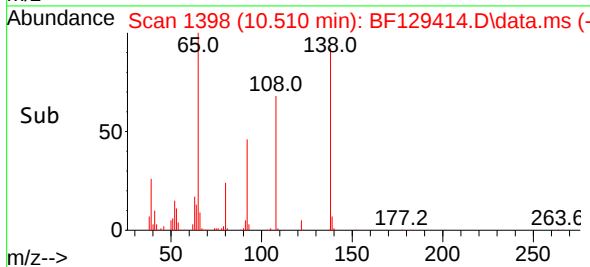
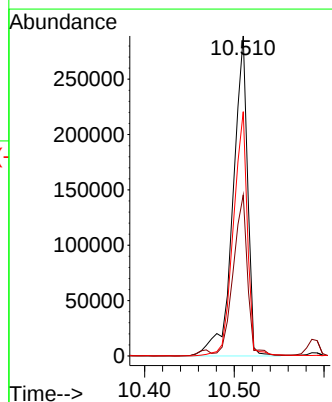
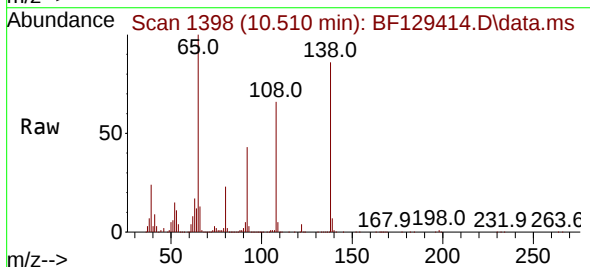
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

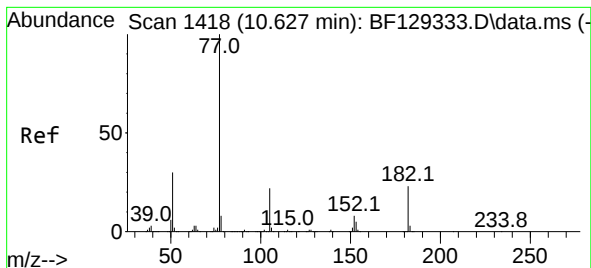
Tgt Ion:204 Resp: 572286
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.6
141 66.5 47.0 70.4



#62
4-Nitroaniline
Concen: 39.516 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:138 Resp: 326729
Ion Ratio Lower Upper
138 100
92 50.3 33.5 73.5
108 76.4 61.0 101.0



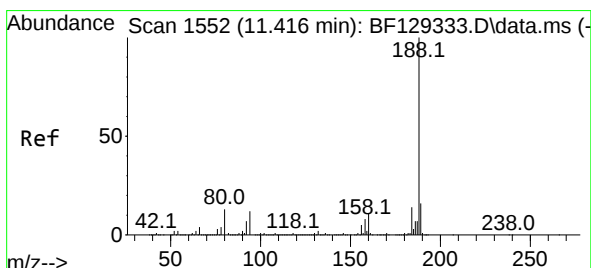
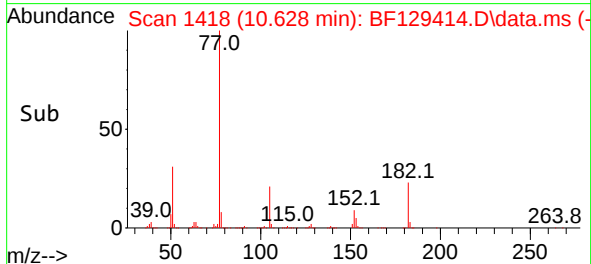
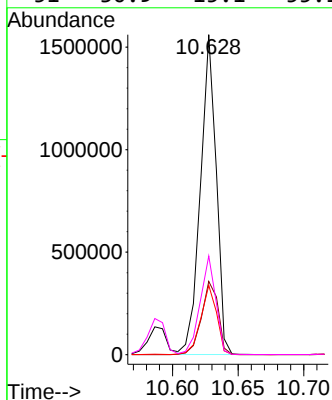
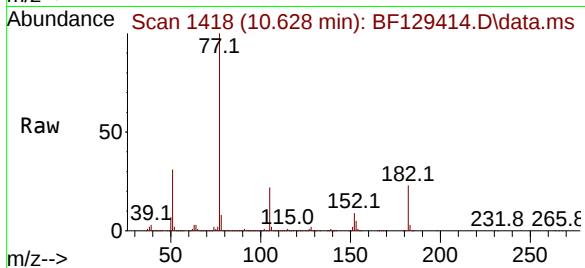


#63
Azobenzene
Concen: 42.133 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

Tgt Ion: 77 Resp: 1310075

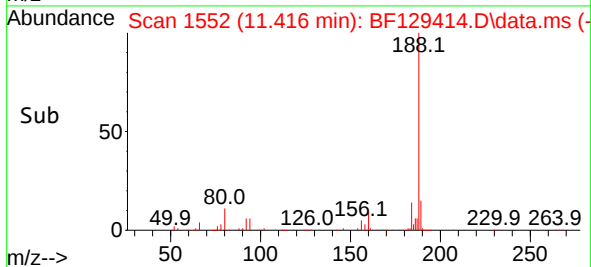
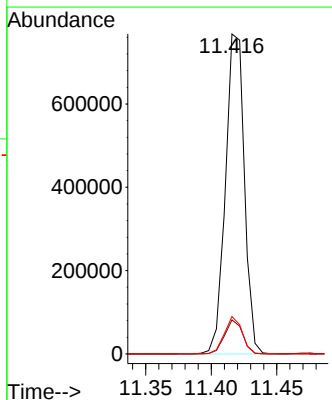
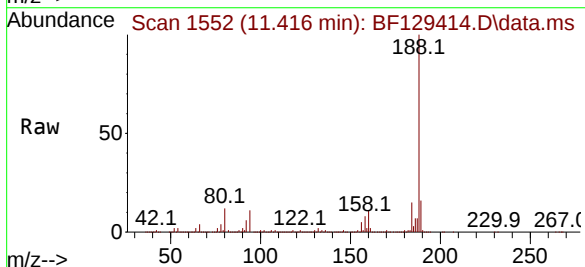
Ion	Ratio	Lower	Upper
77	100		
182	22.9	5.6	45.6
105	21.6	1.6	41.6
51	30.9	15.1	55.1

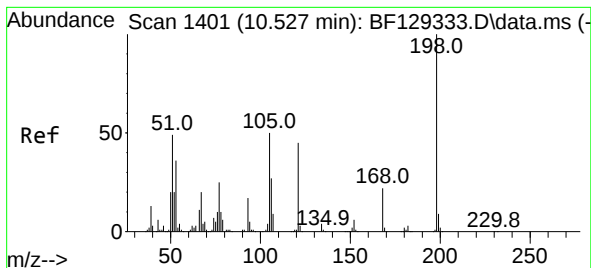


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion: 188 Resp: 771501

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.0	10.6#
80	11.7	7.6	11.4#

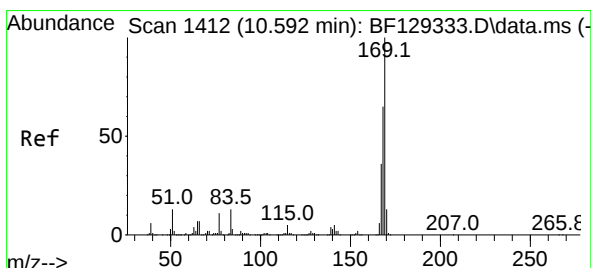
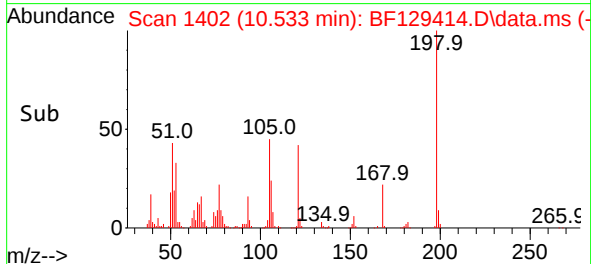
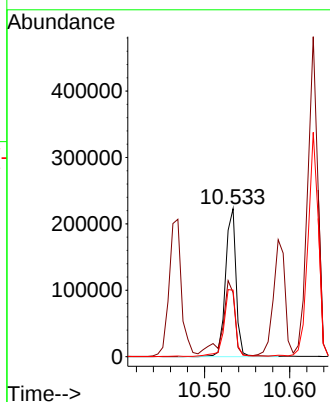
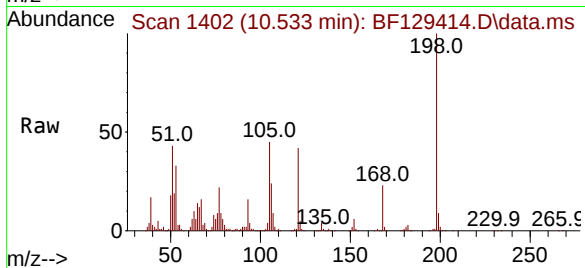




