

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
 Data File : BF129041.D
 Acq On : 29 Jun 2022 17:58
 Operator : CG\JU
 Sample : PB145630BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145630BSD

Quant Time: Jun 29 20:39:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	449773	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1732301	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	898815	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1609972	20.000	ng	0.00
76) Chrysene-d12	14.151	240	1134407	20.000	ng	0.00
86) Perylene-d12	15.674	264	929294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	2312554	86.926	ng	0.01
7) Phenol-d6	6.587	99	2842634	86.033	ng	0.00
23) Nitrobenzene-d5	7.528	82	2559966	88.145	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	872758	89.300	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	4420642	78.682	ng	0.00
79) Terphenyl-d14	13.086	244	4790518	87.695	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.946	88	426280	35.940	ng	88
3) Pyridine	3.728	79	1083093	37.392	ng	87
4) n-Nitrosodimethylamine	3.652	42	601082	45.802	ng	83
6) Aniline	6.628	93	1460215	39.516	ng	97
8) 2-Chlorophenol	6.745	128	1328206	47.520	ng	97
9) Benzaldehyde	6.516	77	611975	40.024	ng	99
10) Phenol	6.604	94	1607729	48.026	ng	88
11) bis(2-Chloroethyl)ether	6.693	93	1259534	47.536	ng	93
12) 1,3-Dichlorobenzene	6.898	146	1389493	45.159	ng	98
13) 1,4-Dichlorobenzene	6.975	146	1409657	45.422	ng	100
14) 1,2-Dichlorobenzene	7.128	146	1363827	46.748	ng	99
15) Benzyl Alcohol	7.104	79	1088308	46.826	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	1744670	46.101	ng	93
17) 2-Methylphenol	7.210	107	1072781	47.167	ng	97
18) Hexachloroethane	7.475	117	510802	46.882	ng	95
19) n-Nitroso-di-n-propyla...	7.381	70	907505	47.480	ng	88
20) 3+4-Methylphenols	7.363	107	1324480	45.793	ng	95
22) Acetophenone	7.375	105	1768826	44.511	ng	# 94
24) Nitrobenzene	7.545	77	1320644	46.997	ng	94
25) Isophorone	7.793	82	2458694	50.092	ng	96
26) 2-Nitrophenol	7.857	139	677539	51.879	ng	90
27) 2,4-Dimethylphenol	7.892	122	1235532	52.401	ng	96
28) bis(2-Chloroethoxy)met...	7.992	93	1531285	45.426	ng	98
29) 2,4-Dichlorophenol	8.098	162	1094686	45.519	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	1163586	43.968	ng	96
31) Naphthalene	8.269	128	3554686	45.201	ng	97
32) Benzoic acid	8.022	122	872991	46.148	ng	95
33) 4-Chloroaniline	8.310	127	728318	22.984	ng	96
34) Hexachlorobutadiene	8.381	225	696424	44.072	ng	99
35) Caprolactam	8.710	113	190370	24.963	ng	# 74
36) 4-Chloro-3-methylphenol	8.792	107	1135260	46.461	ng	92
37) 2-Methylnaphthalene	8.957	142	2428784	45.897	ng	99
38) 1-Methylnaphthalene	9.057	142	2308775	44.927	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	1108140	43.862	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1428409	107.111	ng	98
43) 2,4,6-Trichlorophenol	9.234	196	811353	47.148	ng	98

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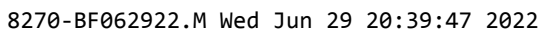
Instrument :
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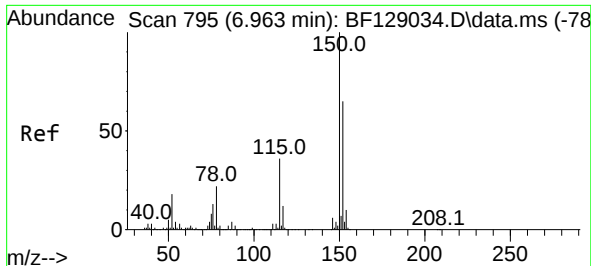
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	817166	44.643	ng	98
46) 1,1'-Biphenyl	9.422	154	2878360	44.544	ng	96
47) 2-Chloronaphthalene	9.451	162	2215497	44.398	ng	98
48) 2-Nitroaniline	9.545	65	659781	50.201	ng	85
49) Acenaphthylene	9.869	152	3577698	47.184	ng	95
50) Dimethylphthalate	9.728	163	2560891	45.543	ng	99
51) 2,6-Dinitrotoluene	9.786	165	594766	51.763	ng	98
52) Acenaphthene	10.039	154	2432762	49.256	ng	98
53) 3-Nitroaniline	9.957	138	451856	32.977	ng #	91
54) 2,4-Dinitrophenol	10.063	184	564765	89.956	ng #	87
55) Dibenzofuran	10.216	168	3144266	43.720	ng	99
56) 4-Nitrophenol	10.116	139	1101297	98.369	ng	95
57) 2,4-Dinitrotoluene	10.192	165	764984	53.929	ng	94
58) Fluorene	10.557	166	2466049	44.330	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.328	232	685347	45.194	ng	99
60) Diethylphthalate	10.428	149	2543282	45.138	ng	96
61) 4-Chlorophenyl-phenyle...	10.545	204	1220301	44.027	ng	98
62) 4-Nitroaniline	10.581	138	645351	47.496	ng	90
63) Azobenzene	10.704	77	2448970	44.363	ng	95
65) 4,6-Dinitro-2-methylph...	10.598	198	338534	47.529	ng	93
66) n-Nitrosodiphenylamine	10.669	169	2213416	45.268	ng	95
67) 4-Bromophenyl-phenylether	11.039	248	781006	45.604	ng	95
68) Hexachlorobenzene	11.104	284	873198	45.789	ng	97
69) Atrazine	11.198	200	739656	53.758	ng	98
70) Pentachlorophenol	11.298	266	1028535	90.553	ng	99
71) Phenanthrene	11.522	178	3374446	43.867	ng	95
72) Anthracene	11.575	178	3470517	45.760	ng	95
73) Carbazole	11.728	167	3295833	43.368	ng	98
74) Di-n-butylphthalate	12.051	149	3656881	45.638	ng	97
75) Fluoranthene	12.716	202	3613760	44.920	ng	93
77) Benzidine	12.833	184	1647544	81.563	ng	98
78) Pyrene	12.951	202	3610229	45.913	ng	96
80) Butylbenzylphthalate	13.563	149	1568207	48.955	ng	88
81) Benzo(a)anthracene	14.139	228	3177214	45.870	ng	96
82) 3,3'-Dichlorobenzidine	14.098	252	670925	44.829	ng #	97
83) Chrysene	14.180	228	2807640	43.663	ng	96
84) Bis(2-ethylhexyl)phtha...	14.116	149	2088930	49.068	ng	95
85) Di-n-octyl phthalate	14.739	149	3102657	49.369	ng	96
87) Indeno(1,2,3-cd)pyrene	17.239	276	2612249	45.832	ng	99
88) Benzo(b)fluoranthene	15.221	252	2745002	49.116	ng	98
89) Benzo(k)fluoranthene	15.257	252	2686676	49.564	ng	99
90) Benzo(a)pyrene	15.610	252	2566546	56.333	ng	96
91) Dibenzo(a,h)anthracene	17.257	278	2261708	48.678	ng	96
92) Benzo(g,h,i)perylene	17.715	276	2252022	48.311	ng	98

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

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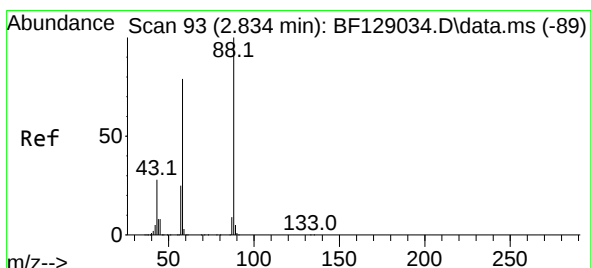
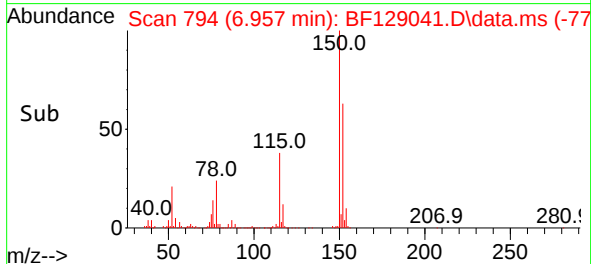
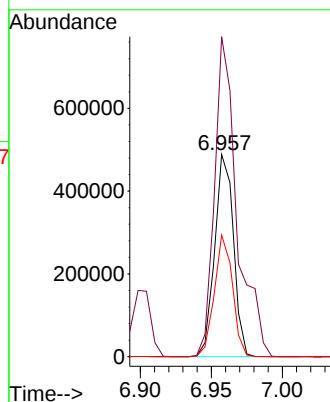
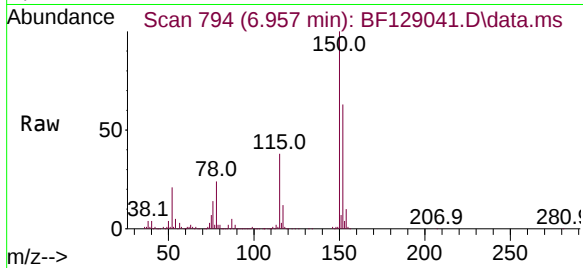




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129041.D
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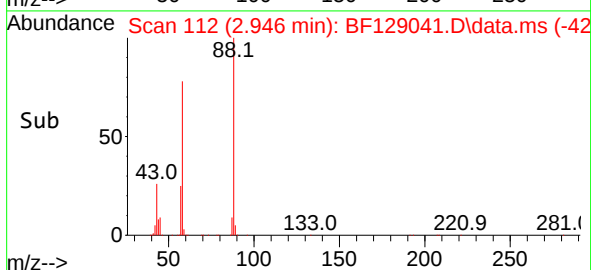
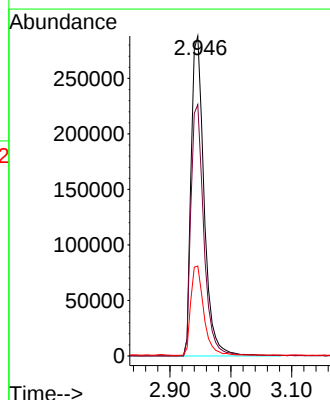
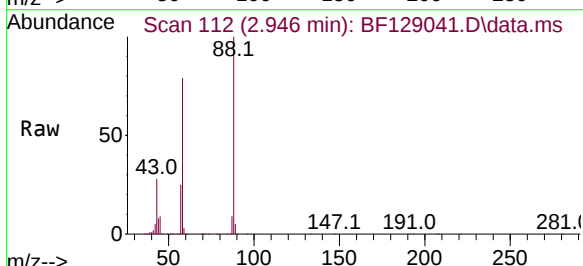
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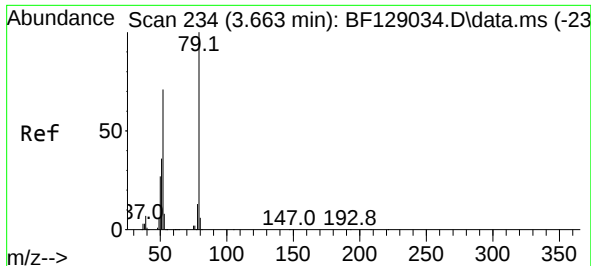
Tgt Ion:152 Resp: 449773
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.7 185.5
 115 60.1 49.9 74.9



#2
 1,4-Dioxane
 Concen: 35.940 ng
 RT: 2.946 min Scan# 112
 Delta R.T. 0.112 min
 Lab File: BF129041.D
 Acq: 29 Jun 2022 17:58

Tgt Ion: 88 Resp: 426280
 Ion Ratio Lower Upper
 88 100
 58 78.2 71.8 107.8
 43 27.9 26.6 39.8

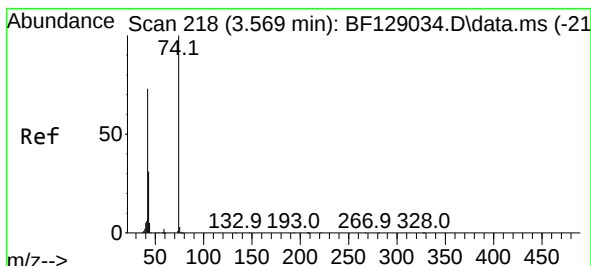
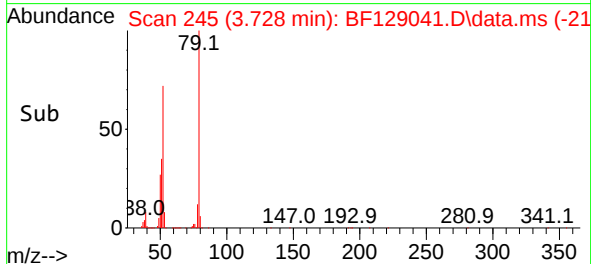
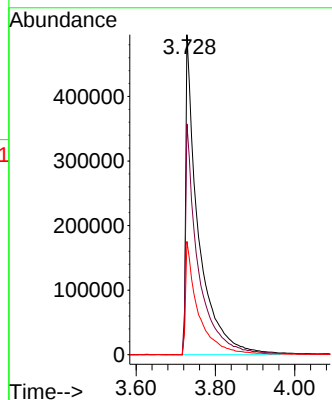
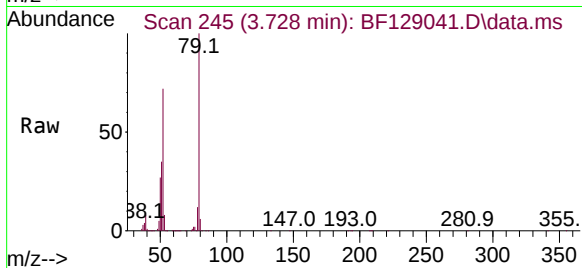




#3
 Pyridine
 Concen: 37.392 ng
 RT: 3.728 min Scan# 24
 Delta R.T. 0.065 min
 Lab File: BF129041.D
 Acq: 29 Jun 2022 17:58

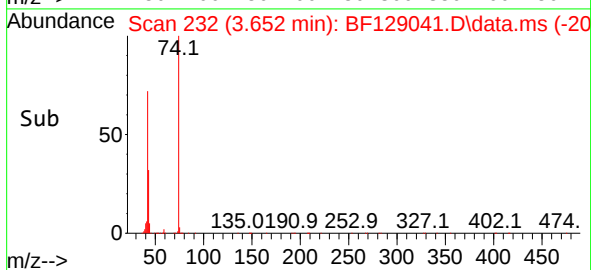
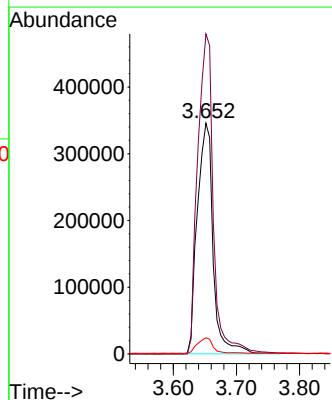
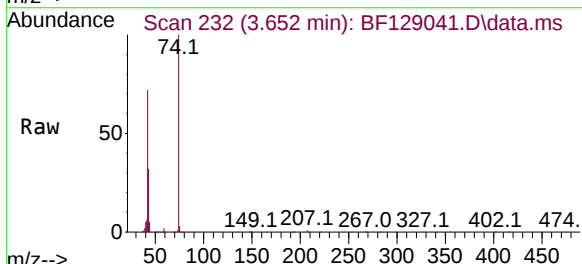
Instrument :
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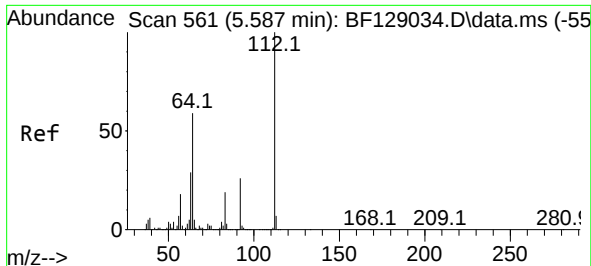
Tgt Ion: 79 Resp: 1083093
 Ion Ratio Lower Upper
 79 100
 52 72.2 68.6 102.8
 51 35.4 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 45.802 ng
 RT: 3.652 min Scan# 232
 Delta R.T. 0.082 min
 Lab File: BF129041.D
 Acq: 29 Jun 2022 17:58

Tgt Ion: 42 Resp: 601082
 Ion Ratio Lower Upper
 42 100
 74 138.7 94.8 142.2
 44 7.0 6.6 10.0

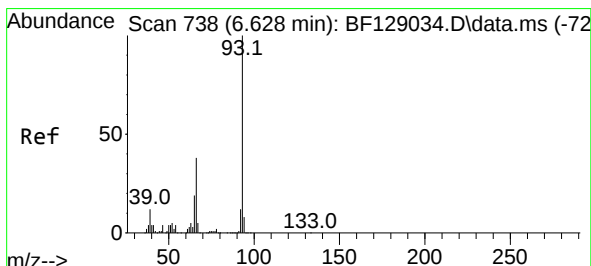
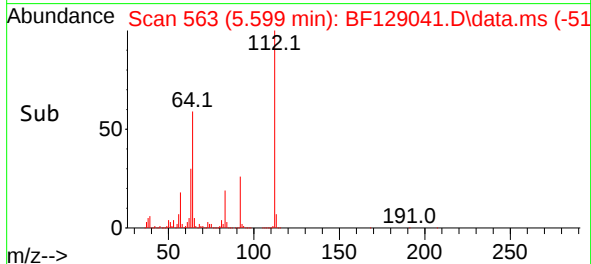
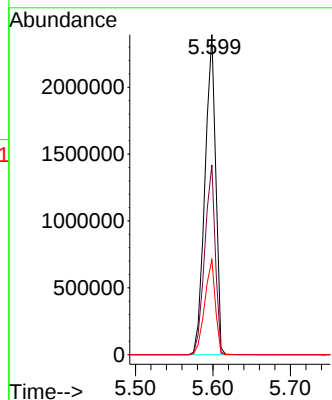
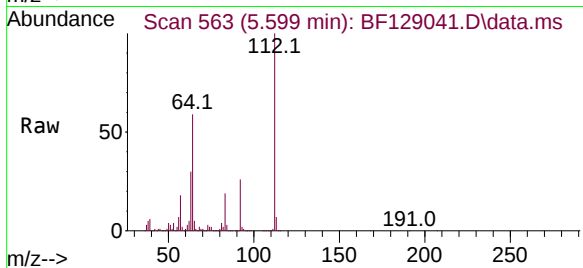




#5
2-Fluorophenol
Concen: 86.926 ng
RT: 5.599 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