#65
4,6-Dinitro-2-methylphenol
Concen: 39.522 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

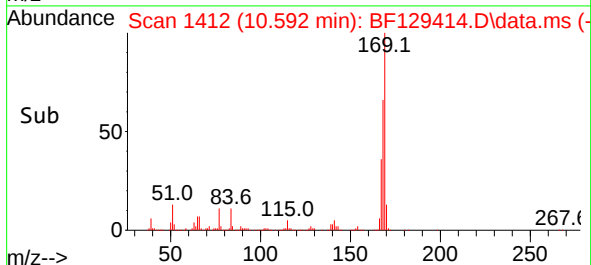
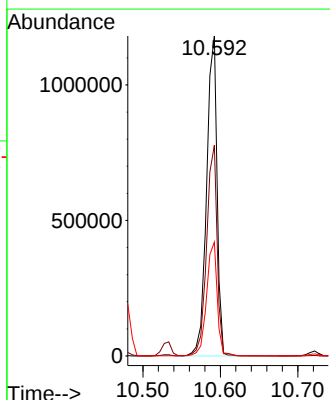
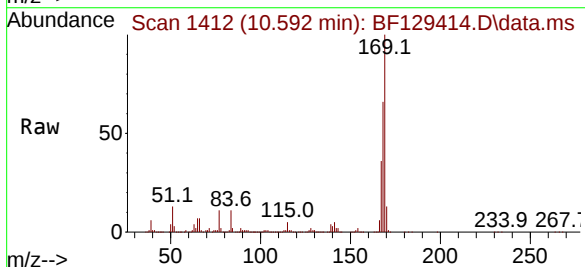
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

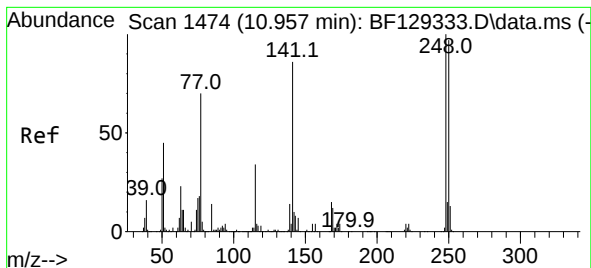
Tgt Ion:198 Resp: 192451
Ion Ratio Lower Upper
198 100
51 43.3 37.6 77.6
105 45.0 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 42.893 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:169 Resp: 1102042
Ion Ratio Lower Upper
169 100
168 65.9 50.1 75.1
167 35.5 27.9 41.9

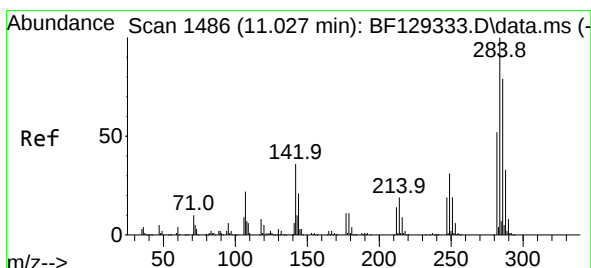
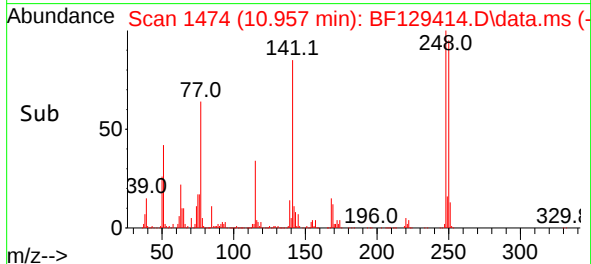
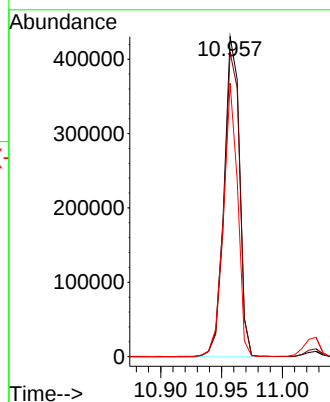
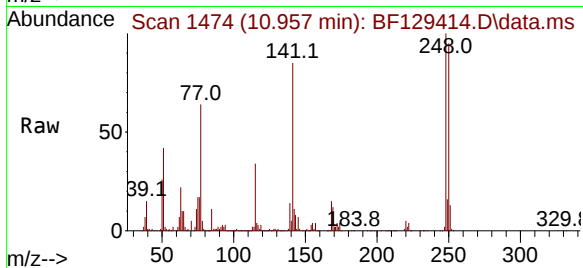




#67
4-Bromophenyl-phenylether
Concen: 45.244 ng
RT: 10.957 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

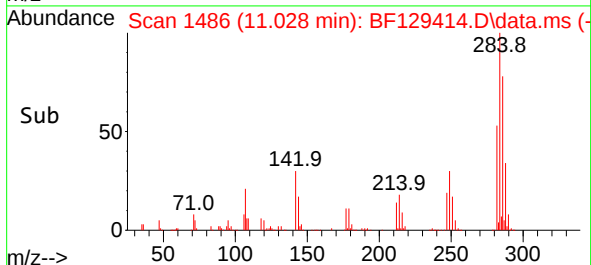
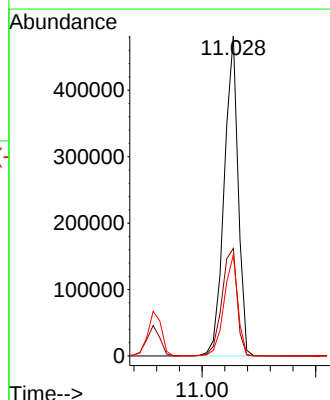
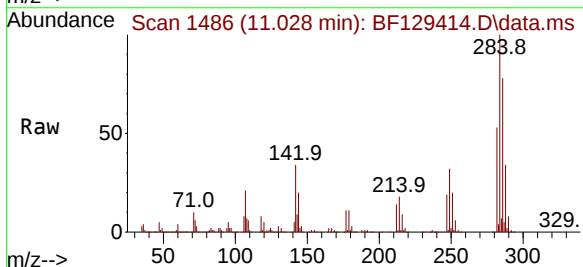
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

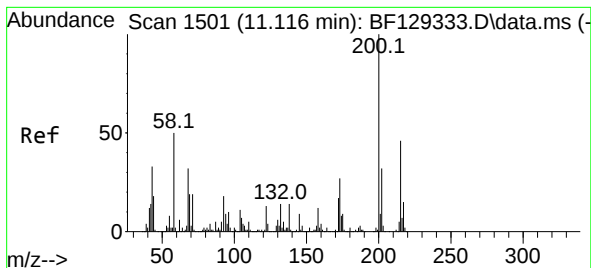
Tgt Ion:248 Resp: 382227
Ion Ratio Lower Upper
248 100
250 95.1 80.6 120.8
141 85.5 58.9 88.3



#68
Hexachlorobenzene
Concen: 44.922 ng
RT: 11.028 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:284 Resp: 411204
Ion Ratio Lower Upper
284 100
142 33.6 29.0 43.4
249 31.6 25.0 37.6