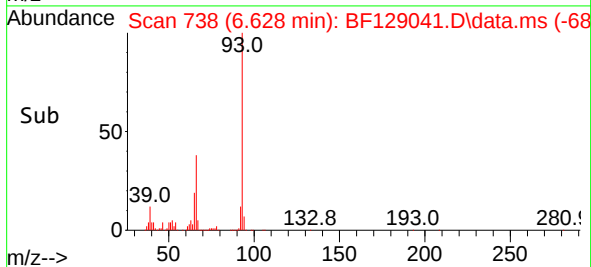
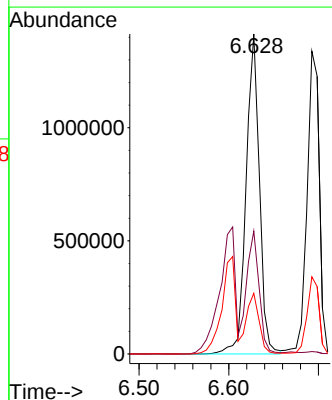
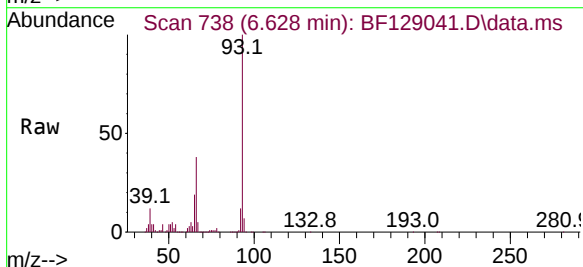
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ClientSampleId :
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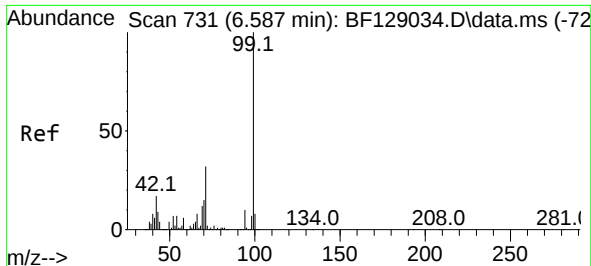
Tgt Ion:112 Resp: 2312554
Ion Ratio Lower Upper
112 100
64 59.3 53.3 79.9
63 29.7 28.0 42.0



#6
Aniline
Concen: 39.516 ng
RT: 6.628 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion: 93 Resp: 1460215
Ion Ratio Lower Upper
93 100
66 38.4 32.5 48.7
65 19.0 16.4 24.6

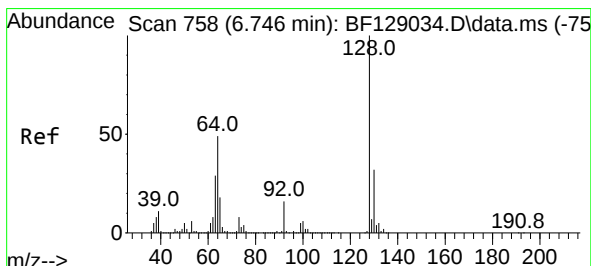
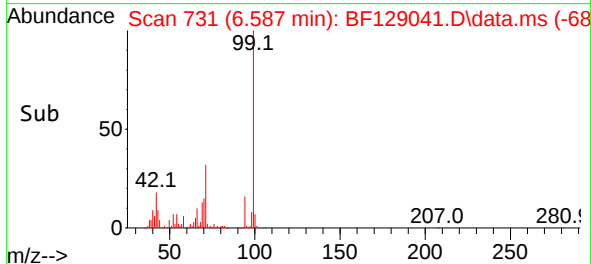
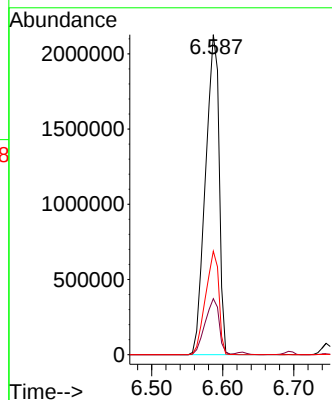
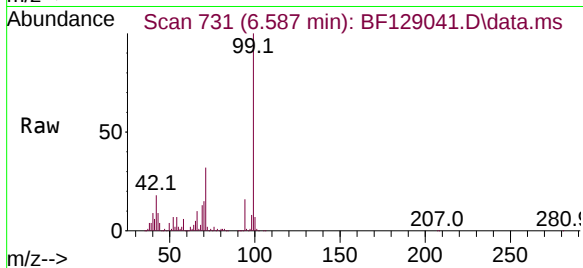




#7
Phenol-d6
Concen: 86.033 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

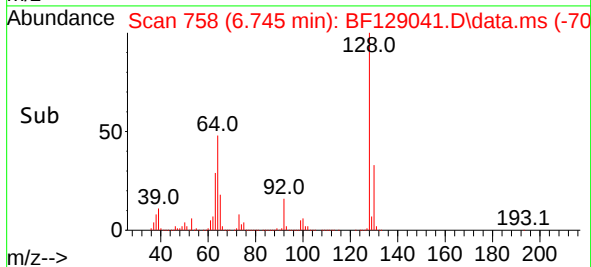
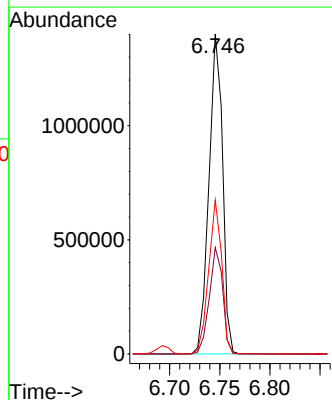
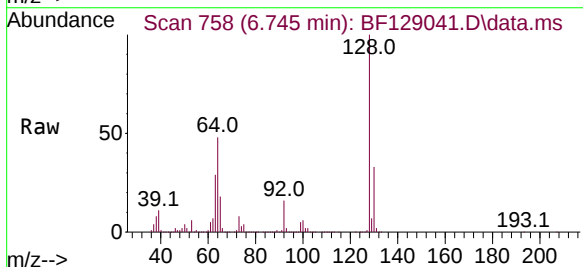
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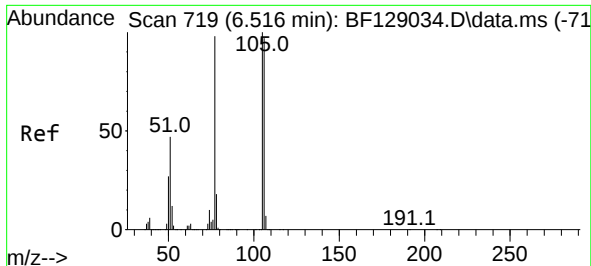
Tgt Ion: 99 Resp: 2842634
Ion Ratio Lower Upper
99 100
42 17.5 17.3 25.9
71 32.4 28.9 43.3



#8
2-Chlorophenol
Concen: 47.520 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion: 128 Resp: 1328206
Ion Ratio Lower Upper
128 100
130 33.2 13.1 53.1
64 48.1 30.9 70.9

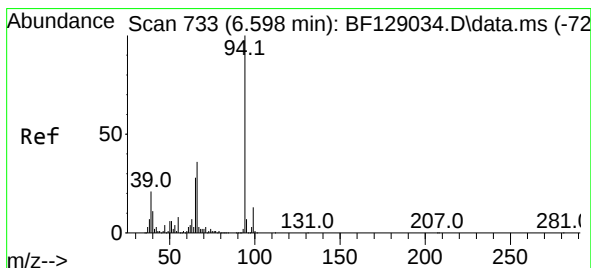
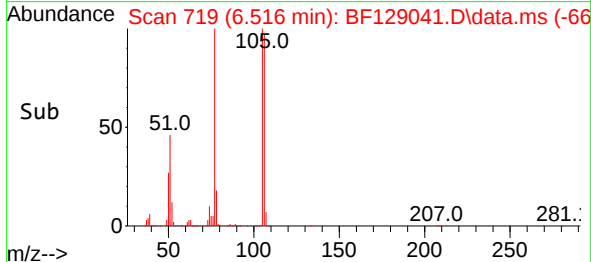
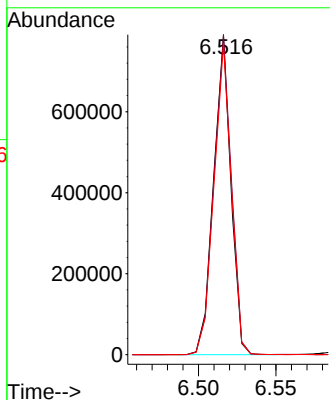
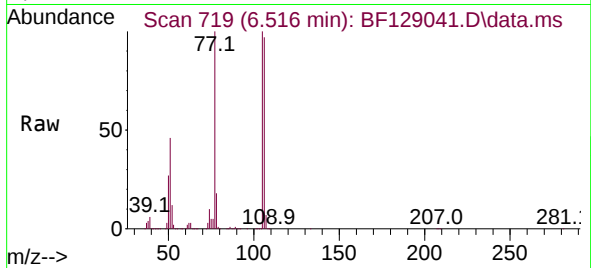




#9
Benzaldehyde
Concen: 40.024 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129041.D
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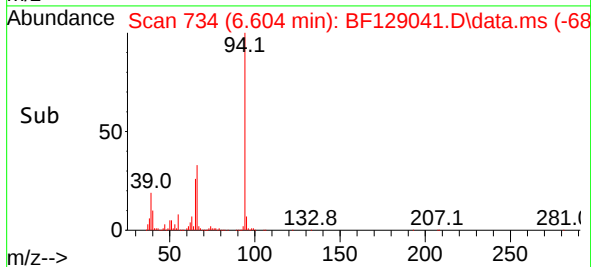
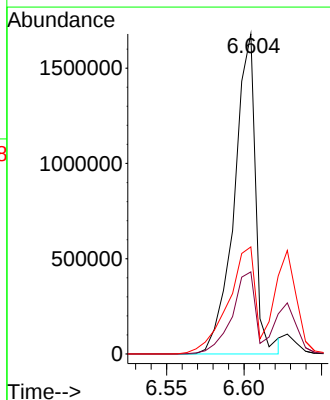
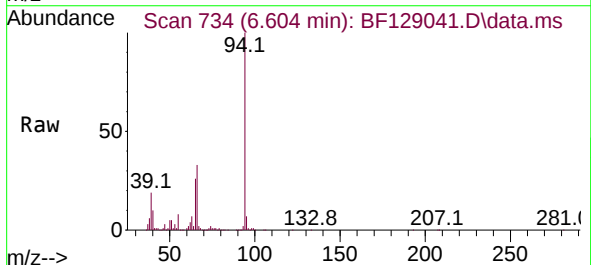
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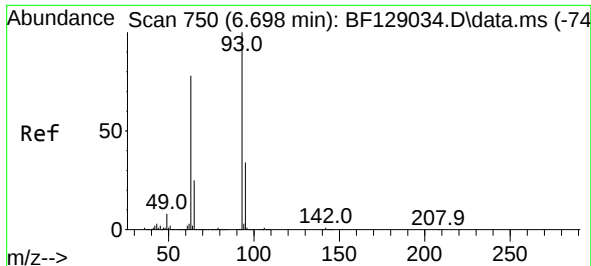
Tgt Ion: 77 Resp: 611975
Ion Ratio Lower Upper
77 100
105 100.0 81.6 121.6
106 97.3 76.1 116.1



#10
Phenol
Concen: 48.026 ng
RT: 6.604 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion: 94 Resp: 1607729
Ion Ratio Lower Upper
94 100
65 25.6 11.4 51.4
66 33.4 21.4 61.4

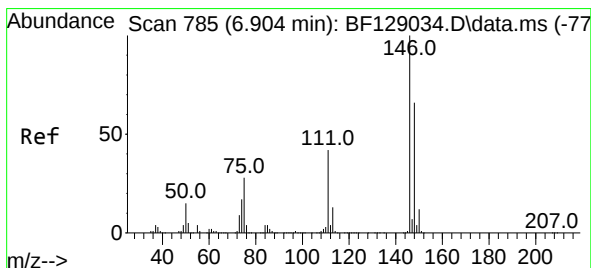
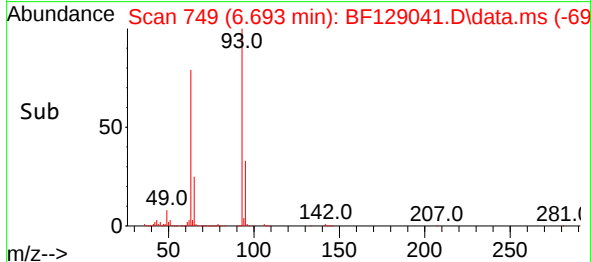
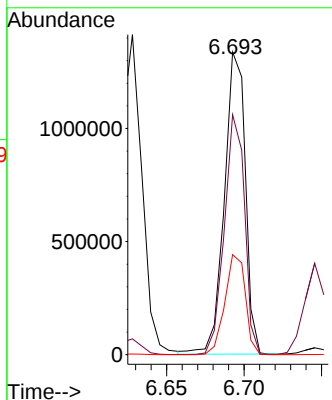
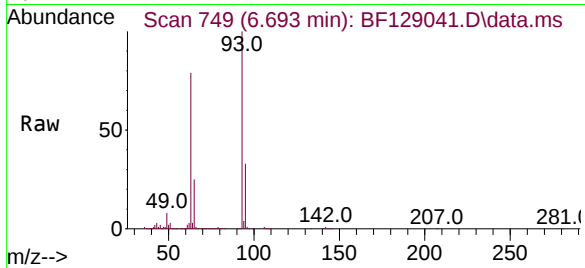




#11
bis(2-Chloroethyl)ether
Concen: 47.536 ng
RT: 6.693 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

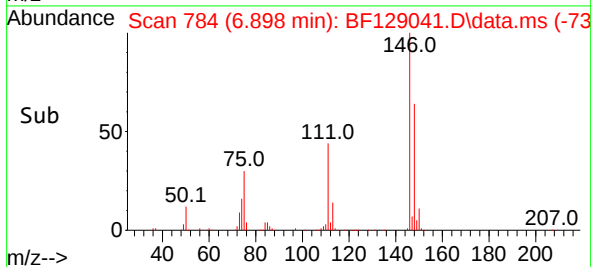
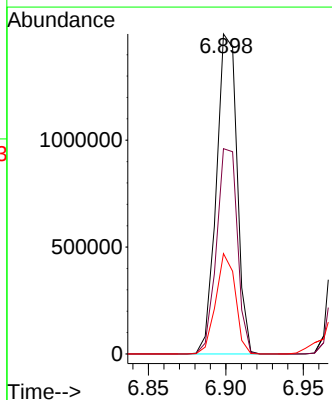
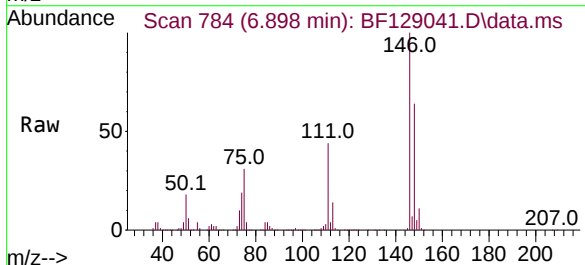
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

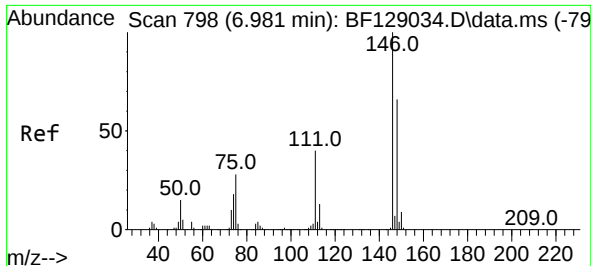
Tgt Ion: 93 Resp: 1259534
Ion Ratio Lower Upper
93 100
63 79.3 67.4 107.4
95 33.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.159 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:146 Resp: 1389493
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 31.4 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 45.422 ng

RT: 6.975 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

PB145630BSD

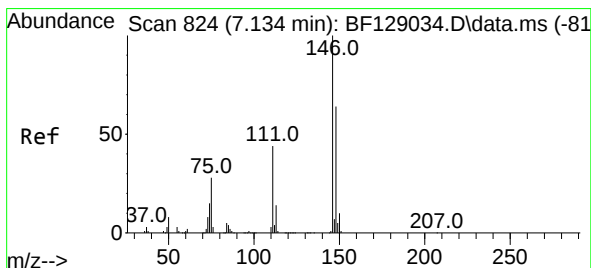
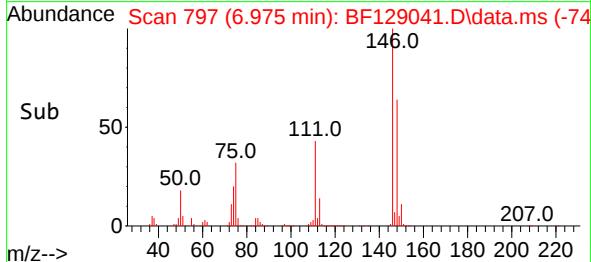
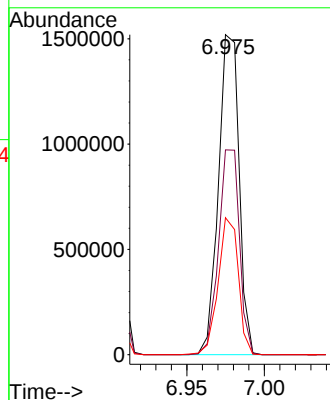
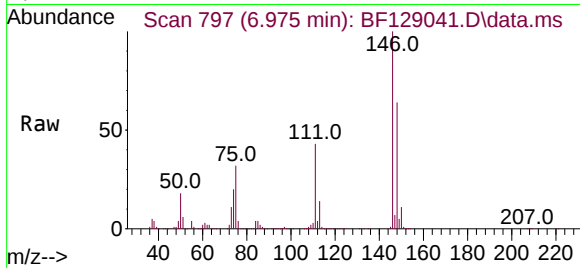
Tgt Ion:146 Resp: 1409657

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

111 42.8 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 46.748 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

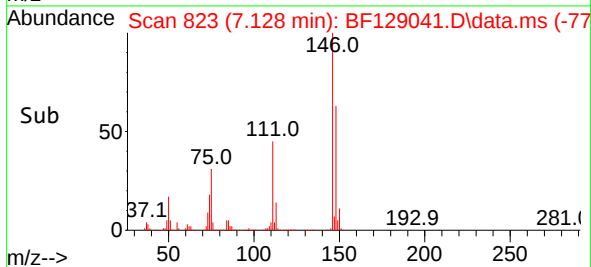
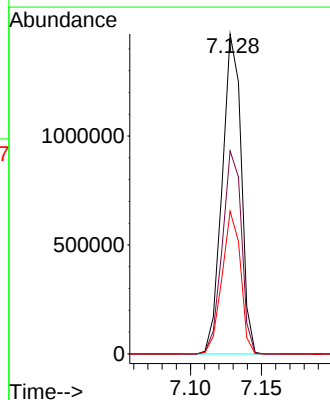
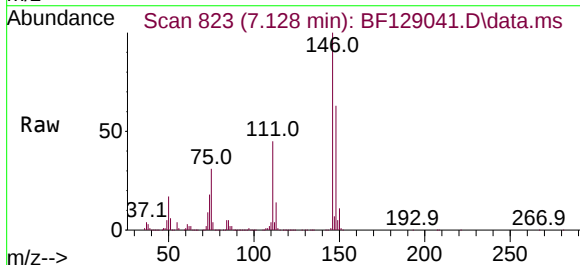
Tgt Ion:146 Resp: 1363827

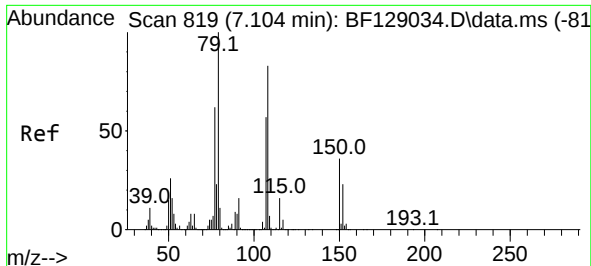
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

111 44.6 35.1 52.7

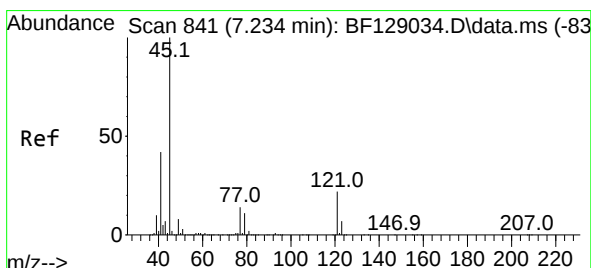
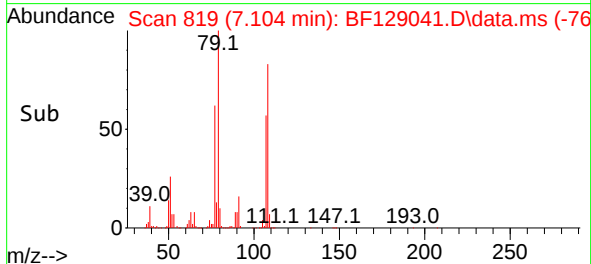
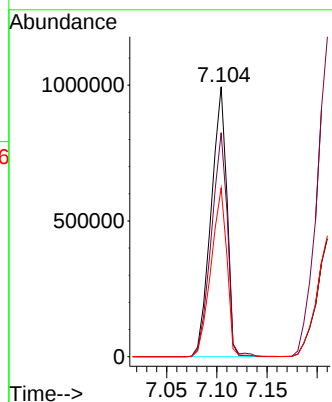
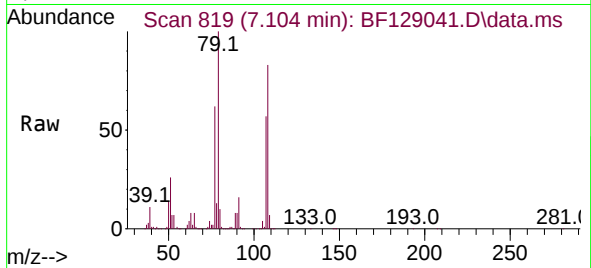




#15
Benzyl Alcohol
Concen: 46.826 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

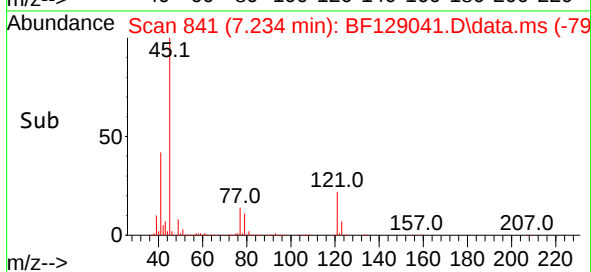
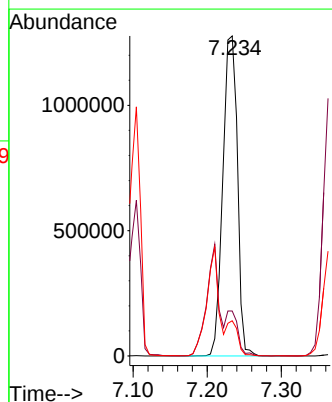
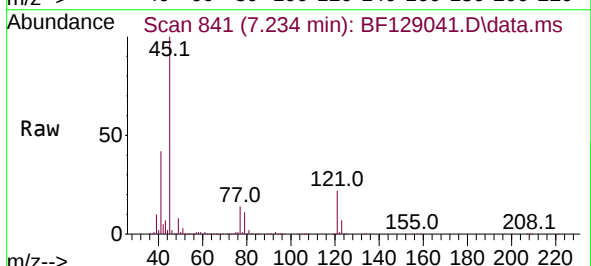
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

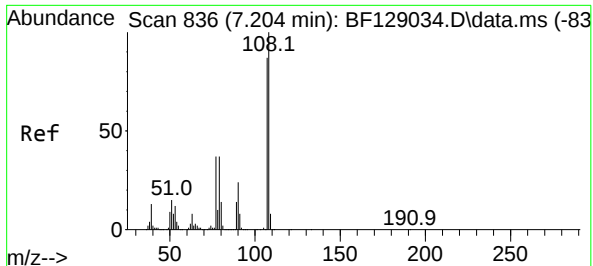
Tgt Ion: 79 Resp: 1088308
Ion Ratio Lower Upper
79 100
108 83.0 61.8 92.6
77 62.5 50.2 75.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.101 ng
RT: 7.234 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion: 45 Resp: 1744670
Ion Ratio Lower Upper
45 100
77 14.1 0.0 31.3
79 11.0 0.0 28.3

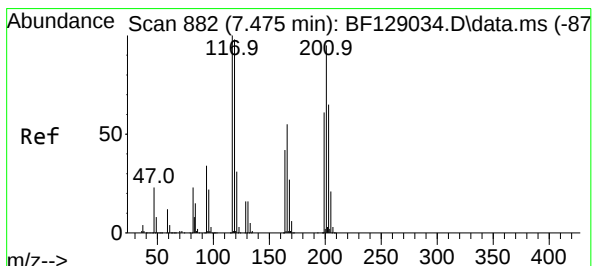
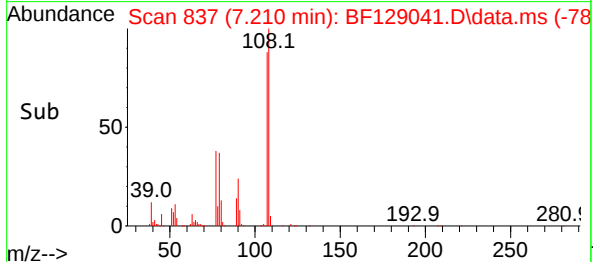
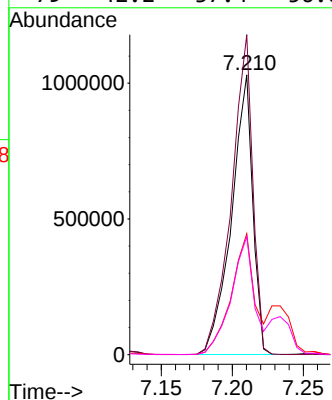
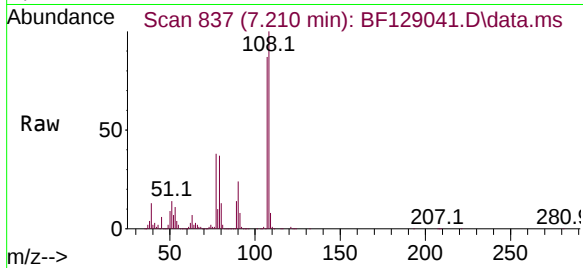




#17
2-Methylphenol
Concen: 47.167 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

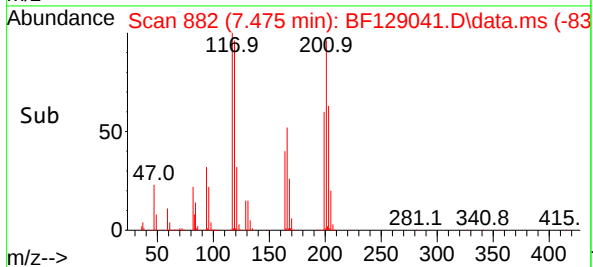
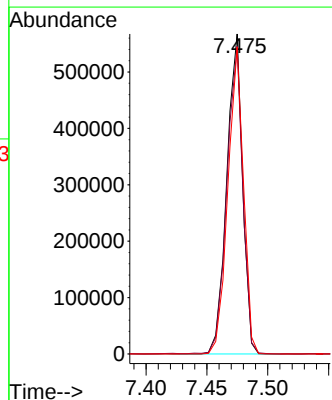
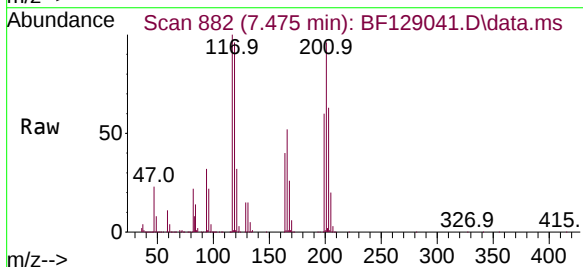
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

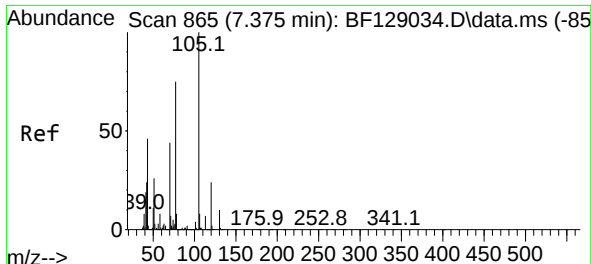
Tgt Ion:107 Resp: 1072781
Ion Ratio Lower Upper
107 100
108 114.3 91.9 137.9
77 43.2 37.8 56.8
79 42.2 37.4 56.0



#18
Hexachloroethane
Concen: 46.882 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:117 Resp: 510802
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2
201 96.0 84.6 127.0

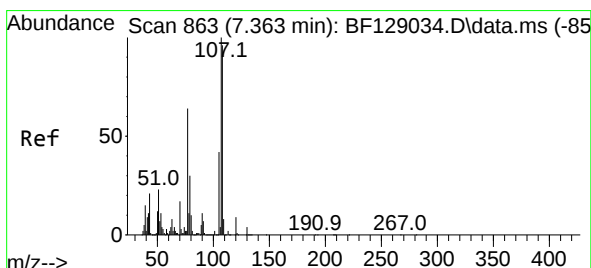
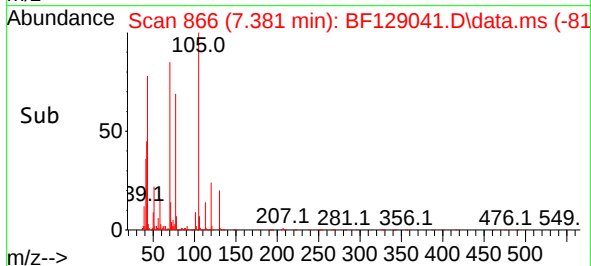
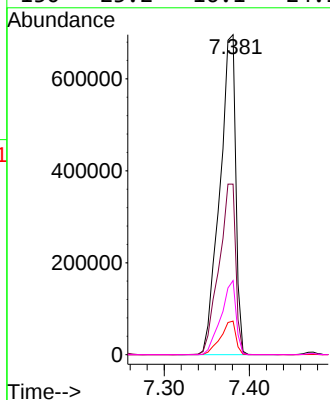
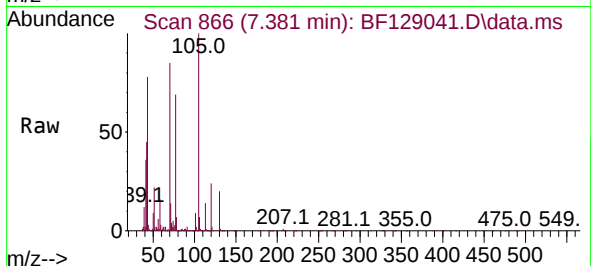




#19
n-Nitroso-di-n-propylamine
Concen: 47.480 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

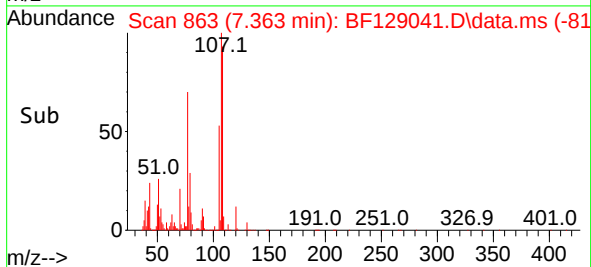
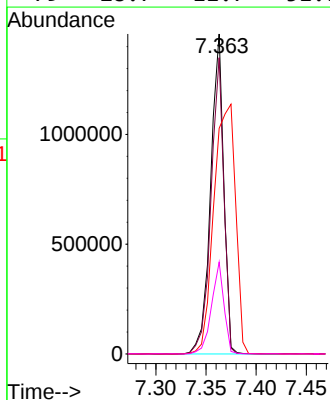
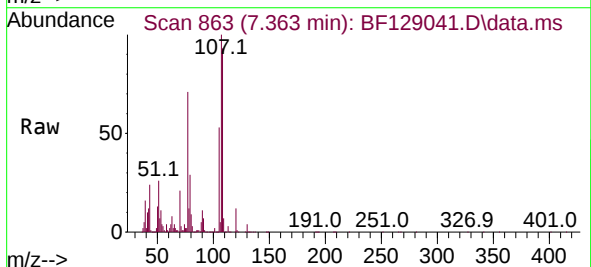
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

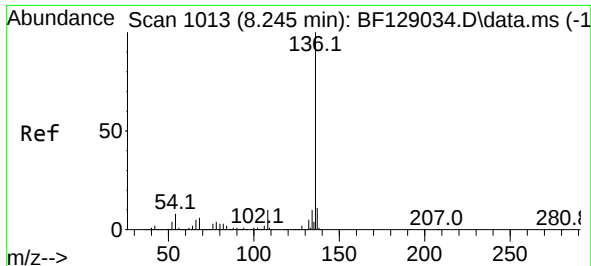
Tgt Ion: 70 Resp: 907505
Ion Ratio Lower Upper
70 100
42 53.3 52.3 78.5
101 10.5 7.5 11.3
130 23.2 16.1 24.1



#20
3+4-Methylphenols
Concen: 45.793 ng
RT: 7.363 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:107 Resp: 1324480
Ion Ratio Lower Upper
107 100
108 92.6 71.8 111.8
77 70.5 59.3 99.3
79 28.7 11.7 51.7

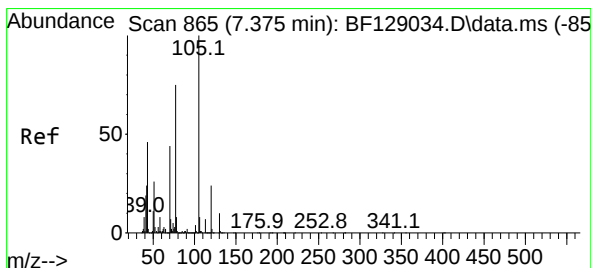
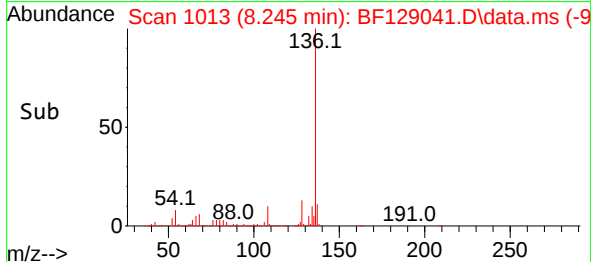
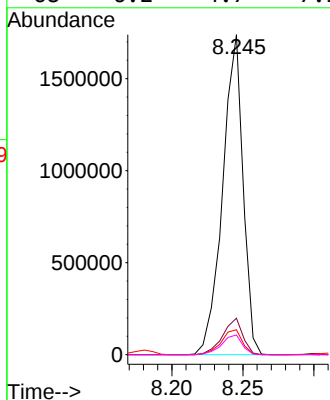
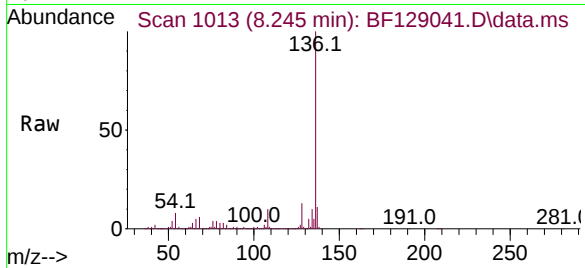




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

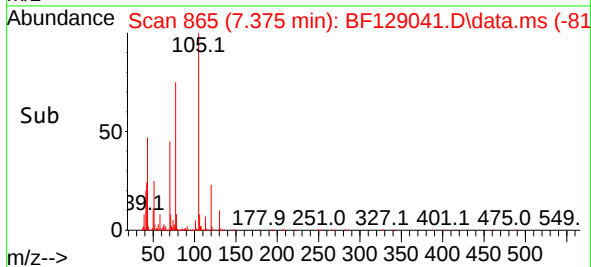
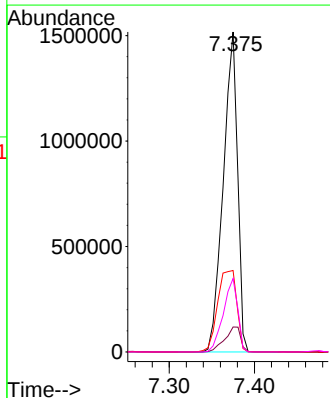
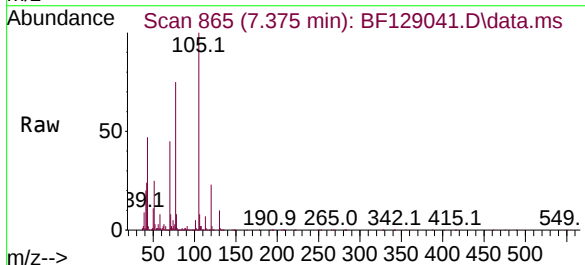
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

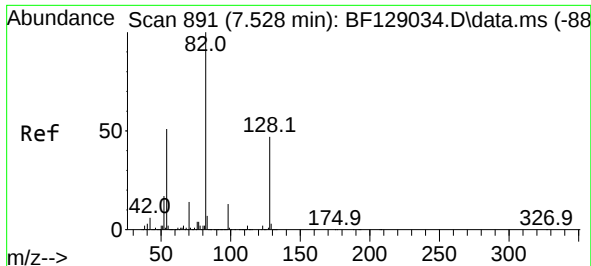
Tgt Ion:136 Resp: 1732301
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.8 7.5 11.3
68 6.2 4.7 7.1



#22
Acetophenone
Concen: 44.511 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:105 Resp: 1768826
Ion Ratio Lower Upper
105 100
71 7.8 5.0 7.4#
51 25.5 25.0 37.4
120 22.9 17.8 26.8





#23

Nitrobenzene-d5

Concen: 88.145 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

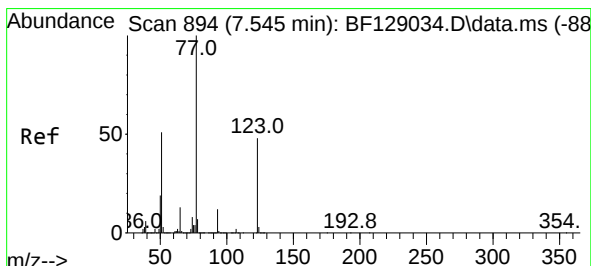
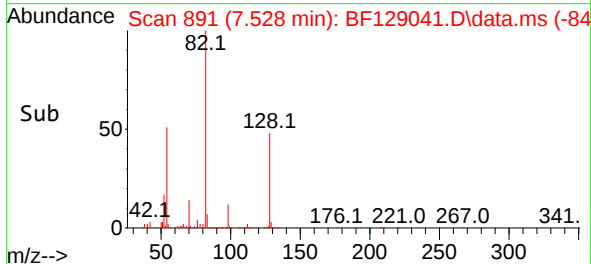
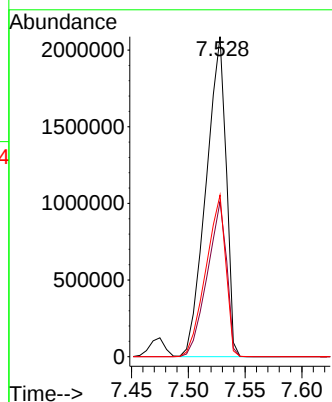
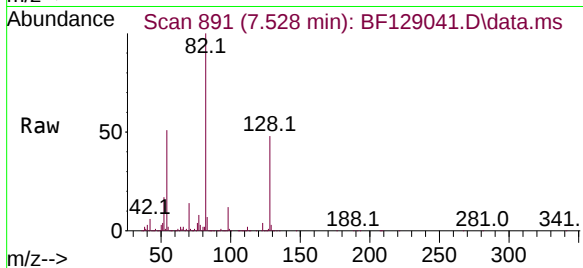
BNA_F