#69

Atrazine

Concen: 47.652 ng

RT: 11.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MSD

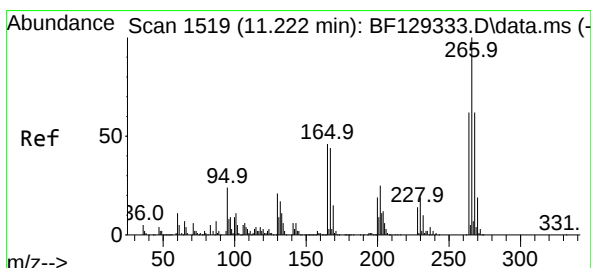
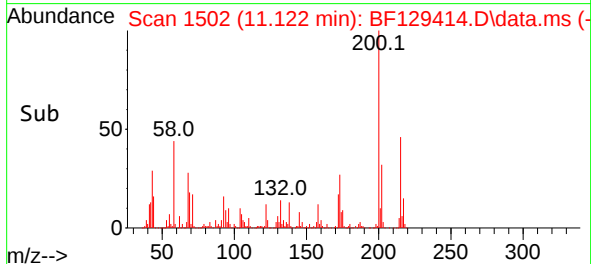
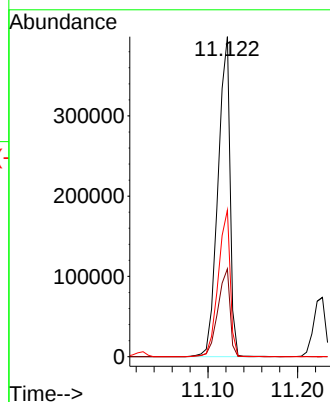
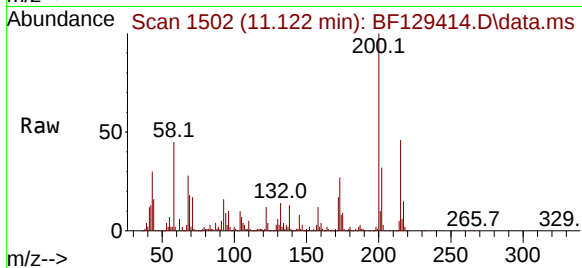
Tgt Ion:200 Resp: 371875

Ion Ratio Lower Upper

200 100

173 27.4 6.3 46.3

215 45.8 28.3 68.3



#70

Pentachlorophenol

Concen: 75.478 ng

RT: 11.227 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

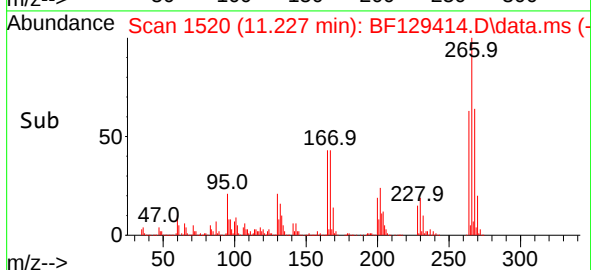
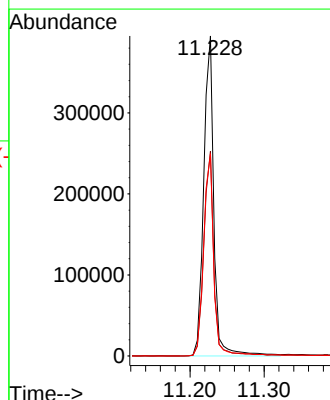
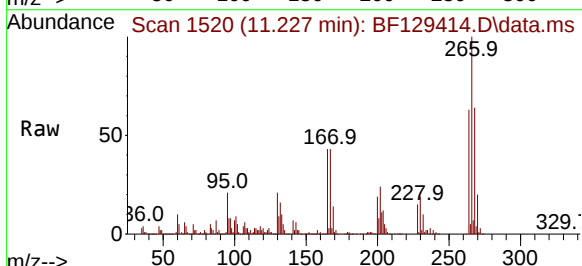
Tgt Ion:266 Resp: 375601

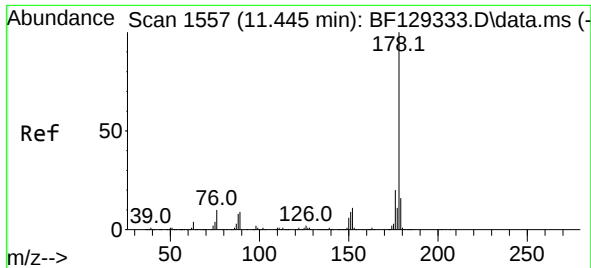
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.4

264 63.2 49.4 74.2

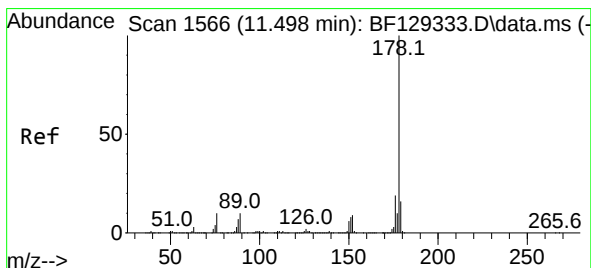
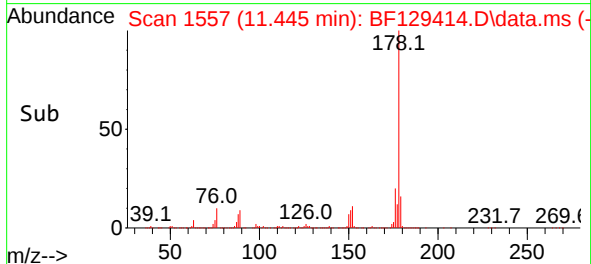
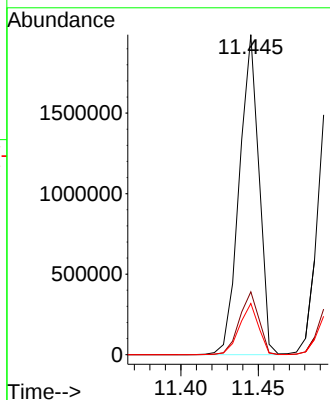
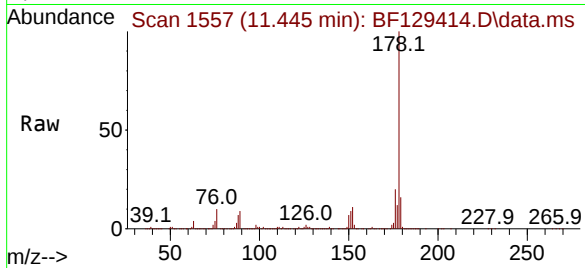




#71
Phenanthrene
Concen: 41.512 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

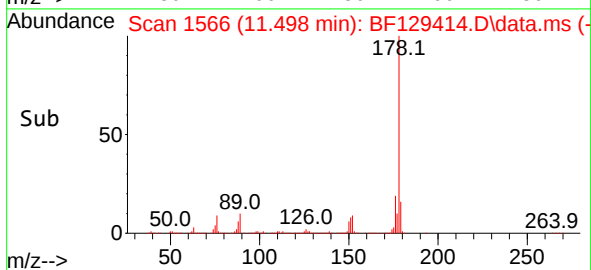
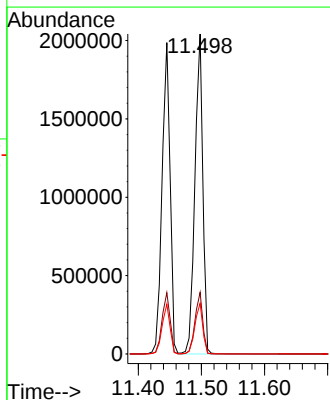
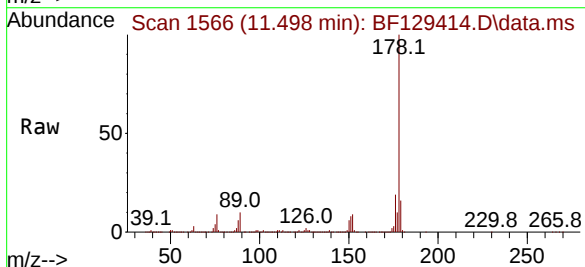
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

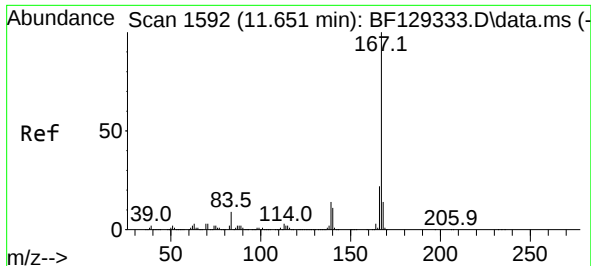
Tgt Ion:178 Resp: 1748264
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 16.0 12.6 19.0



#72
Anthracene
Concen: 42.895 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:178 Resp: 1775268
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.6 19.0