ClientSampleId :

PB145630BSD

Tgt Ion: 82 Resp: 2559966

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	50.5	46.9	70.3



#24

Nitrobenzene

Concen: 46.997 ng

RT: 7.545 min Scan# 894

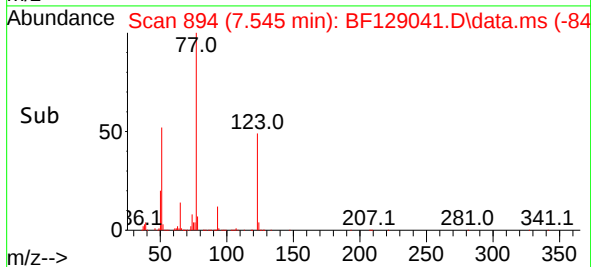
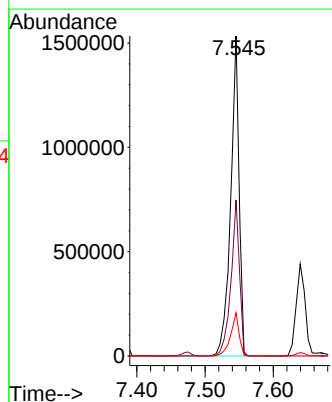
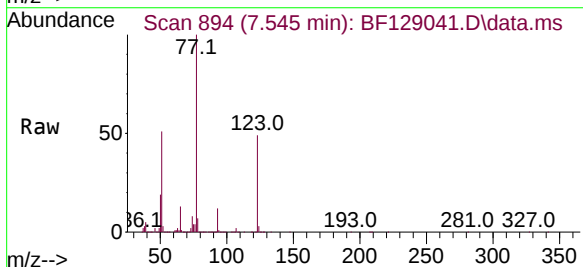
Delta R.T. -0.000 min

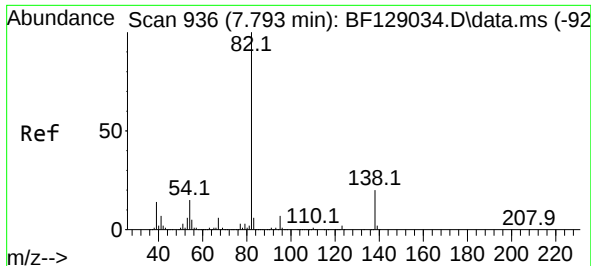
Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Tgt Ion: 77 Resp: 1320644

Ion	Ratio	Lower	Upper
77	100		
123	48.7	35.4	53.2
65	13.4	11.8	17.8

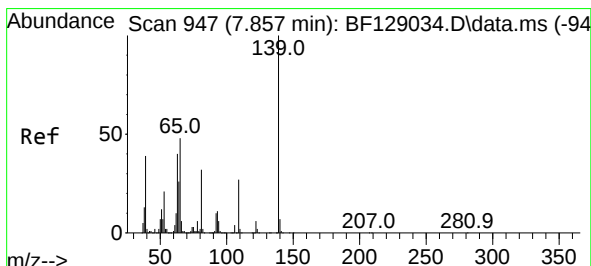
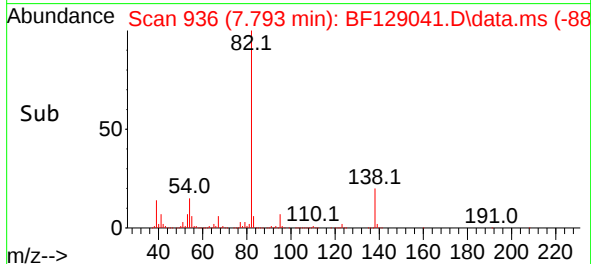
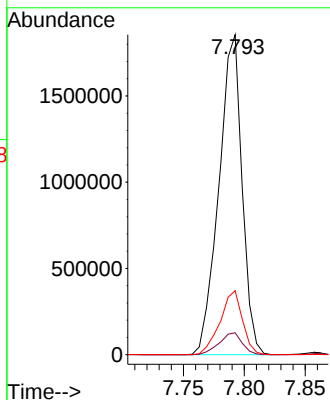
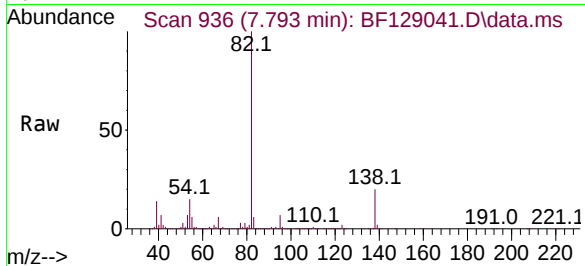




#25
Isophorone
Concen: 50.092 ng
RT: 7.793 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

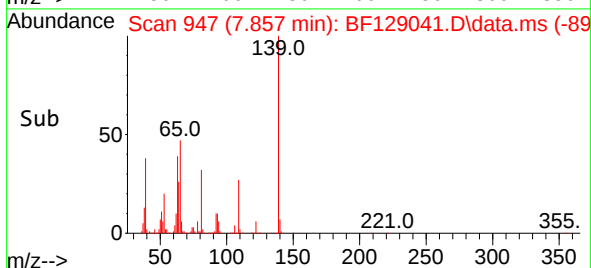
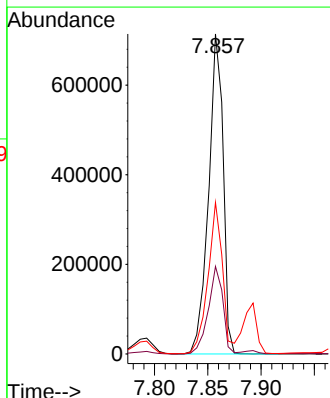
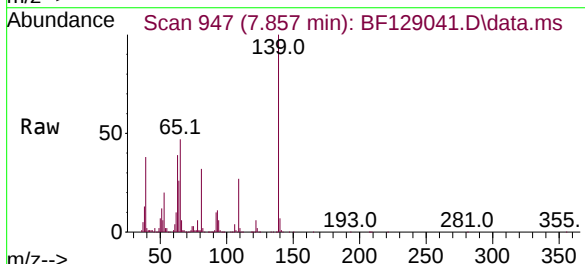
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

Tgt Ion: 82 Resp: 2458694
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 20.0 14.2 21.2



#26
2-Nitrophenol
Concen: 51.879 ng
RT: 7.857 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:139 Resp: 677539
Ion Ratio Lower Upper
139 100
109 27.4 25.0 37.4
65 47.3 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 52.401 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

PB145630BSD

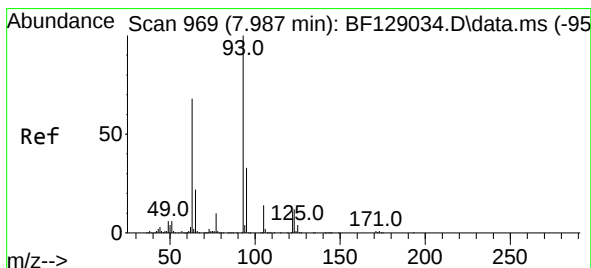
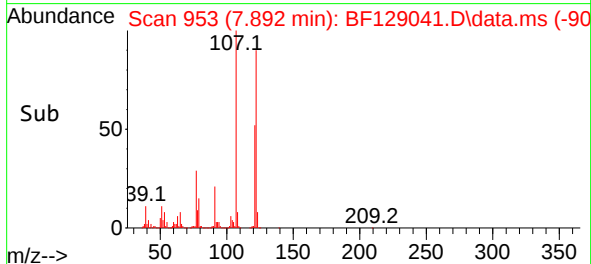
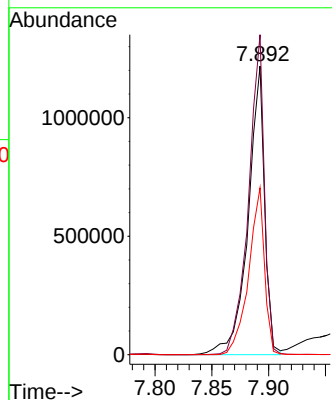
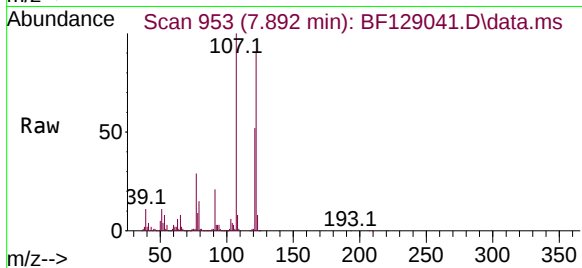
Tgt Ion:122 Resp: 1235532

Ion Ratio Lower Upper

122 100

107 110.8 93.0 139.6

121 57.8 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.426 ng

RT: 7.992 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

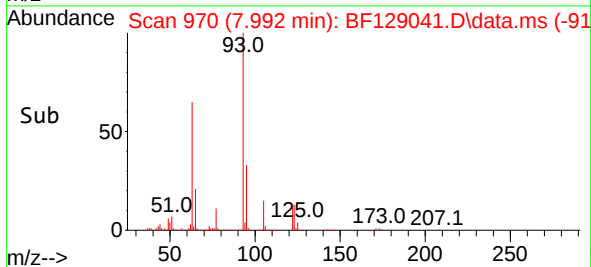
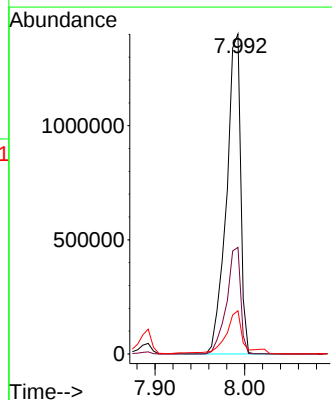
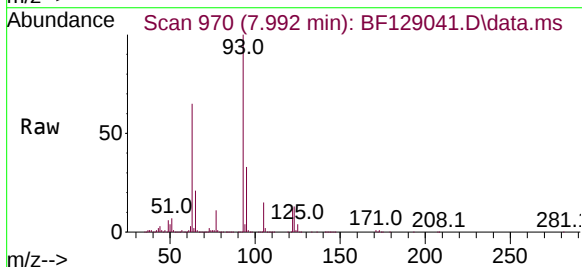
Tgt Ion: 93 Resp: 1531285

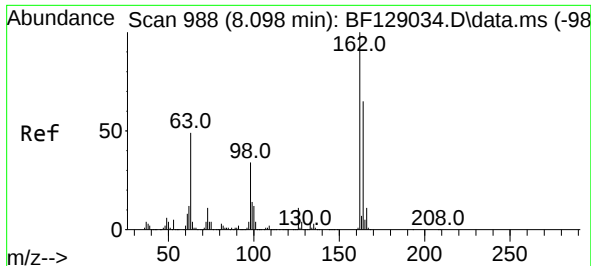
Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

123 13.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.519 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

PB145630BSD

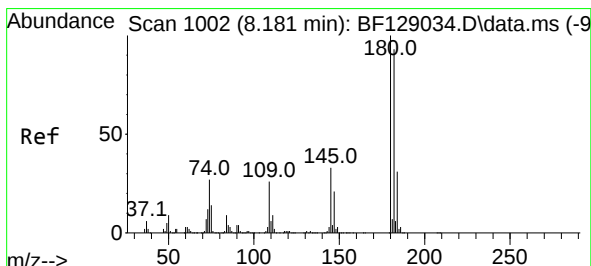
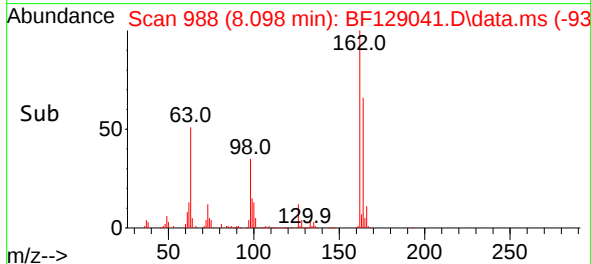
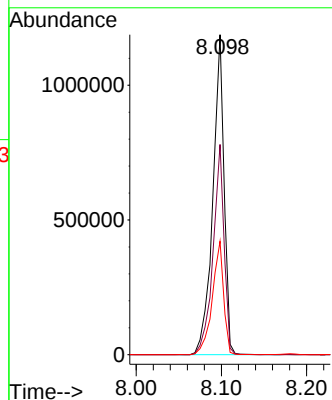
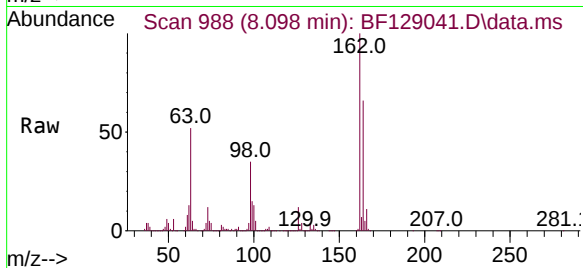
Tgt Ion:162 Resp: 1094686

Ion Ratio Lower Upper

162 100

164 65.7 44.2 84.2

98 35.4 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 43.968 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

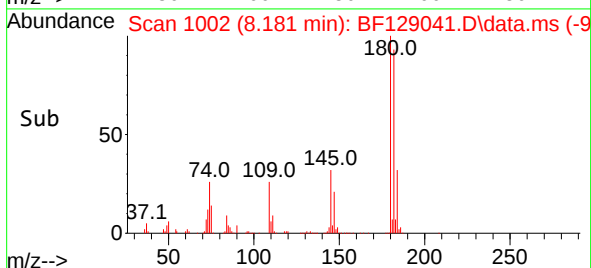
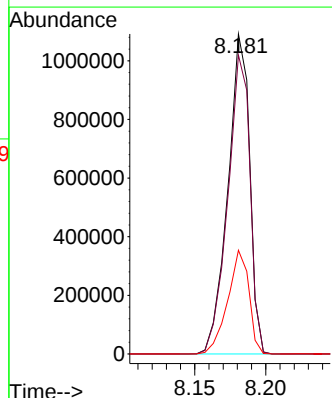
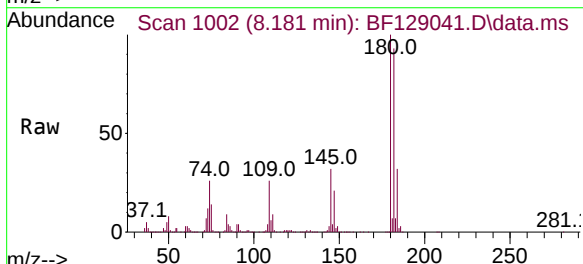
Tgt Ion:180 Resp: 1163586

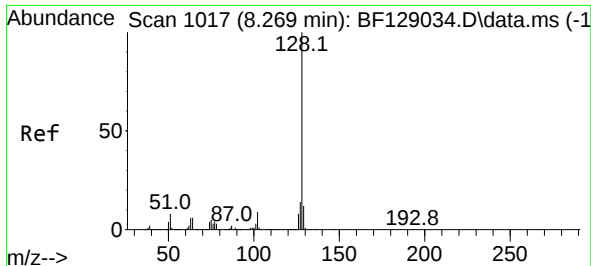
Ion Ratio Lower Upper

180 100

182 93.4 79.2 118.8

145 32.4 26.2 39.2

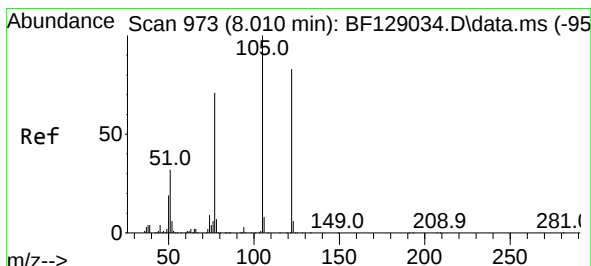
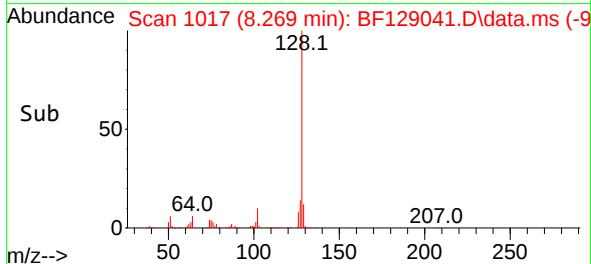
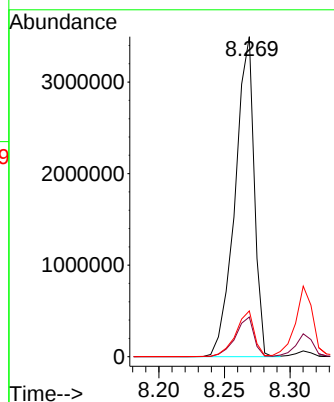
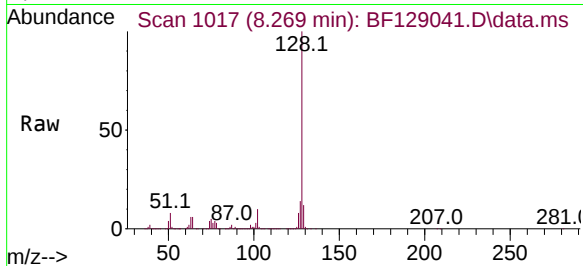




#31
Naphthalene
Concen: 45.201 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

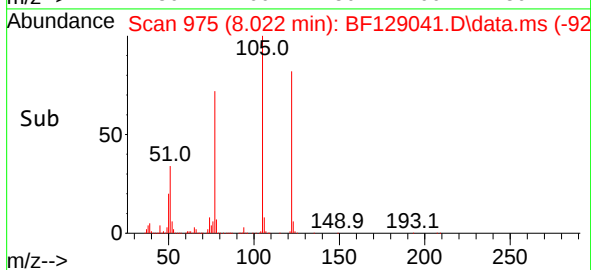
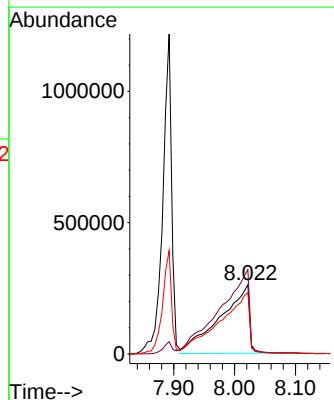
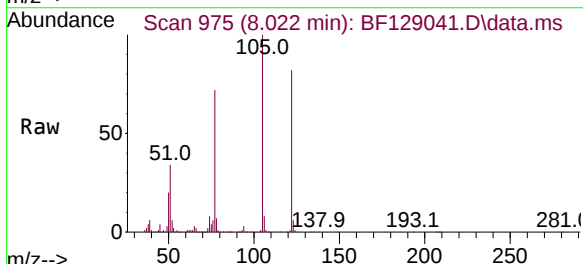
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

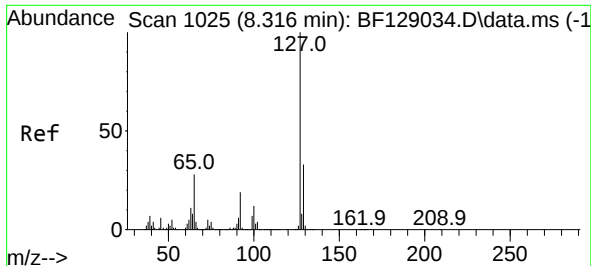
Tgt Ion:128 Resp: 3554686
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 14.3 10.5 15.7



#32
Benzoic acid
Concen: 46.148 ng
RT: 8.022 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:122 Resp: 872991
Ion Ratio Lower Upper
122 100
105 122.1 107.1 147.1
77 88.4 74.2 114.2

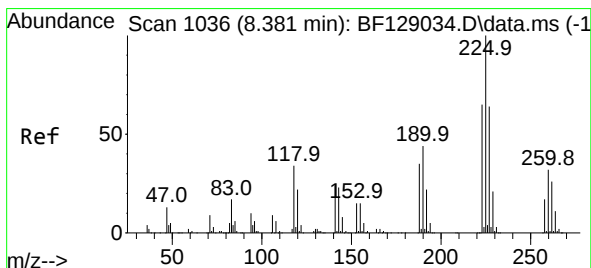
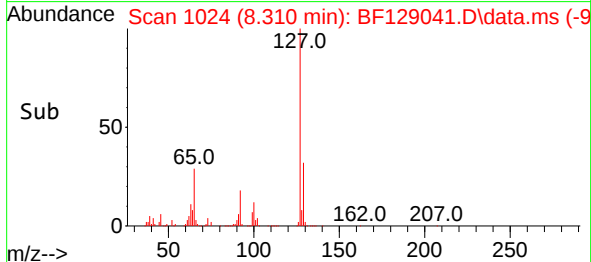
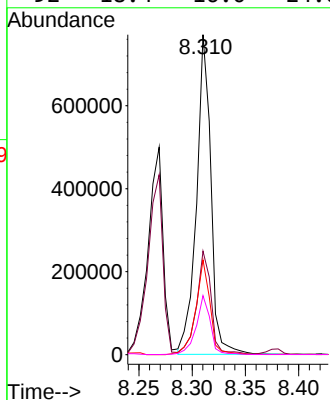
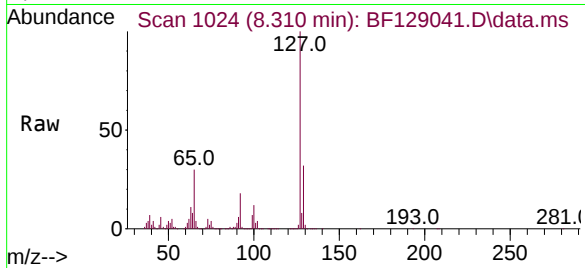




#33
4-Chloroaniline
Concen: 22.984 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

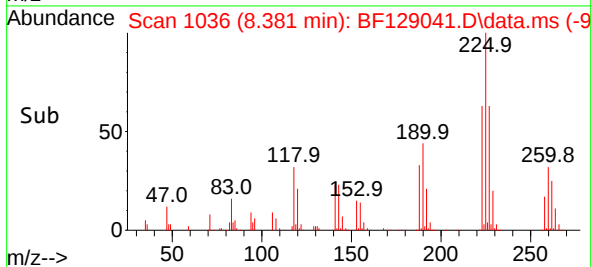
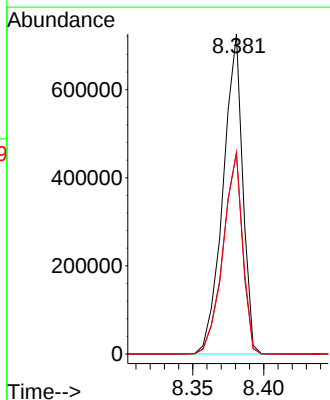
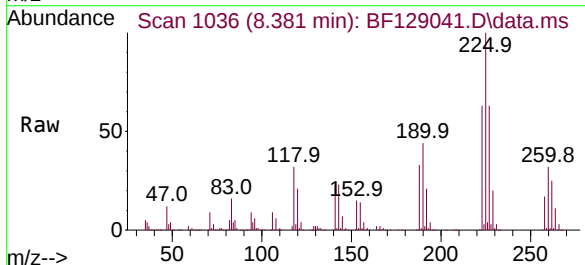
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

Tgt Ion:	127	Resp:	728318
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.4	39.6
65	29.6	26.4	39.6
92	18.4	16.0	24.0



#34
Hexachlorobutadiene
Concen: 44.072 ng
RT: 8.381 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:	225	Resp:	696424
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	63.0	51.1	76.7





#35

Caprolactam

Concen: 24.963 ng

RT: 8.710 min Scan# 1092

Delta R.T. 0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

PB145630BSD

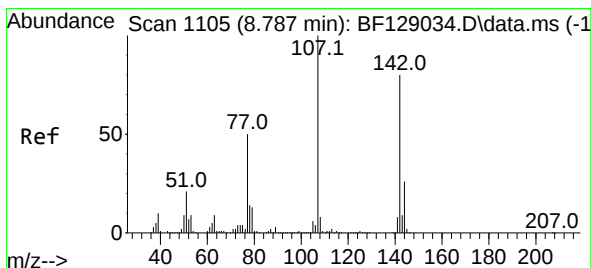
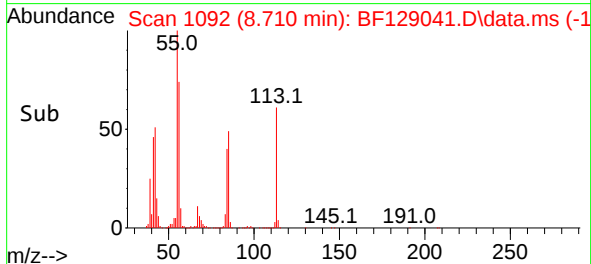
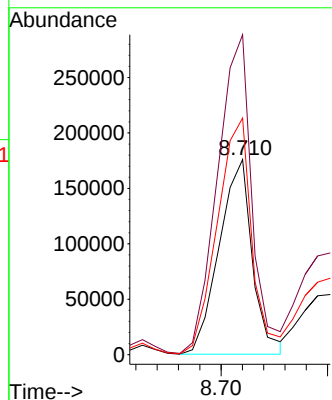
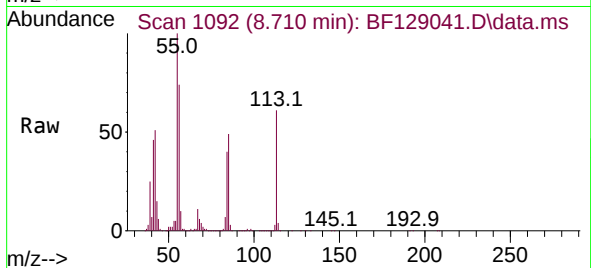
Tgt Ion:113 Resp: 190370

Ion Ratio Lower Upper

113 100

55 163.9 188.5 228.5#

56 121.3 130.6 170.6#



#36

4-Chloro-3-methylphenol

Concen: 46.461 ng

RT: 8.792 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

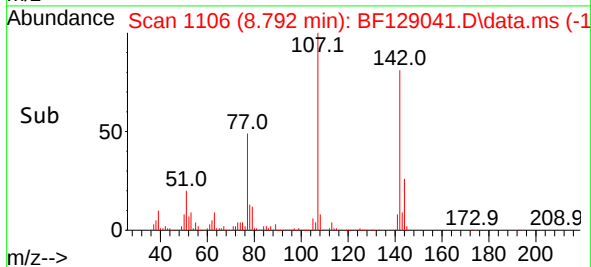
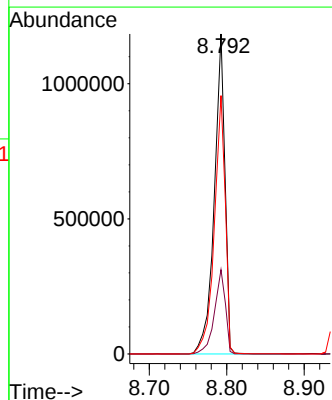
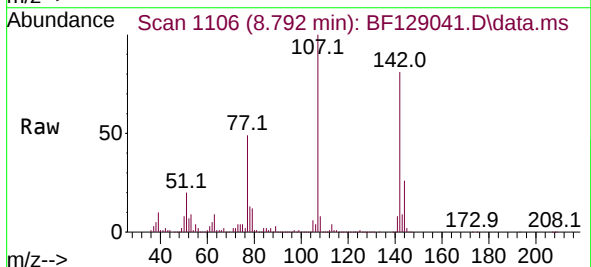
Tgt Ion:107 Resp: 1135260

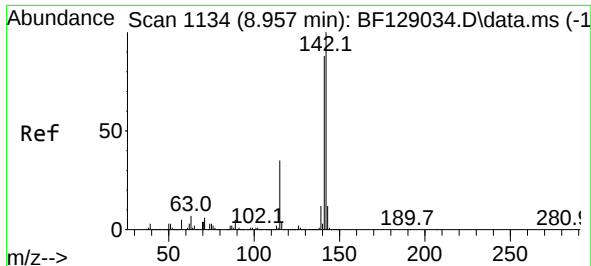
Ion Ratio Lower Upper

107 100

144 26.4 19.5 29.3

142 80.8 58.2 87.4

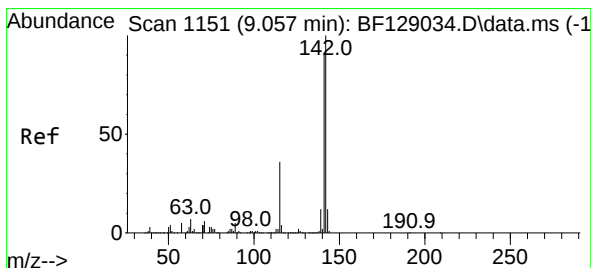
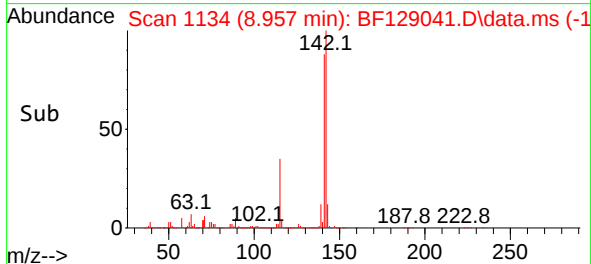
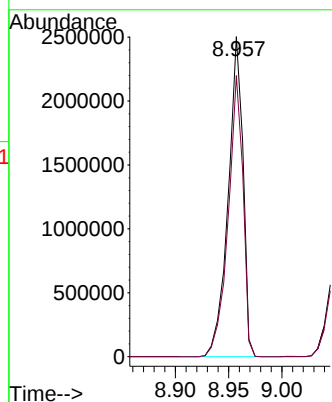
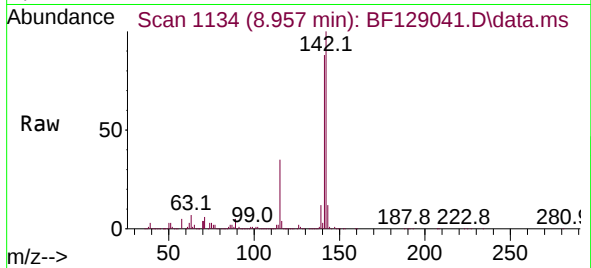




#37
2-Methylnaphthalene
Concen: 45.897 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

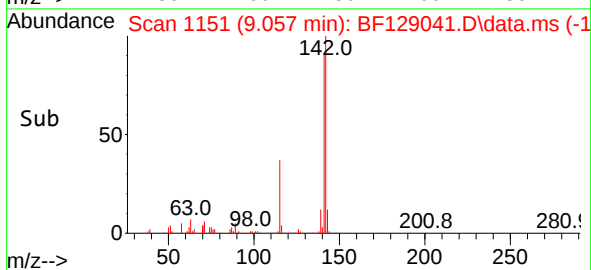
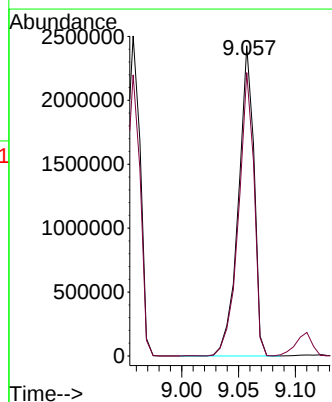
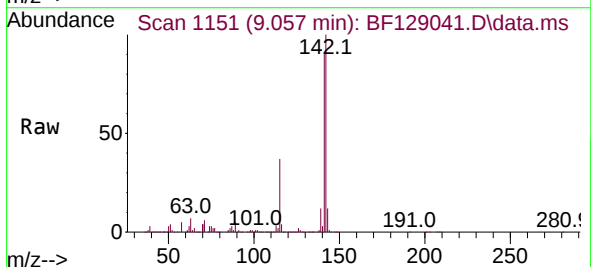
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

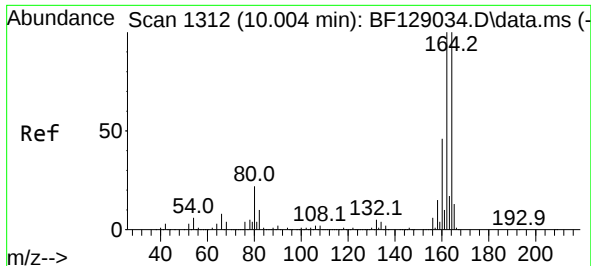
Tgt Ion:142 Resp: 2428784
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.4



#38
1-Methylnaphthalene
Concen: 44.927 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:142 Resp: 2308775
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4

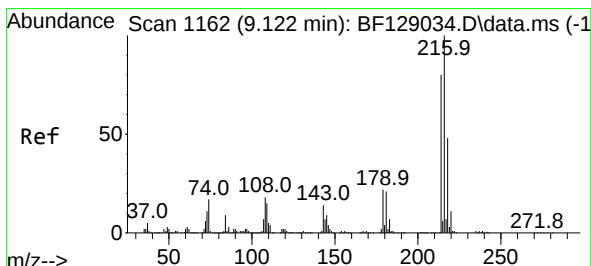
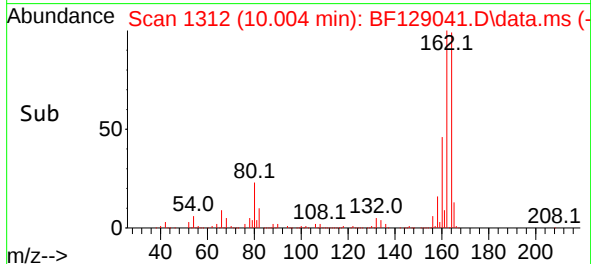
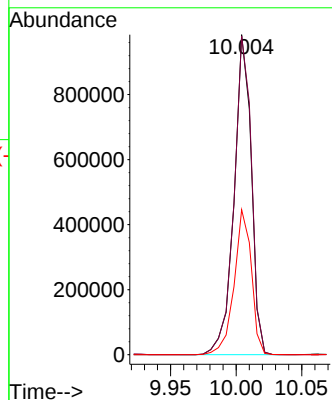
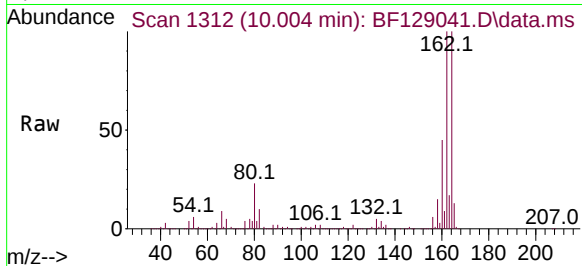




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

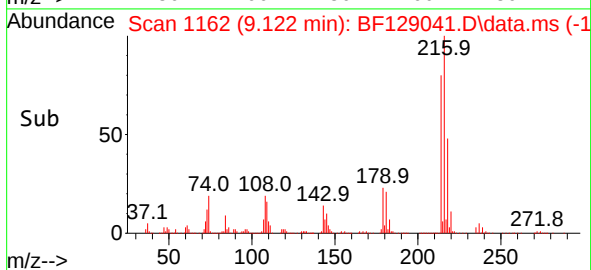
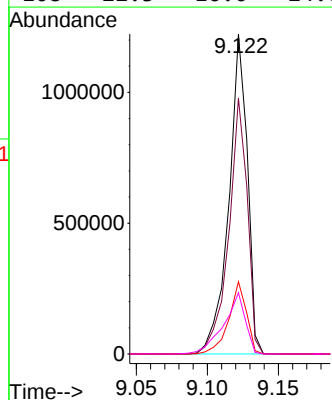
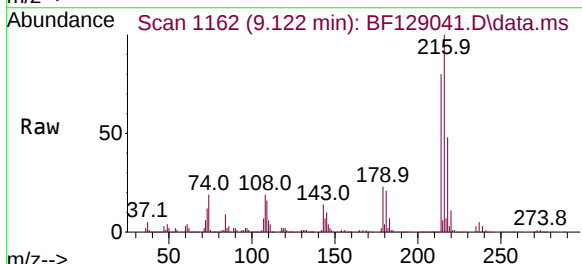
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

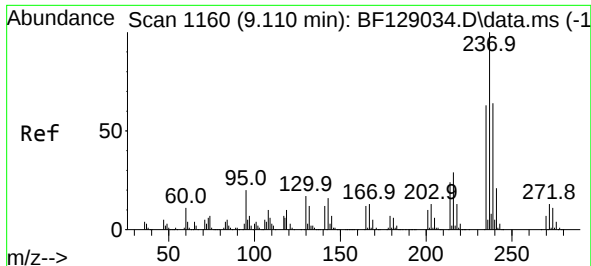
Tgt Ion:164 Resp: 898815
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.3 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.862 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:216 Resp: 1108140
Ion Ratio Lower Upper
216 100
214 79.7 63.6 95.4
179 21.7 17.0 25.6
108 22.3 16.0 24.0

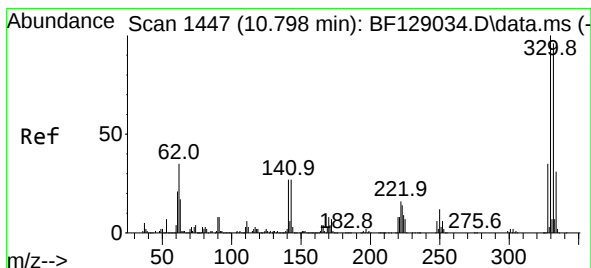
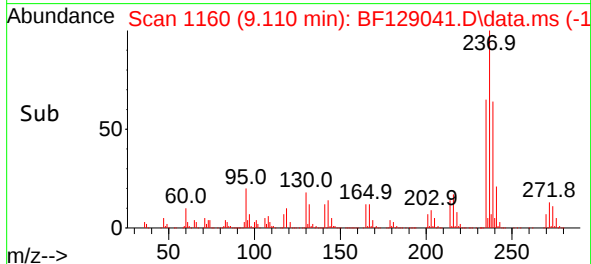
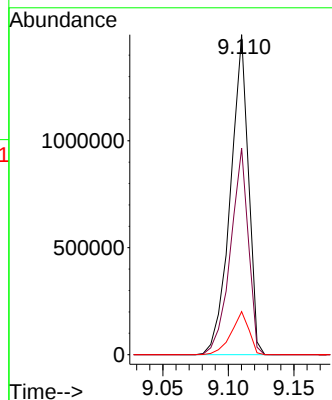
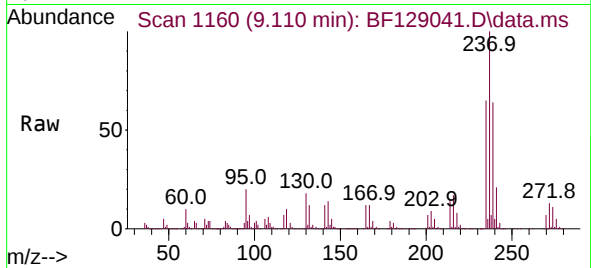