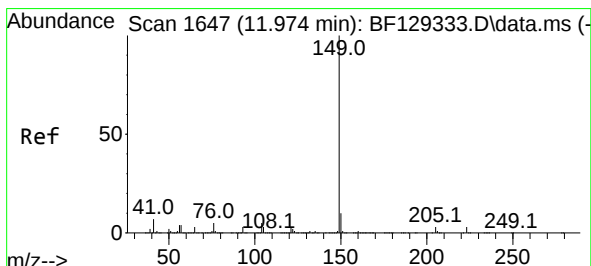
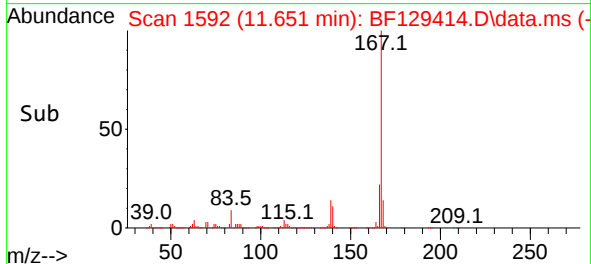
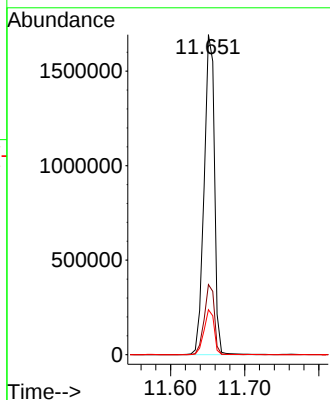
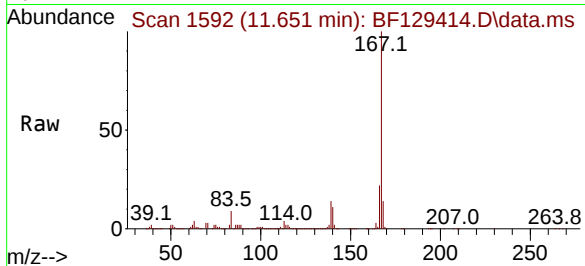




#73
 Carbazole
 Concen: 42.141 ng
 RT: 11.651 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129414.D
 Acq: 28 Jul 2022 18:05

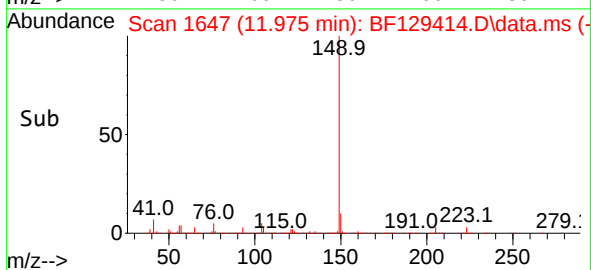
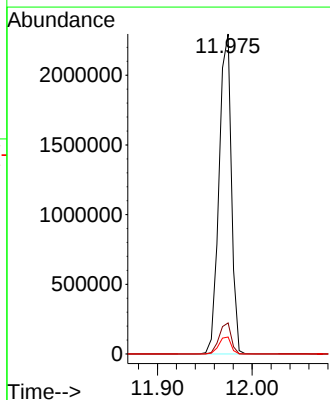
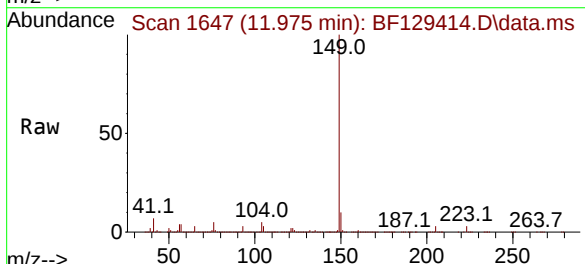
Instrument :
 BNA_F
 ClientSampleId :
 PB-07-27-2022MSD

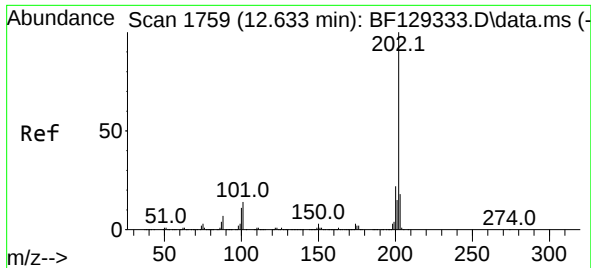
Tgt Ion:167 Resp: 1641769
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.0 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 44.812 ng
 RT: 11.975 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: BF129414.D
 Acq: 28 Jul 2022 18:05

Tgt Ion:149 Resp: 2079066
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.3 4.4 6.6

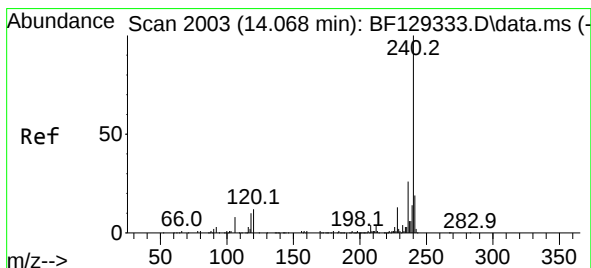
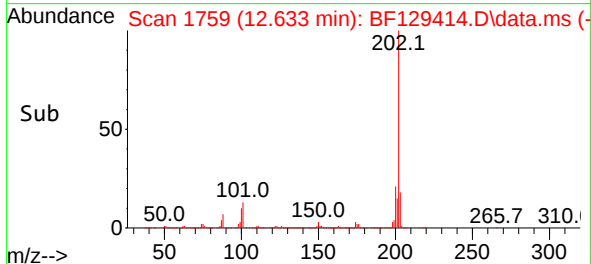
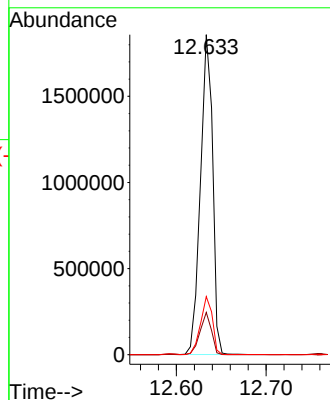
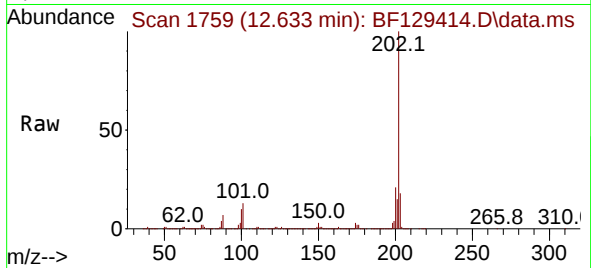




#75
Fluoranthene
Concen: 40.875 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

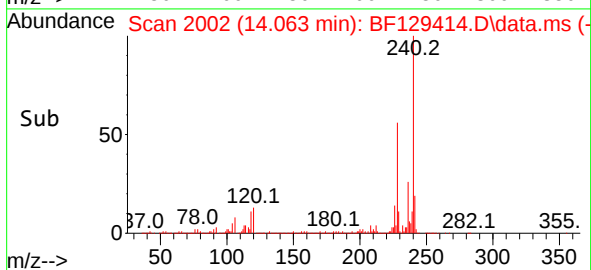
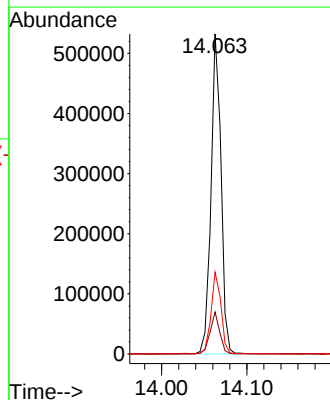
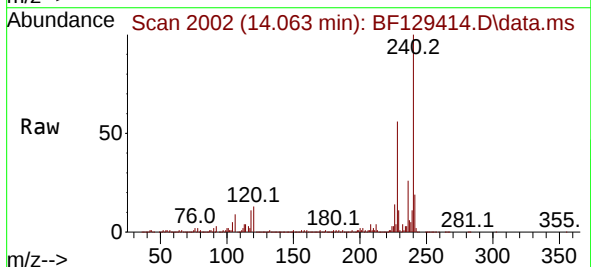
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

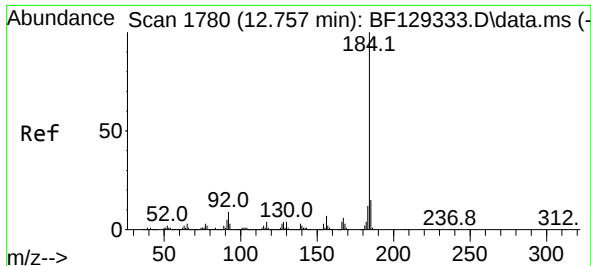
Tgt Ion:202 Resp: 1744201
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:240 Resp: 435298
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 25.6 20.8 31.2