#41
Hexachlorocyclopentadiene
Concen: 107.111 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

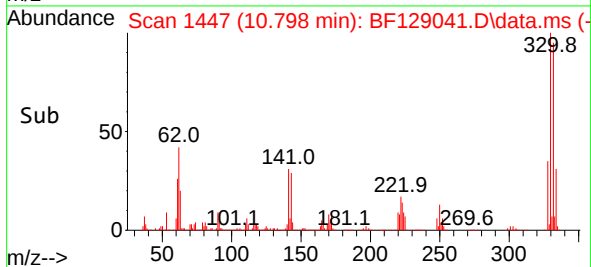
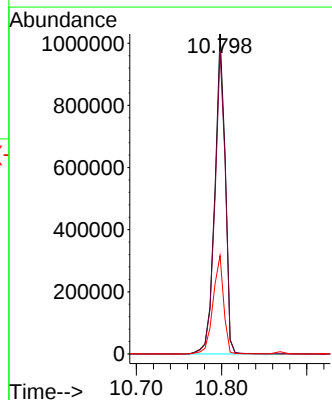
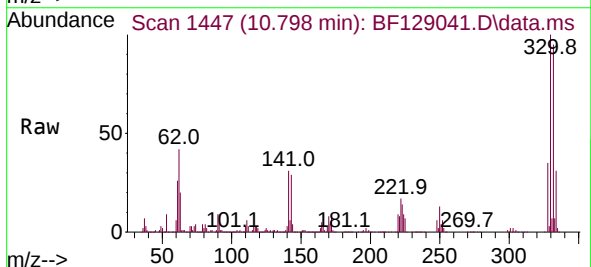
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

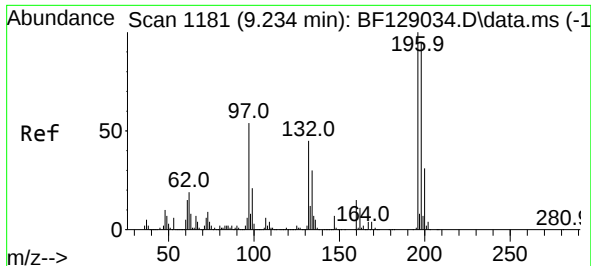
Tgt Ion:237 Resp: 1428409
Ion Ratio Lower Upper
237 100
235 64.5 43.2 83.2
272 13.4 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 89.300 ng
RT: 10.798 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:330 Resp: 872758
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 31.5 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 47.148 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

PB145630BSD

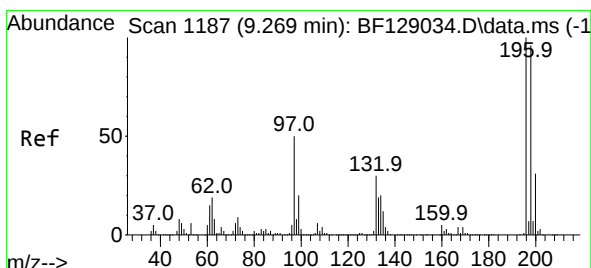
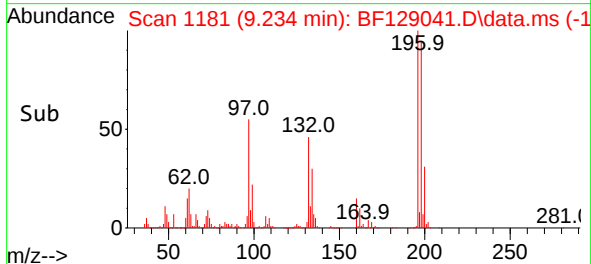
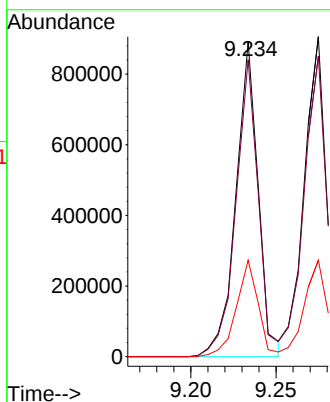
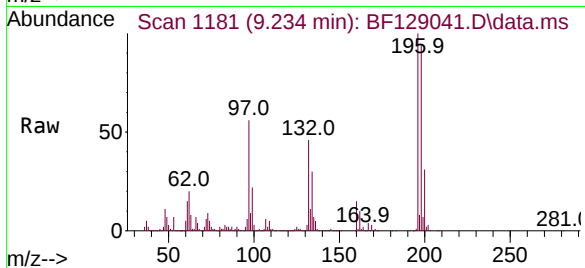
Tgt Ion:196 Resp: 811353

Ion Ratio Lower Upper

196 100

198 94.2 74.0 111.0

200 30.6 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 44.643 ng

RT: 9.275 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Tgt Ion:196 Resp: 817166

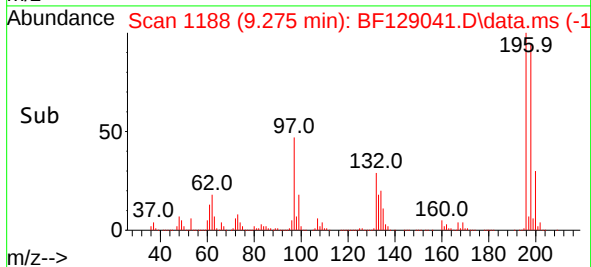
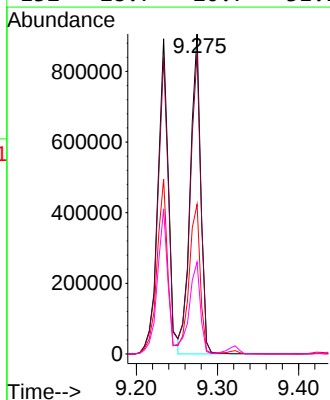
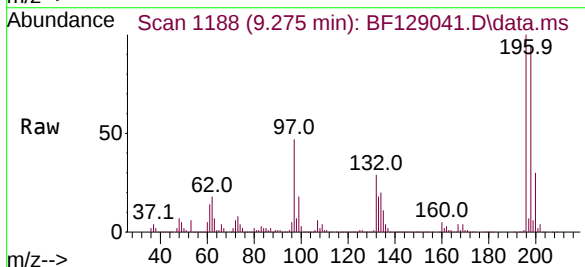
Ion Ratio Lower Upper

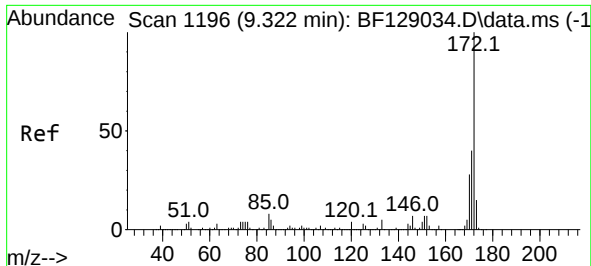
196 100

198 93.9 75.7 113.5

97 46.7 36.4 54.6

132 28.7 20.7 31.1

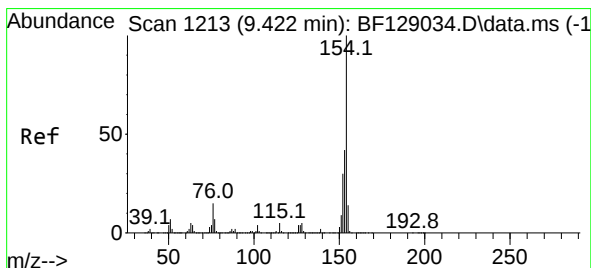
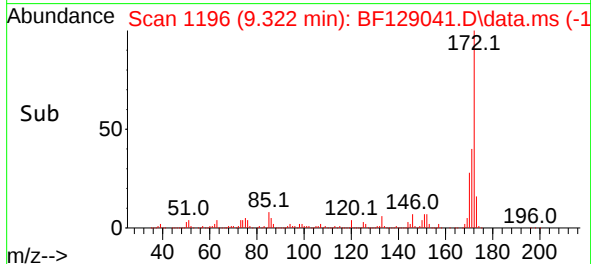
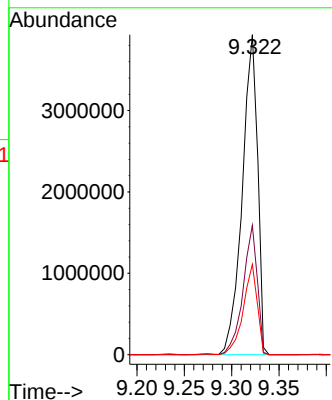
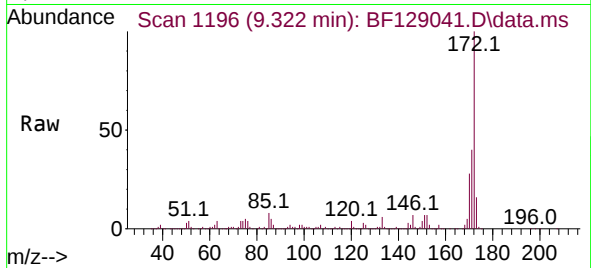




#45
2-Fluorobiphenyl
Concen: 78.682 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

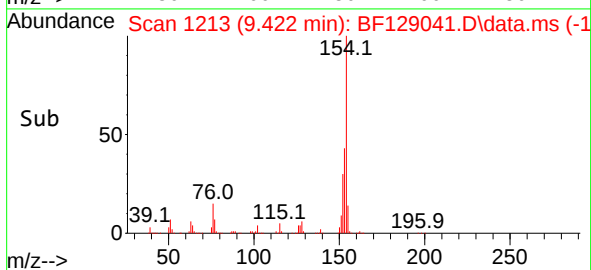
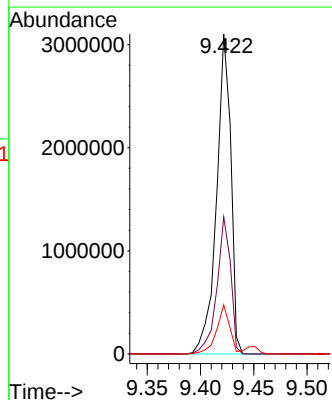
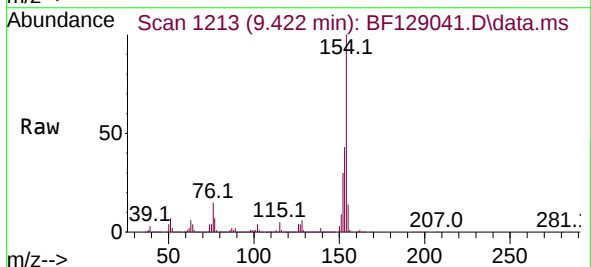
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

Tgt Ion:172 Resp: 4420642
Ion Ratio Lower Upper
172 100
171 40.4 28.8 43.2
170 28.2 19.8 29.8



#46
1,1'-Biphenyl
Concen: 44.544 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:154 Resp: 2878360
Ion Ratio Lower Upper
154 100
153 42.8 20.6 60.6
76 15.4 0.0 33.3

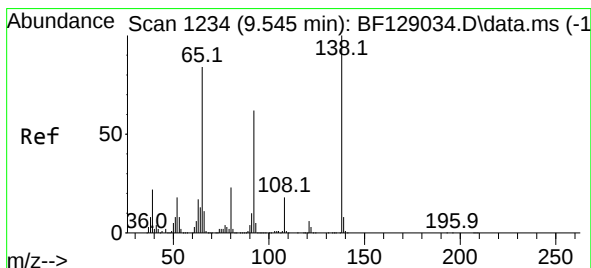
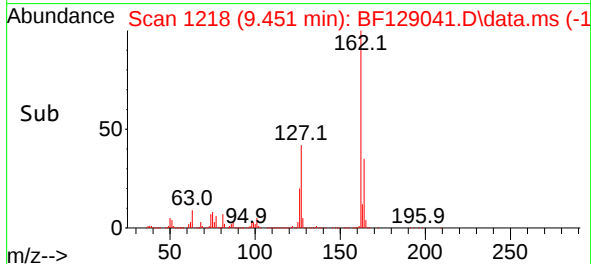
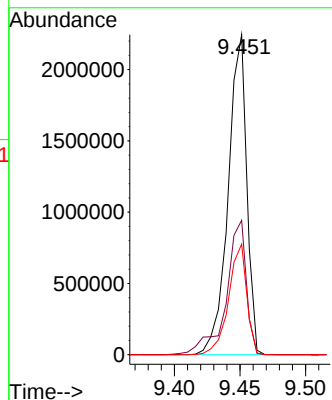
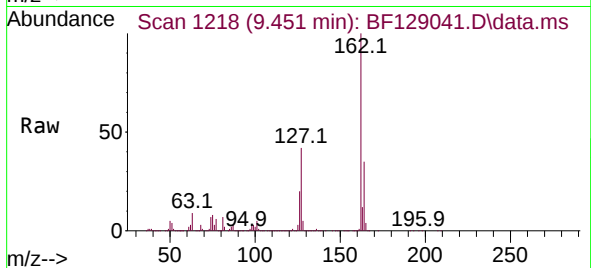




#47
2-Chloronaphthalene
Concen: 44.398 ng
RT: 9.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

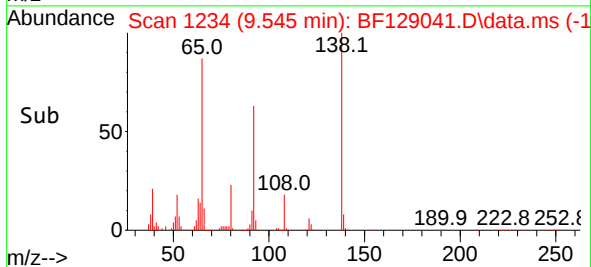
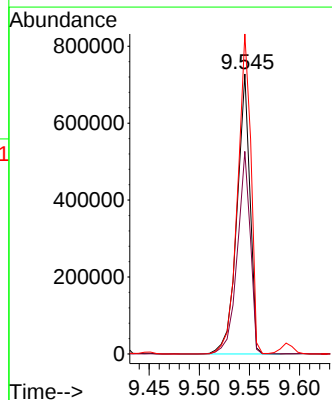
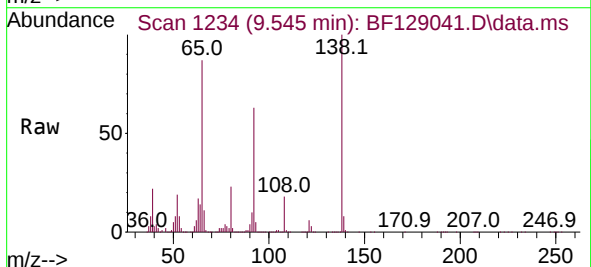
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

Tgt Ion:162 Resp: 2215497
Ion Ratio Lower Upper
162 100
127 42.0 34.5 51.7
164 34.6 26.5 39.7



#48
2-Nitroaniline
Concen: 50.201 ng
RT: 9.545 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion: 65 Resp: 659781
Ion Ratio Lower Upper
65 100
92 72.4 51.9 77.9
138 114.3 76.4 114.6

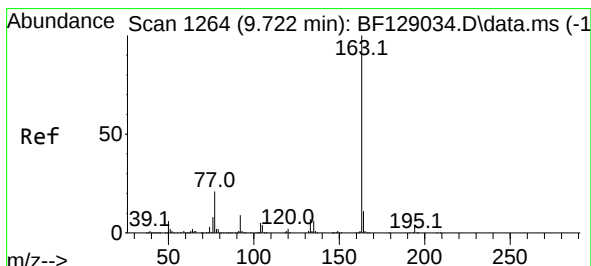
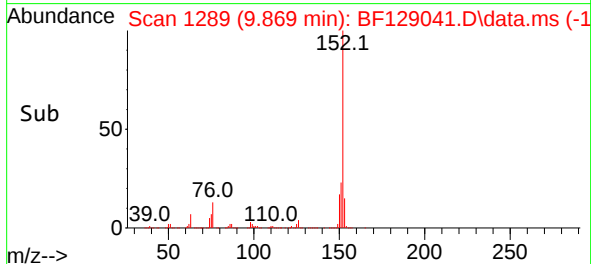
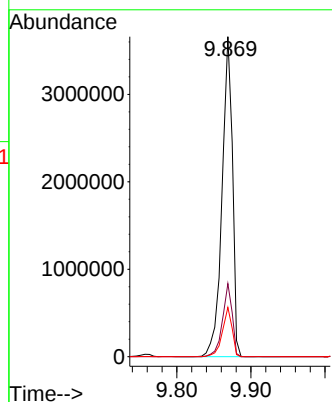
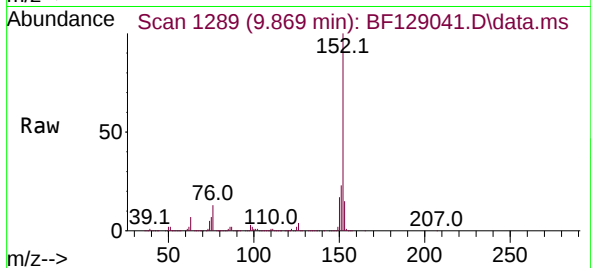




#49
Acenaphthylene
Concen: 47.184 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

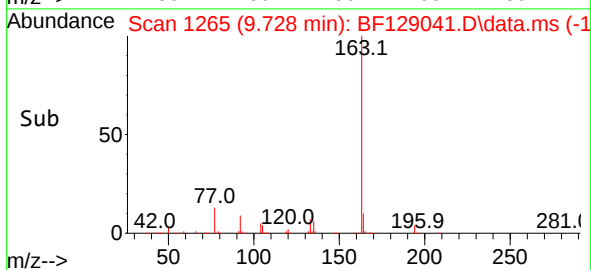
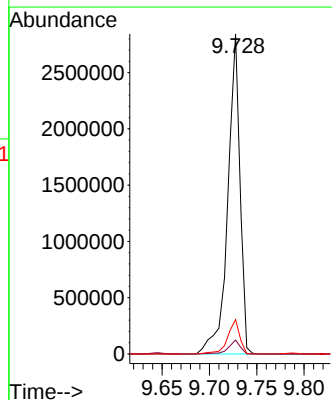
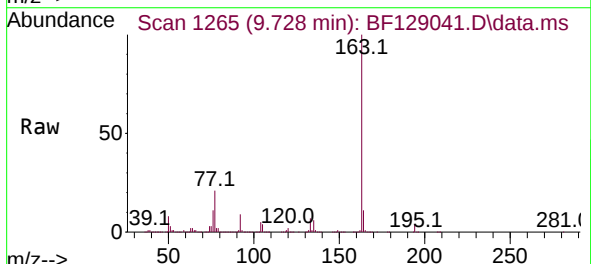
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

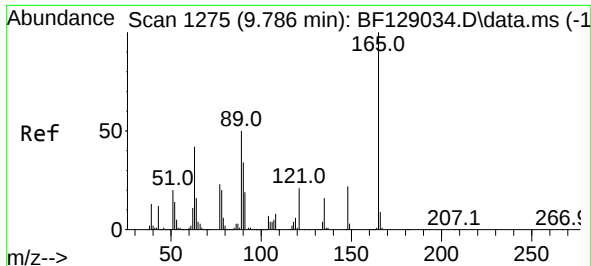
Tgt Ion:152 Resp: 3577698
Ion Ratio Lower Upper
152 100
151 22.8 16.2 24.4
153 15.4 10.7 16.1



#50
Dimethylphthalate
Concen: 45.543 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:163 Resp: 2560891
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.7 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 51.763 ng

RT: 9.786 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

PB145630BSD

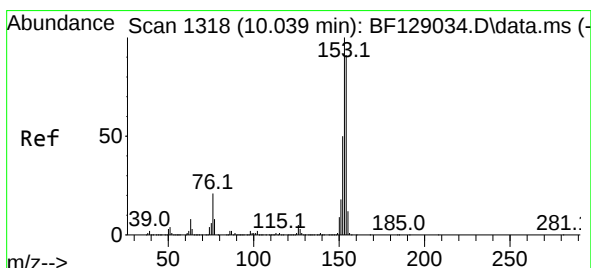
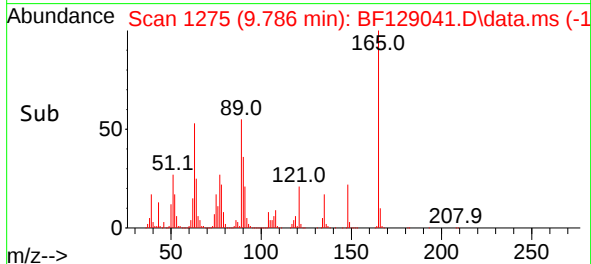
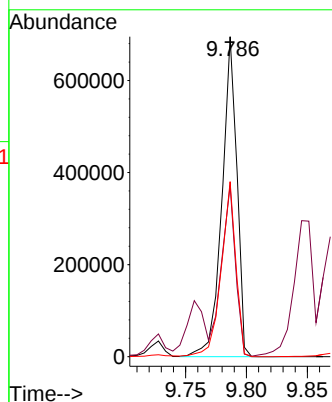
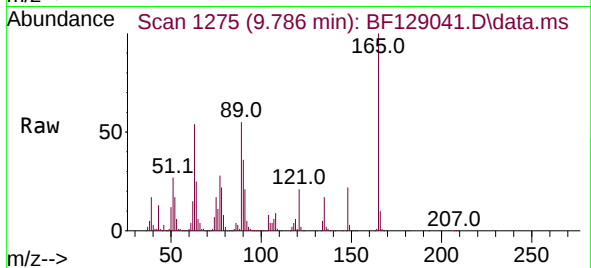
Tgt Ion:165 Resp: 594766

Ion Ratio Lower Upper

165 100

63 53.5 44.9 67.3

89 54.7 43.6 65.4



#52

Acenaphthene

Concen: 49.256 ng

RT: 10.039 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

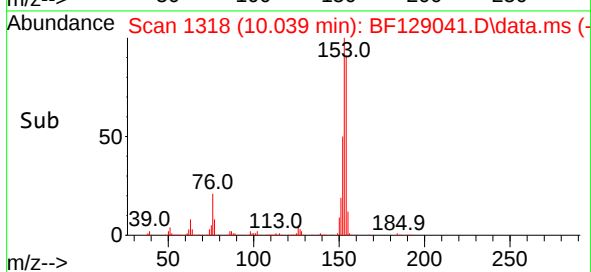
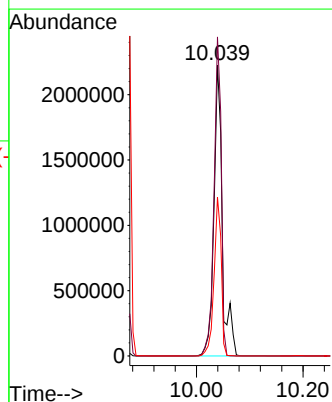
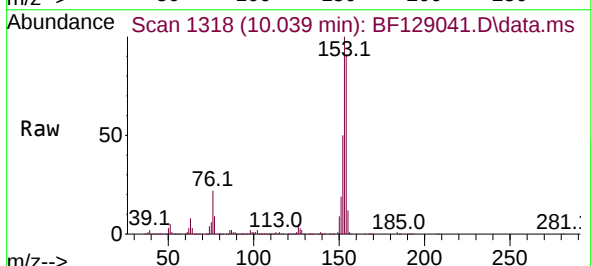
Tgt Ion:154 Resp: 2432762

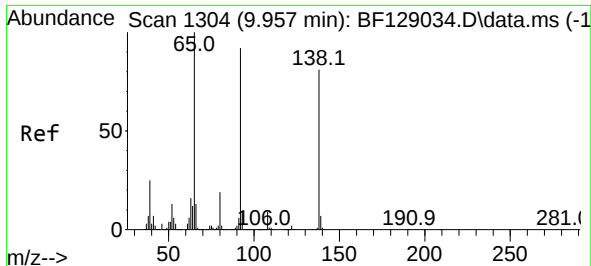
Ion Ratio Lower Upper

154 100

153 109.7 89.6 134.4

152 54.7 42.4 63.6

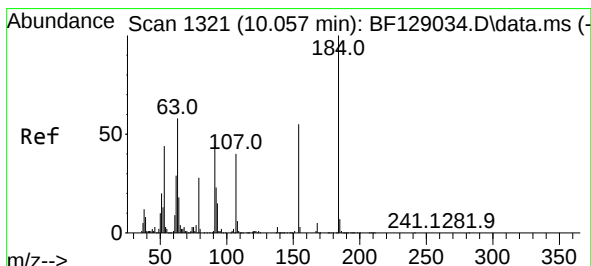
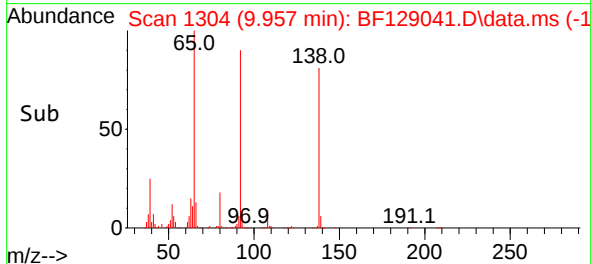
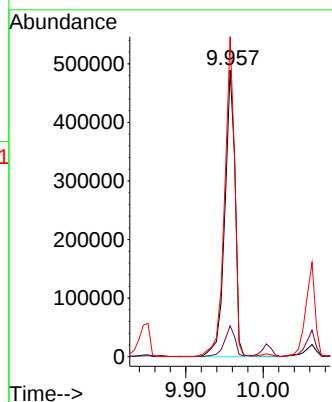
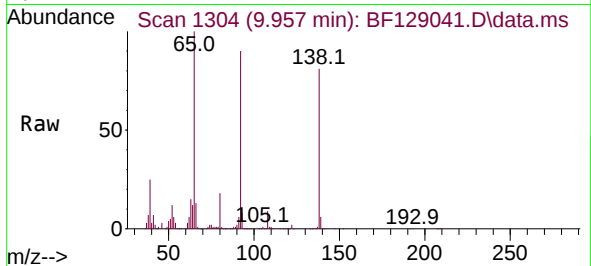




#53
3-Nitroaniline
Concen: 32.977 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

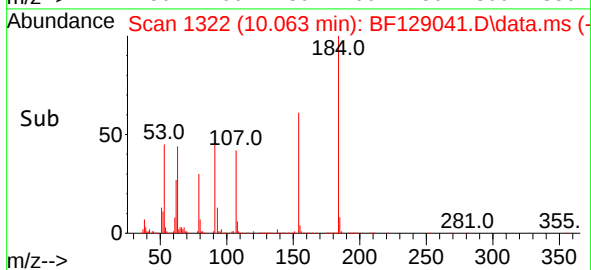
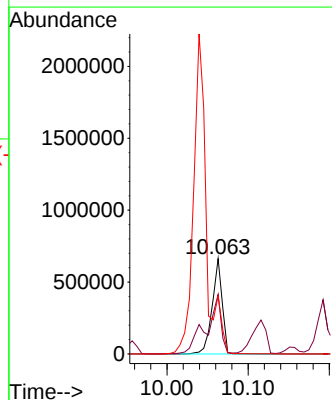
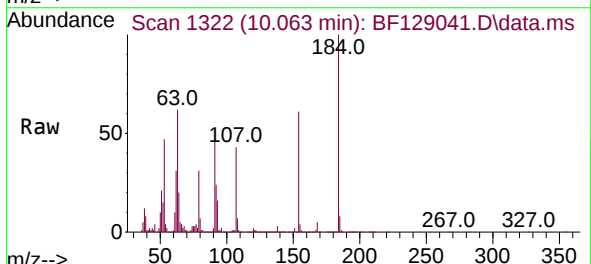
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

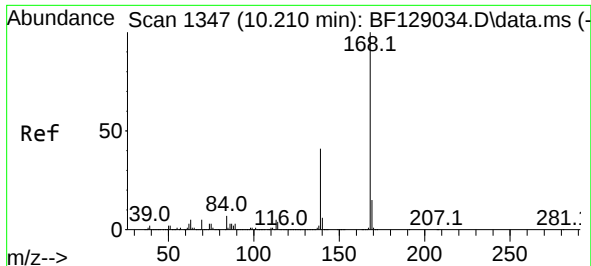
Tgt Ion:138 Resp: 451856
Ion Ratio Lower Upper
138 100
108 10.8 10.9 16.3#
92 111.7 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 89.956 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:184 Resp: 564765
Ion Ratio Lower Upper
184 100
63 62.3 64.5 96.7#
154 60.9 50.6 75.8

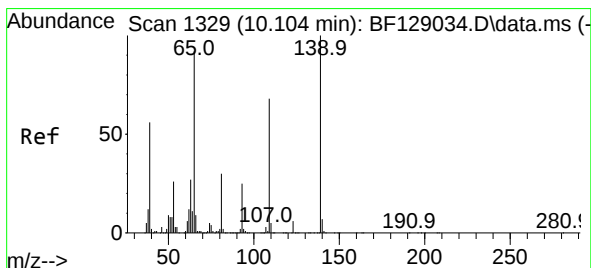
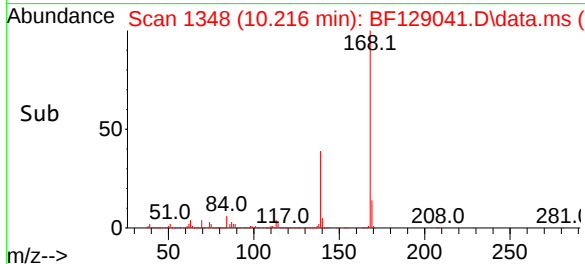
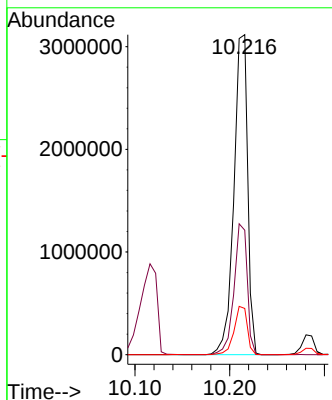
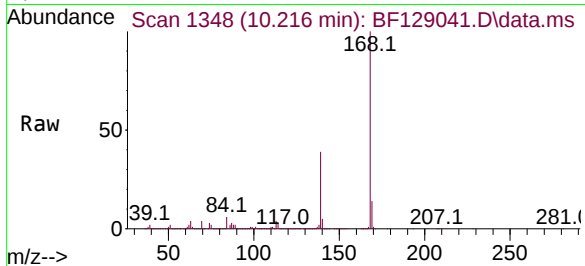




#55
Dibenzenofuran
Concen: 43.720 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

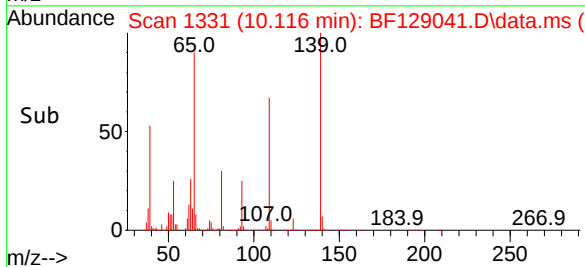
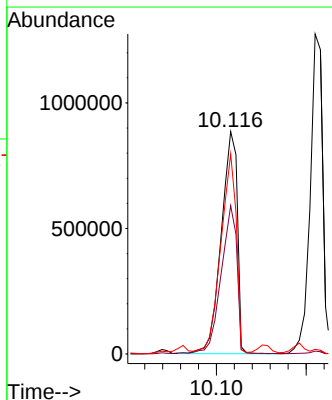
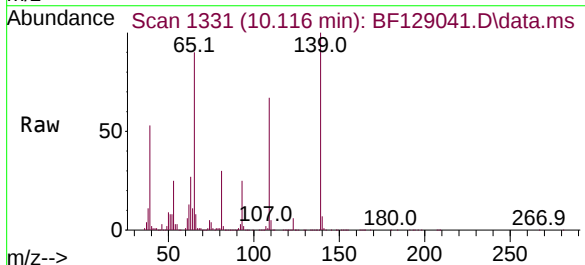
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

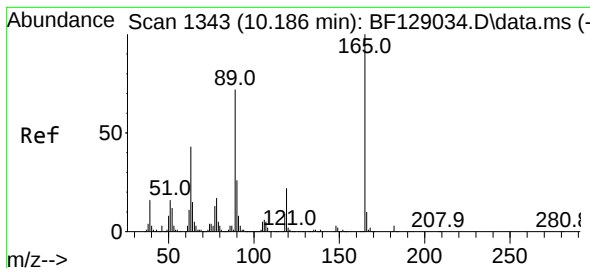
Tgt Ion:168 Resp: 3144266
Ion Ratio Lower Upper
168 100
139 38.9 30.6 46.0
169 14.4 11.0 16.6



#56
4-Nitrophenol
Concen: 98.369 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:139 Resp: 1101297
Ion Ratio Lower Upper
139 100
109 66.7 50.7 90.7
65 90.0 74.5 114.5

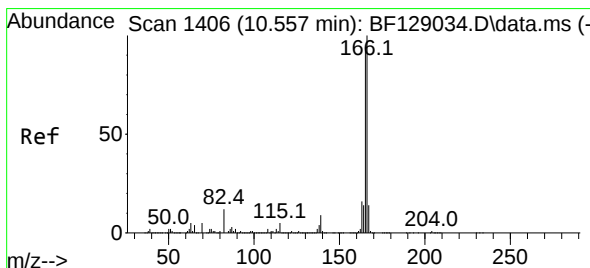
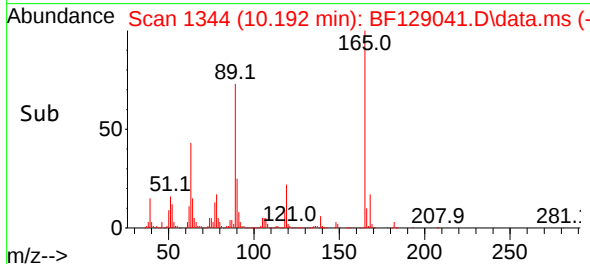
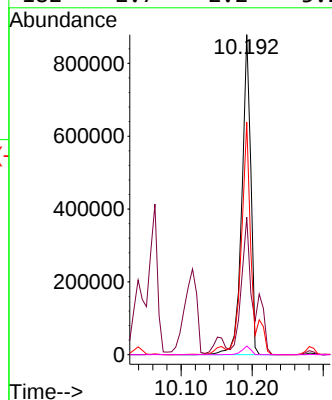
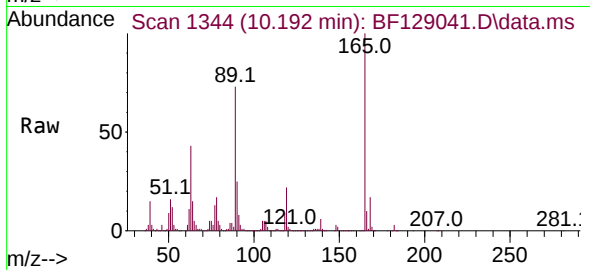




#57
2,4-Dinitrotoluene
Concen: 53.929 ng
RT: 10.192 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

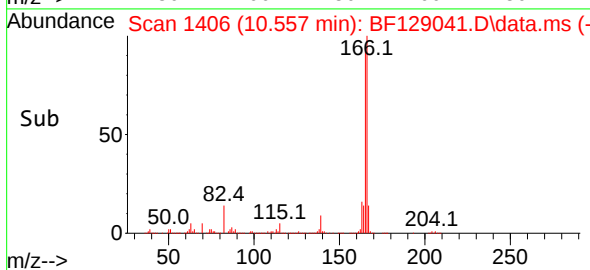
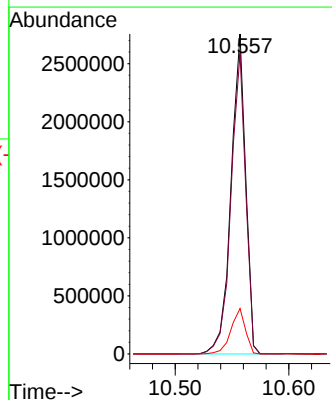
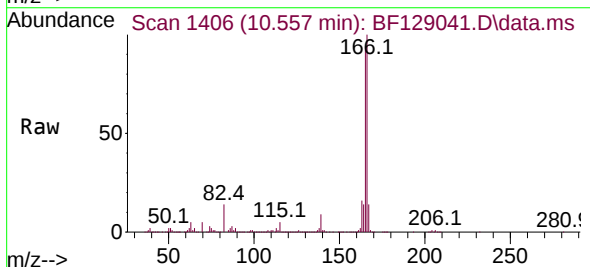
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

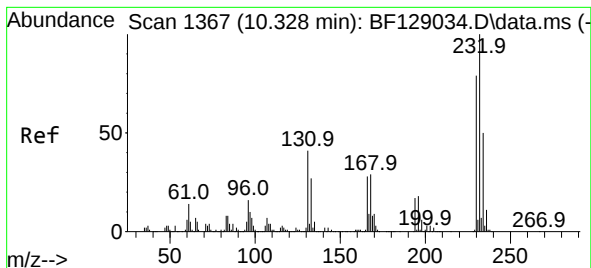
Tgt Ion:165 Resp: 764984
Ion Ratio Lower Upper
165 100
63 43.0 39.8 59.6
89 72.6 60.2 90.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 44.330 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:166 Resp: 2466049
Ion Ratio Lower Upper
166 100
165 94.0 78.1 117.1
167 14.2 10.5 15.7

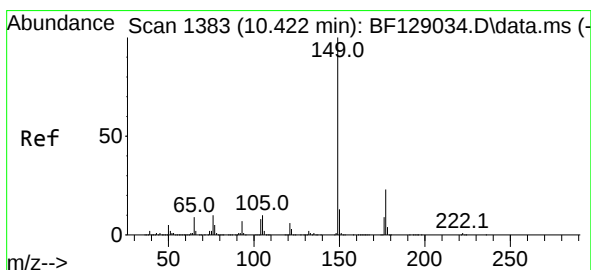
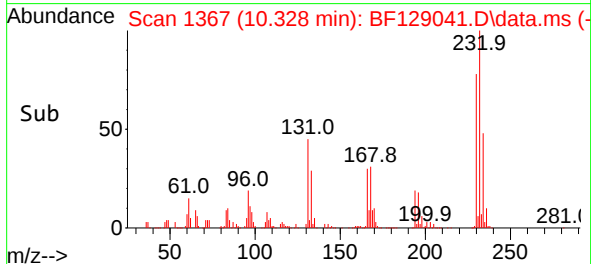
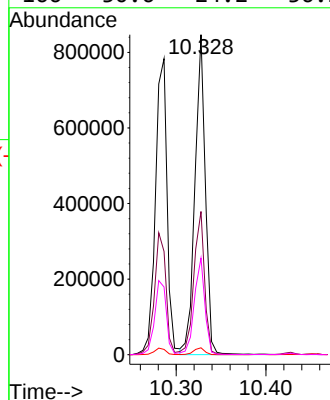
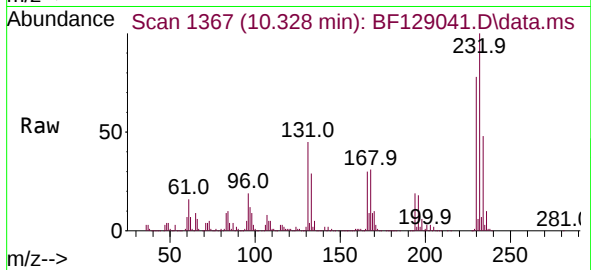