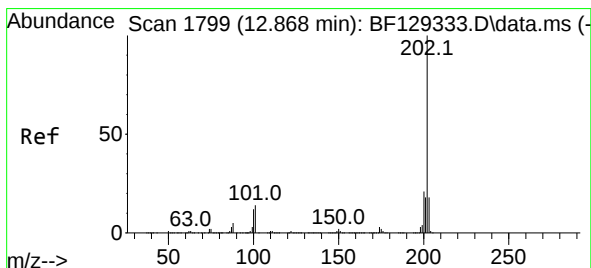
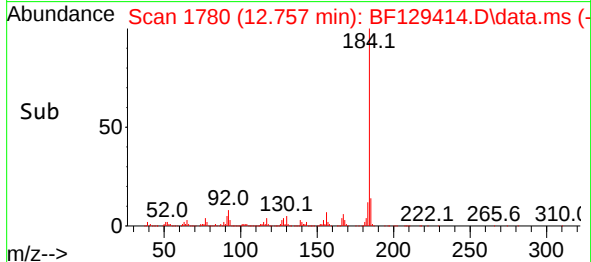
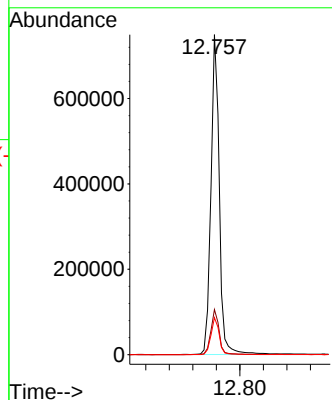
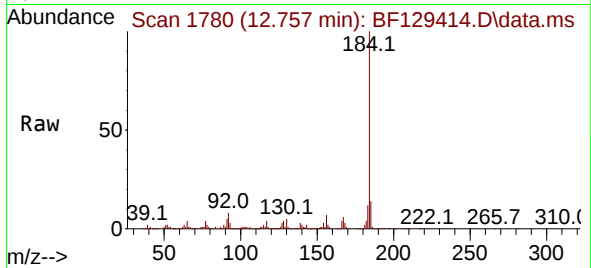




#77
Benzidine
Concen: 47.942 ng
RT: 12.757 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

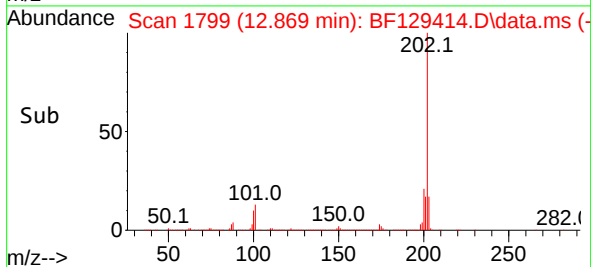
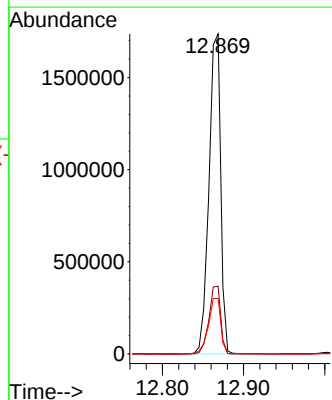
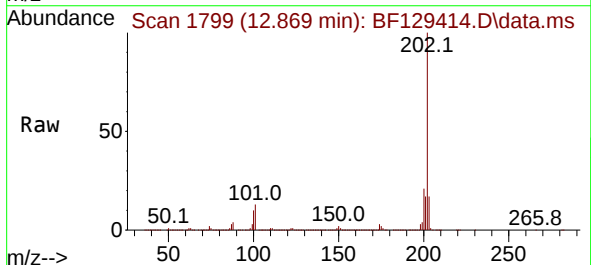
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

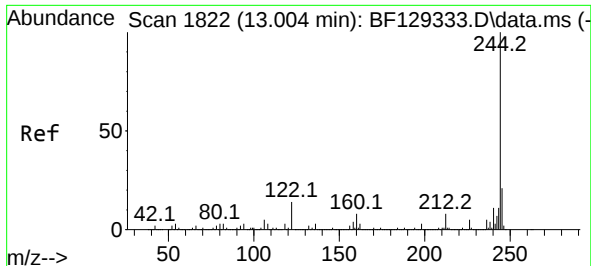
Tgt Ion:184 Resp: 737259
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 11.5 9.3 13.9



#78
Pyrene
Concen: 47.800 ng
RT: 12.869 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:202 Resp: 1739967
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.3 14.6 21.8

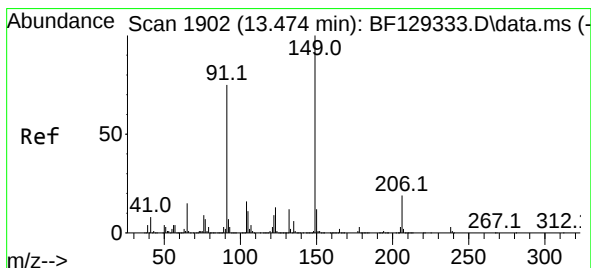
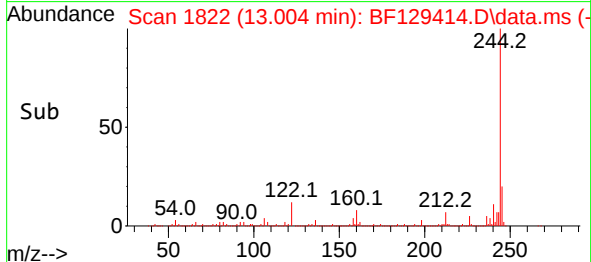
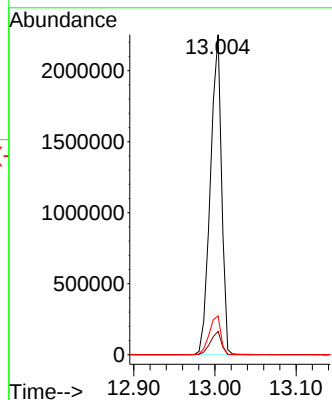
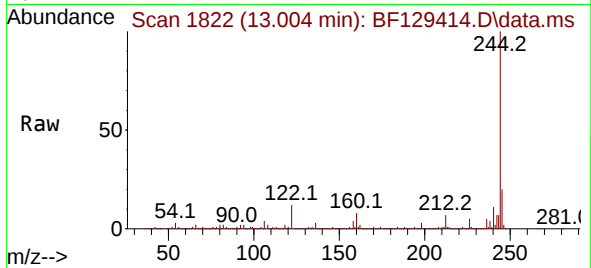




#79
 Terphenyl-d14
 Concen: 93.068 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129414.D
 Acq: 28 Jul 2022 18:05

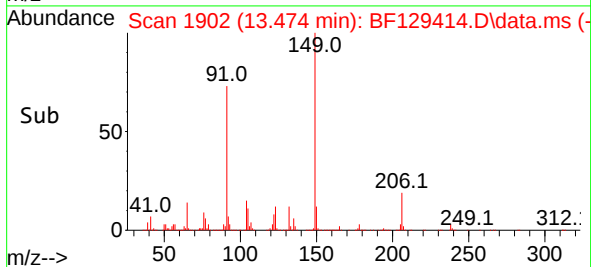
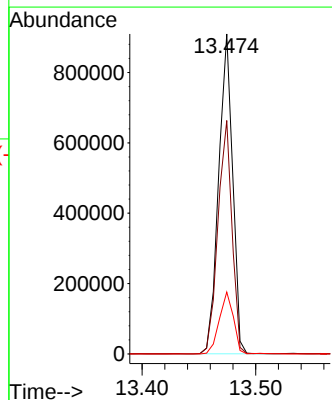
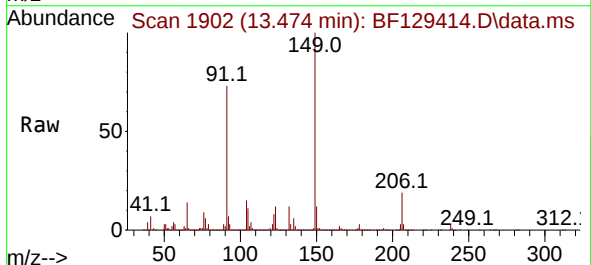
Instrument :
 BNA_F
 ClientSampleId :
 PB-07-27-2022MSD

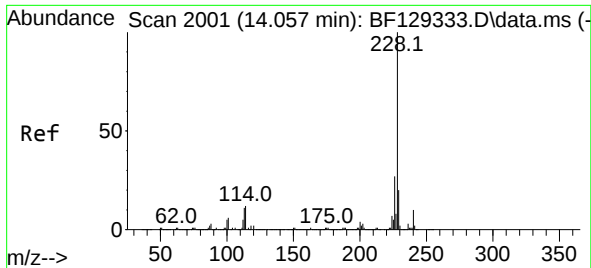
Tgt Ion:244 Resp: 2147395
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 49.430 ng
 RT: 13.474 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: BF129414.D
 Acq: 28 Jul 2022 18:05

Tgt Ion:149 Resp: 780435
 Ion Ratio Lower Upper
 149 100
 91 73.0 61.2 91.8
 206 19.3 15.7 23.5

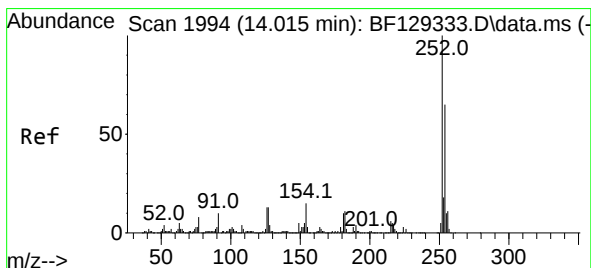
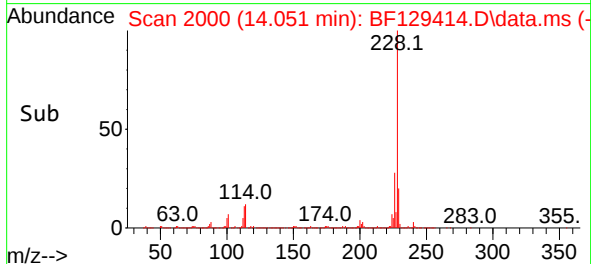
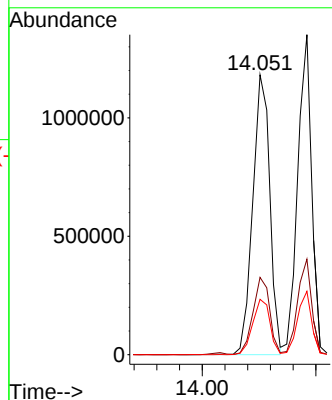
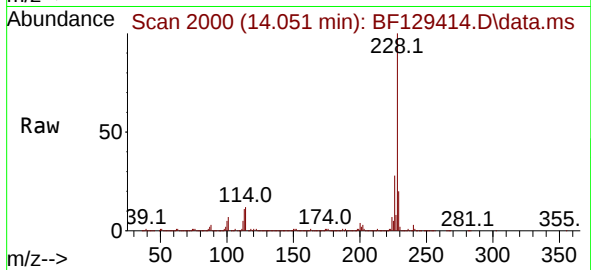




#81
Benzo(a)anthracene
Concen: 41.445 ng
RT: 14.051 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

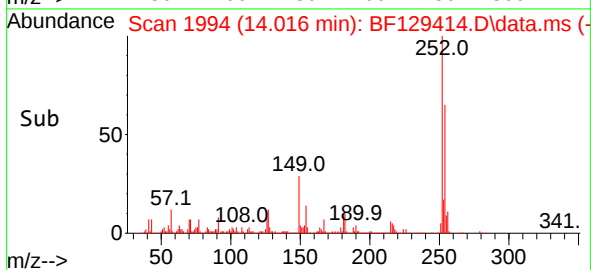
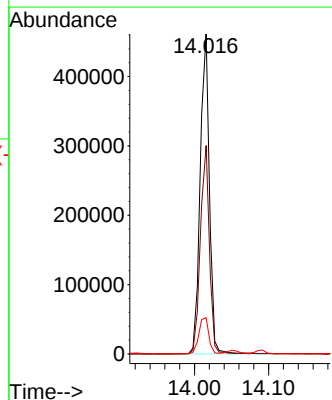
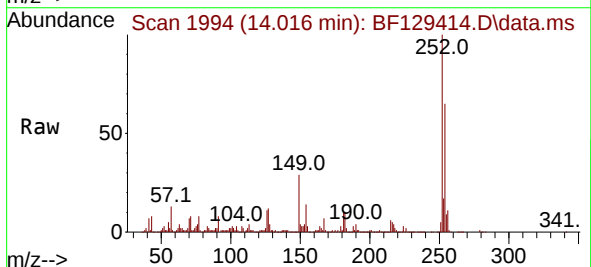
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

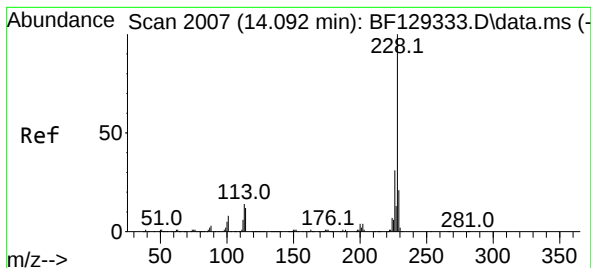
Tgt Ion:228 Resp: 1232381
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 40.477 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:252 Resp: 397391
Ion Ratio Lower Upper
252 100
254 65.1 50.2 75.4
126 11.3 8.2 12.4





#83

Chrysene

Concen: 41.144 ng

RT: 14.092 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MSD

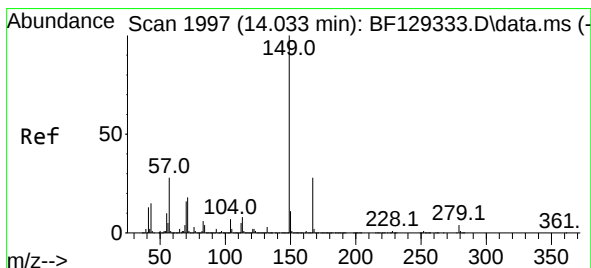
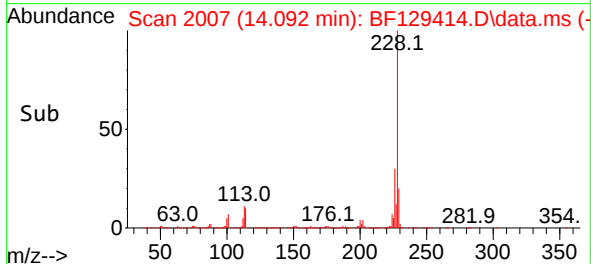
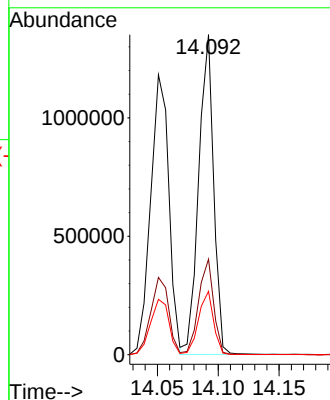
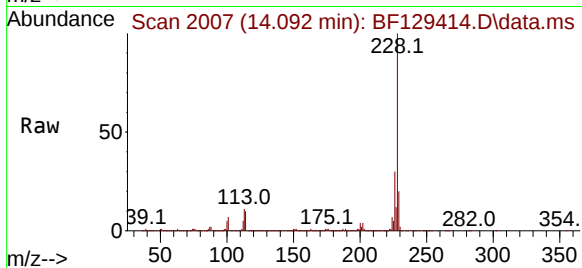
Tgt Ion:228 Resp: 1153038

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.628 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

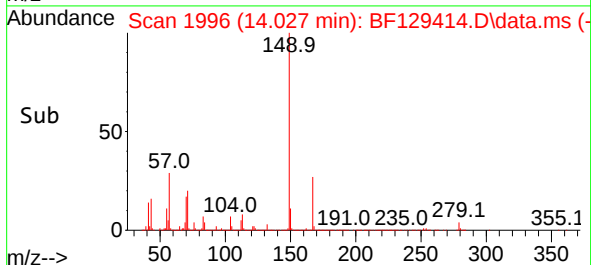
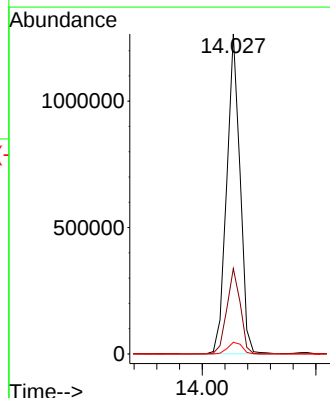
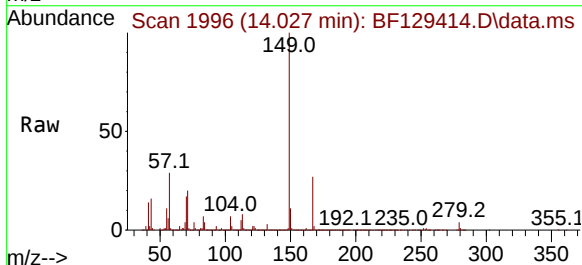
Tgt Ion:149 Resp: 1031592

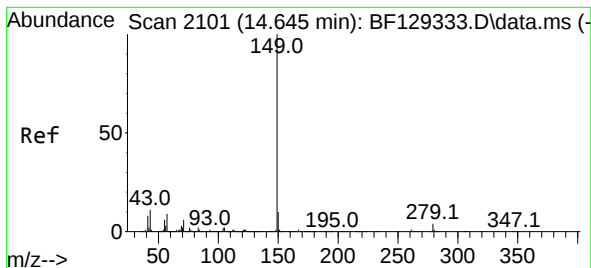
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 48.415 ng

RT: 14.639 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MSD

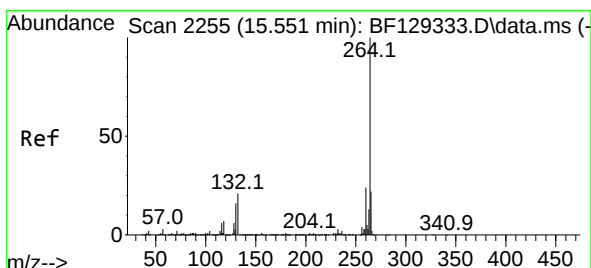
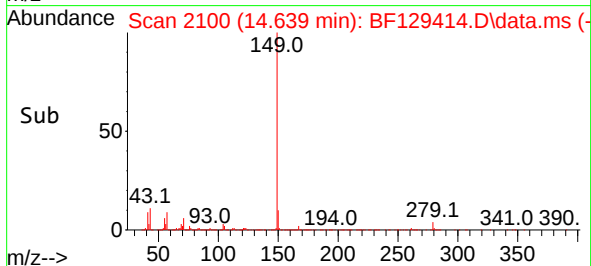
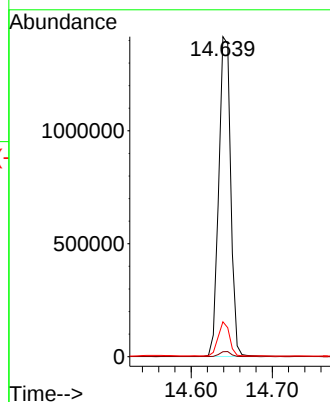
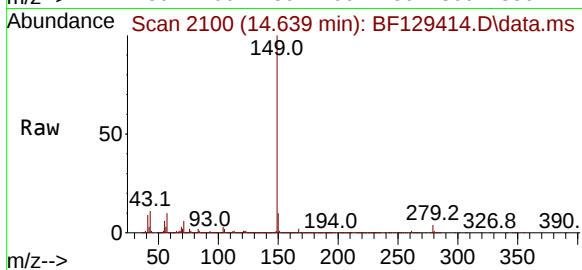
Tgt Ion:149 Resp: 1448210

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.1 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

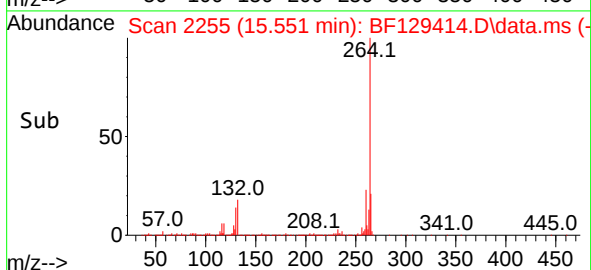
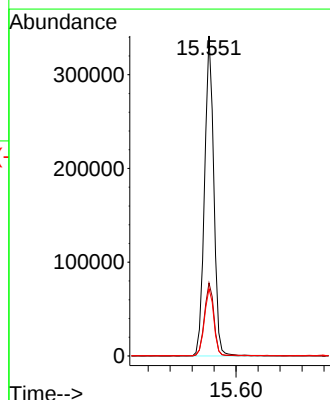
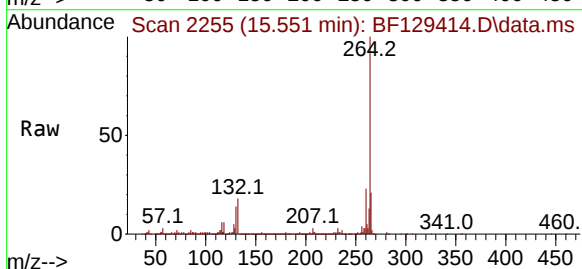
Tgt Ion:264 Resp: 398350

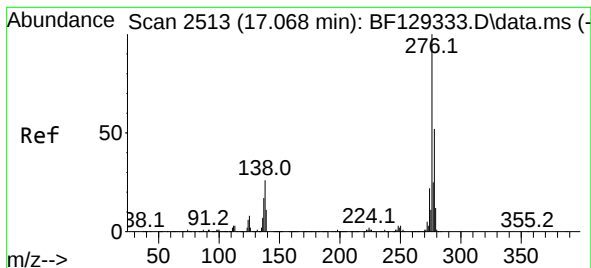
Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.286 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MSD

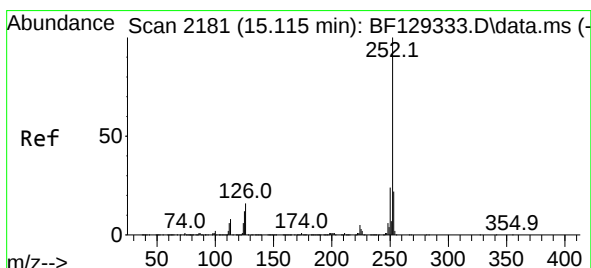
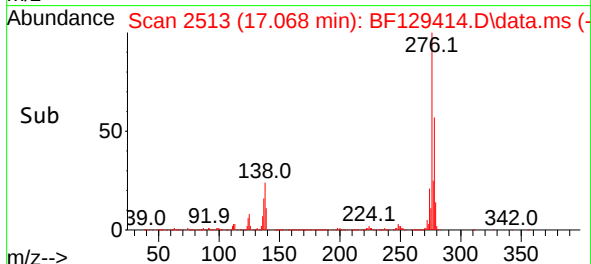
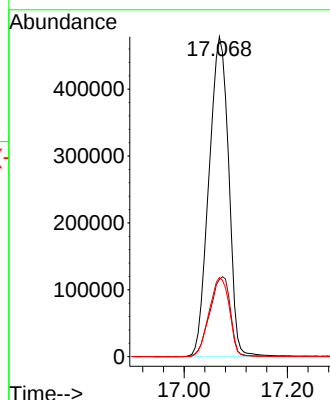
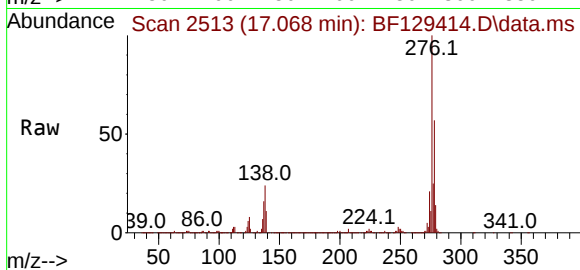
Tgt Ion:276 Resp: 1268473

Ion Ratio Lower Upper

276 100

138 25.9 21.1 31.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 41.972 ng

RT: 15.115 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BF129414.D

Acq: 28 Jul 2022 18:05

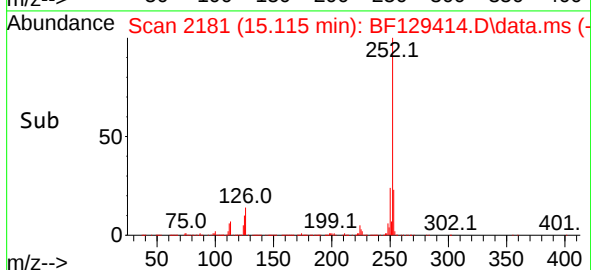
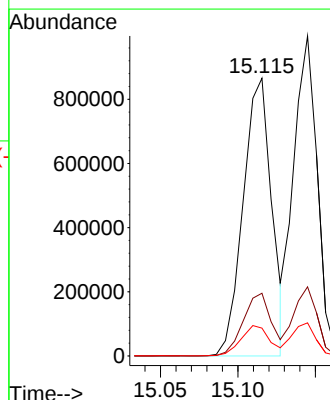
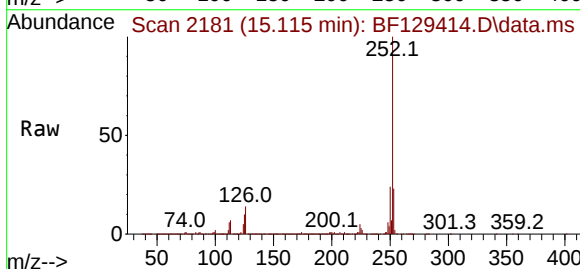
Tgt Ion:252 Resp: 1109072

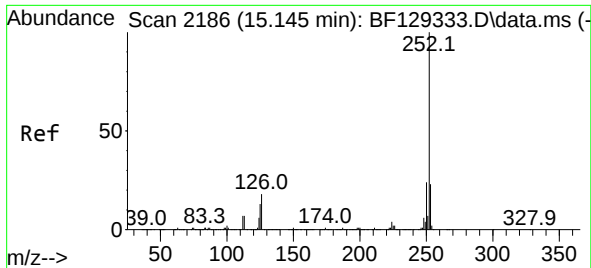
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 10.0 8.0 12.0

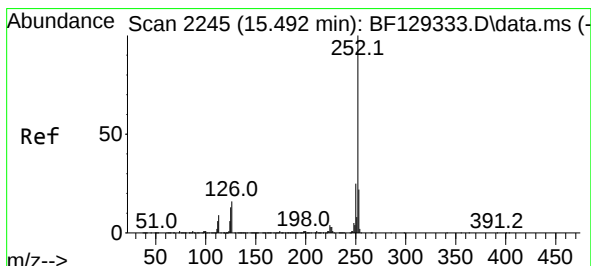
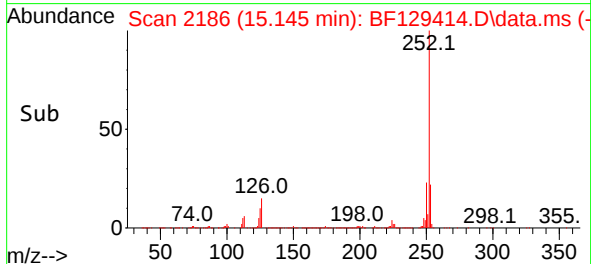
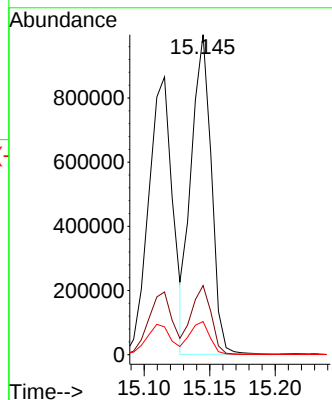
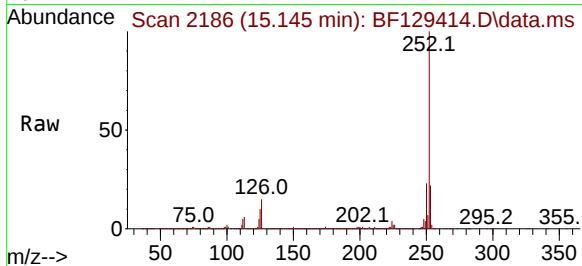




#89
Benzo(k)fluoranthene
Concen: 40.908 ng
RT: 15.145 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

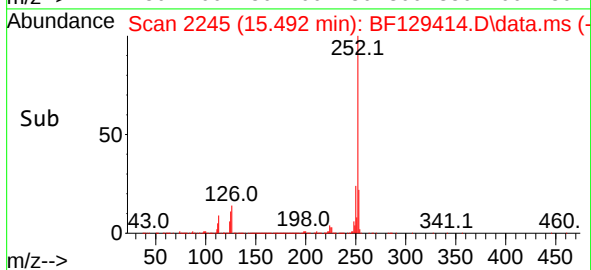
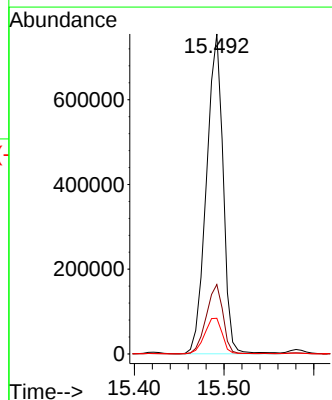
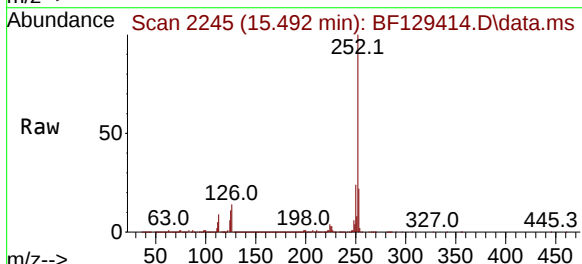
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

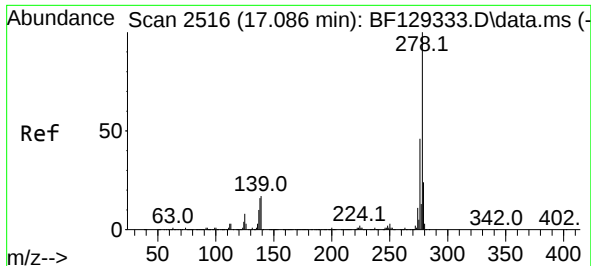
Tgt Ion:252 Resp: 1059294
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 45.387 ng
RT: 15.492 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:252 Resp: 973559
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.2 8.8 13.2

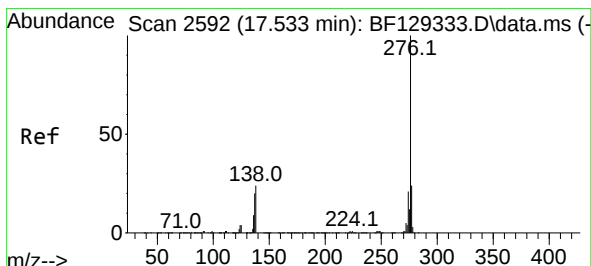
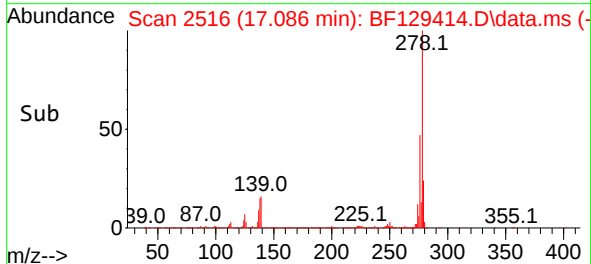
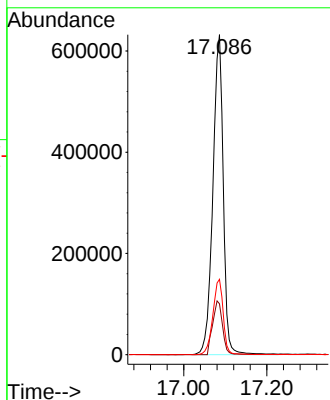
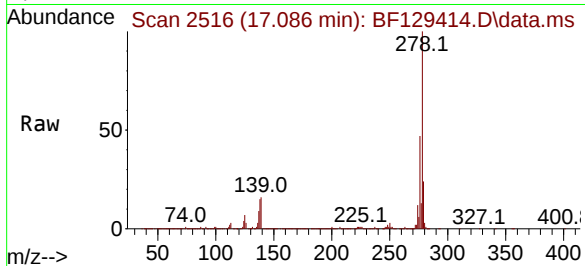




#91
Dibenzo(a,h)anthracene
Concen: 50.202 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MSD

Tgt Ion:278 Resp: 1096077
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 23.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 50.303 ng
RT: 17.533 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BF129414.D
Acq: 28 Jul 2022 18:05

Tgt Ion:276 Resp: 1122252
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 21.8 18.0 27.0