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.194 ng
RT: 10.328 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

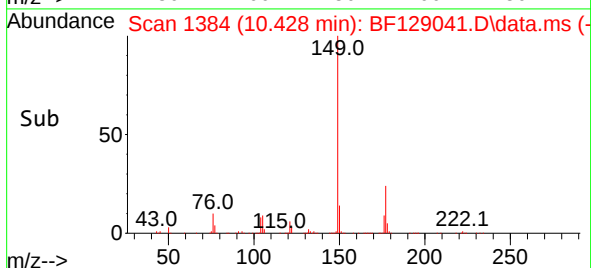
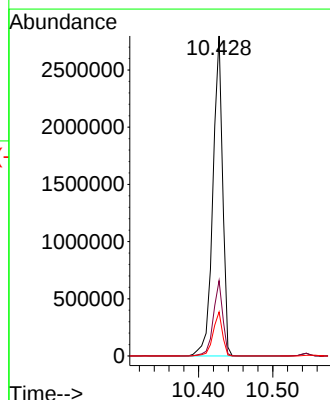
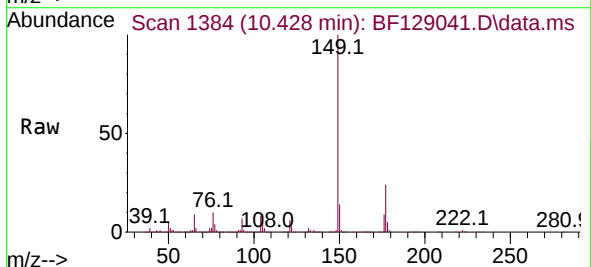
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

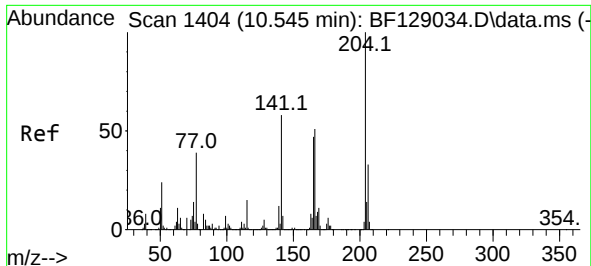
Tgt Ion:232 Resp: 685347
Ion Ratio Lower Upper
232 100
131 46.2 36.1 54.1
130 2.3 1.8 2.8
166 30.6 24.2 36.2



#60
Diethylphthalate
Concen: 45.138 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:149 Resp: 2543282
Ion Ratio Lower Upper
149 100
177 23.6 17.3 25.9
150 13.7 10.2 15.2

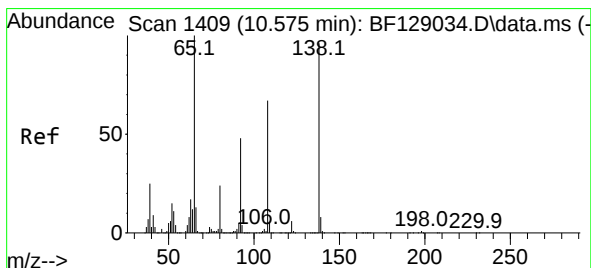
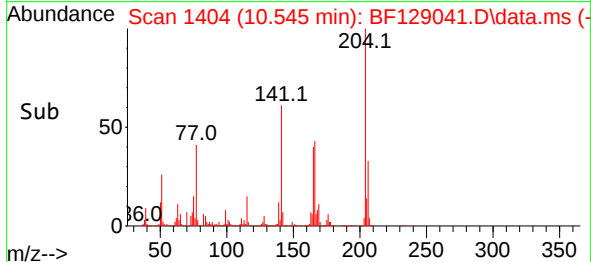
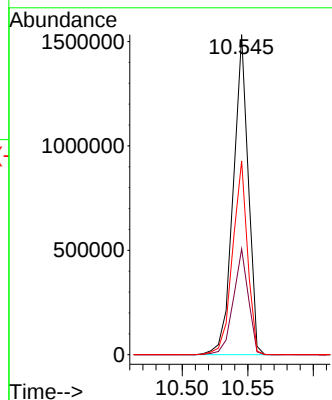
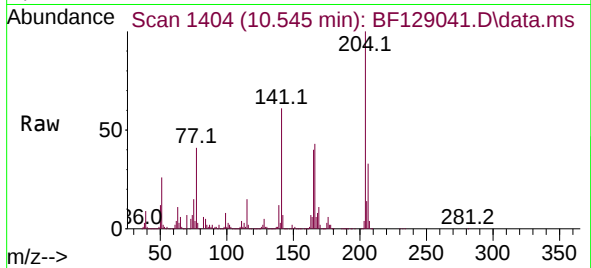




#61
4-Chlorophenyl-phenylether
Concen: 44.027 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

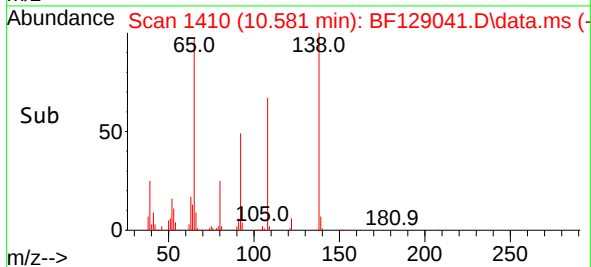
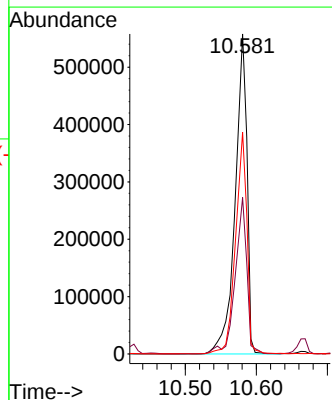
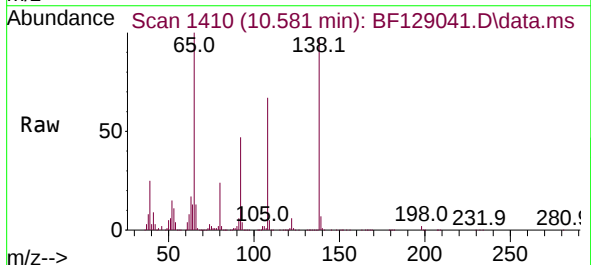
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

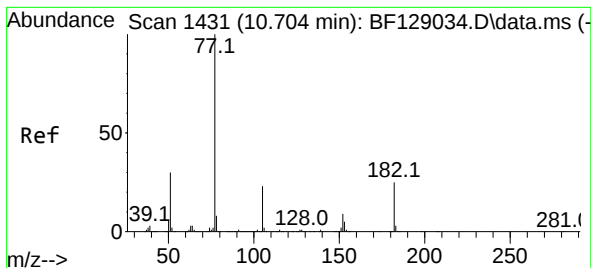
Tgt Ion:204 Resp: 1220301
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 60.6 47.0 70.4



#62
4-Nitroaniline
Concen: 47.496 ng
RT: 10.581 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:138 Resp: 645351
Ion Ratio Lower Upper
138 100
92 48.9 33.5 73.5
108 69.3 61.0 101.0





#63

Azobenzene

Concen: 44.363 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

PB145630BSD

Tgt Ion: 77 Resp: 2448970

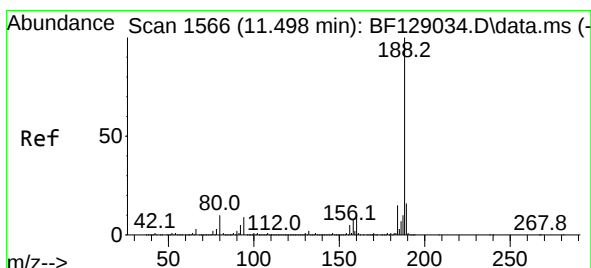
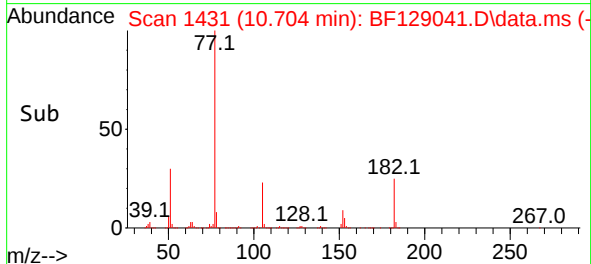
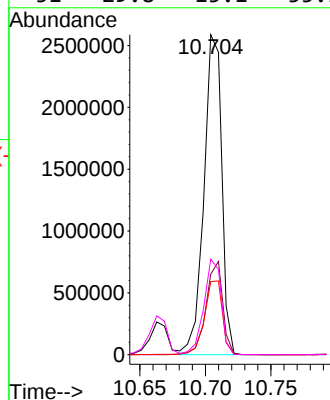
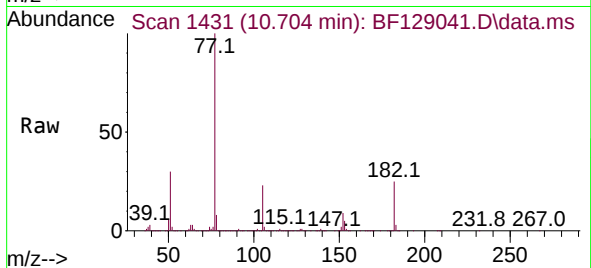
Ion Ratio Lower Upper

77 100

182 25.2 5.6 45.6

105 22.9 1.6 41.6

51 29.8 15.1 55.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

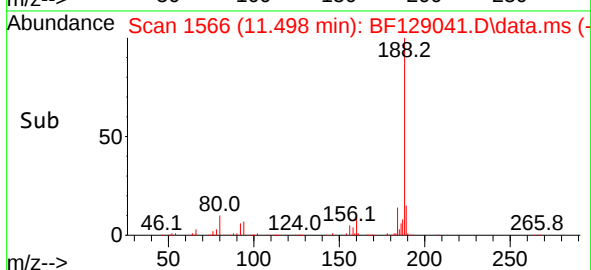
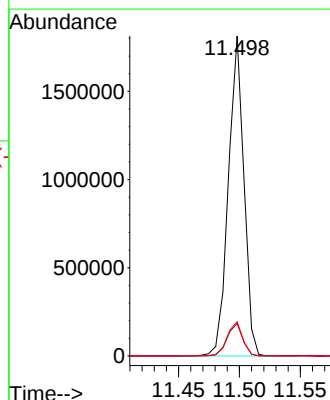
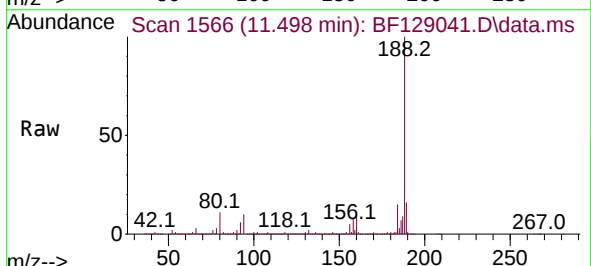
Tgt Ion: 188 Resp: 1609972

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.7 7.6 11.4

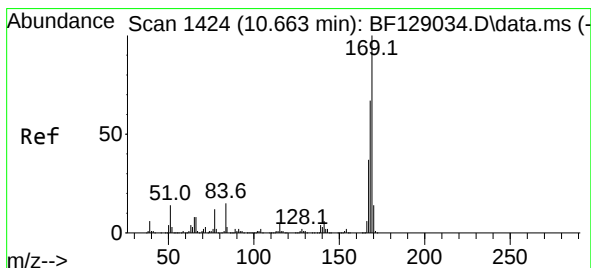
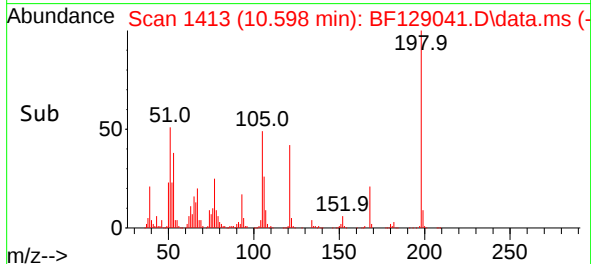
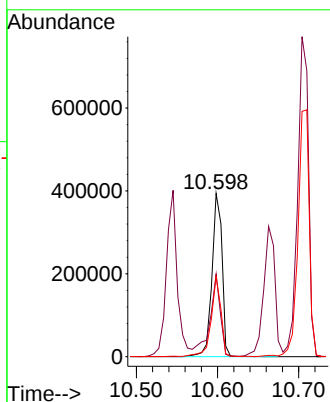
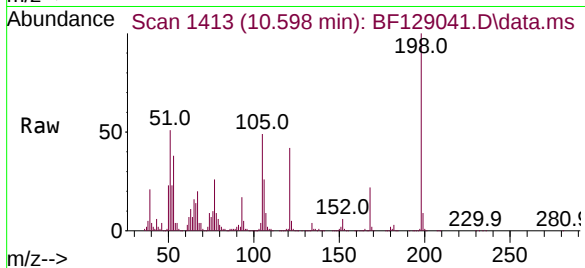




#65
4,6-Dinitro-2-methylphenol
Concen: 47.529 ng
RT: 10.598 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

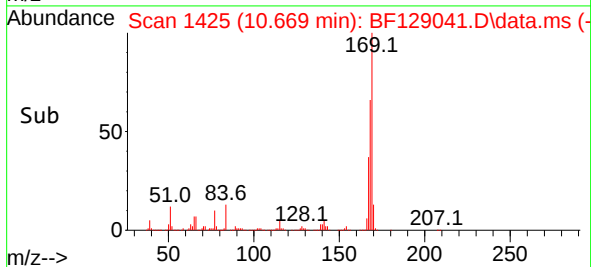
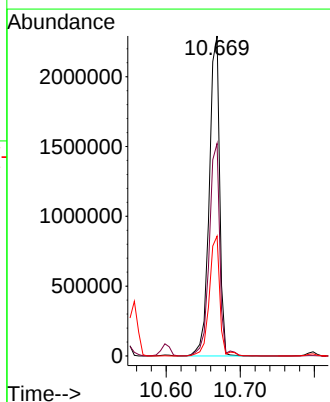
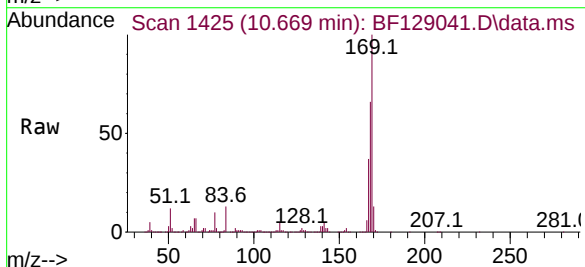
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

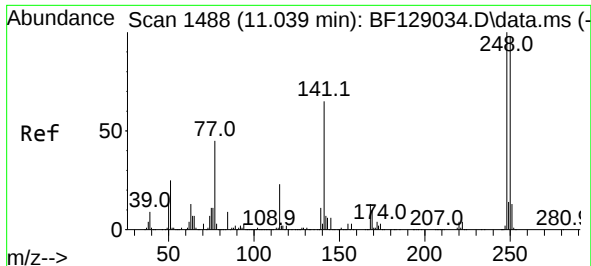
Tgt Ion:198 Resp: 338534
Ion Ratio Lower Upper
198 100
51 50.6 37.6 77.6
105 49.1 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 45.268 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:169 Resp: 2213416
Ion Ratio Lower Upper
169 100
168 66.4 50.1 75.1
167 37.5 27.9 41.9

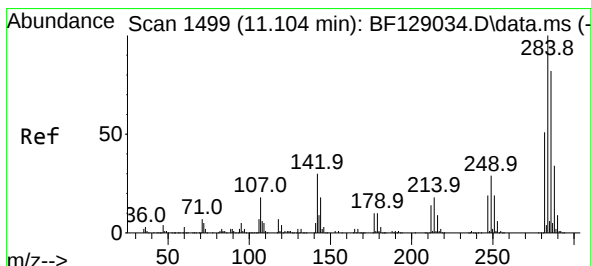
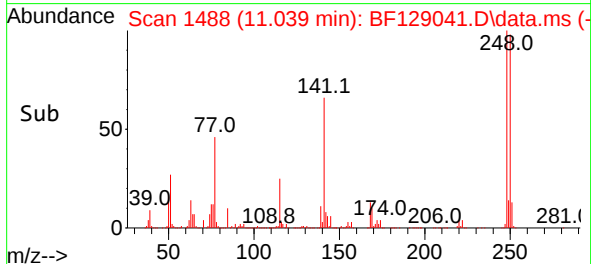
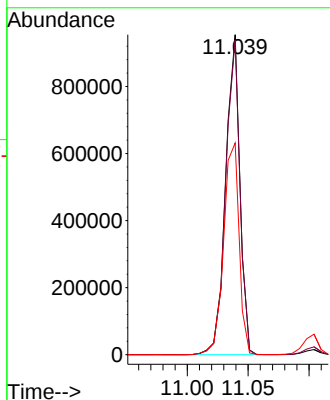
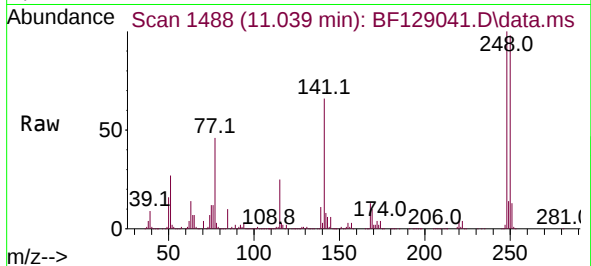




#67
4-Bromophenyl-phenylether
Concen: 45.604 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

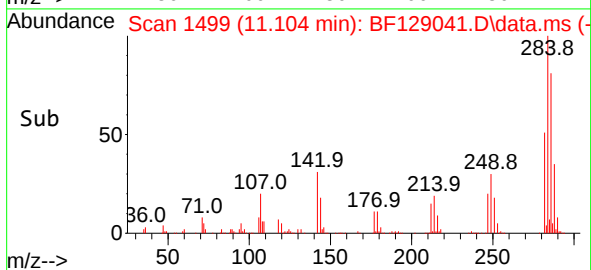
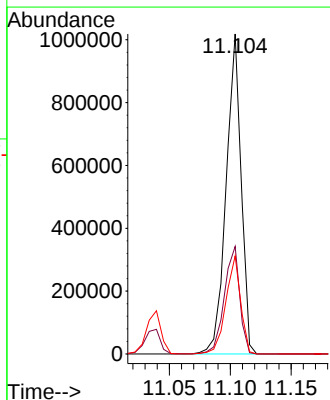
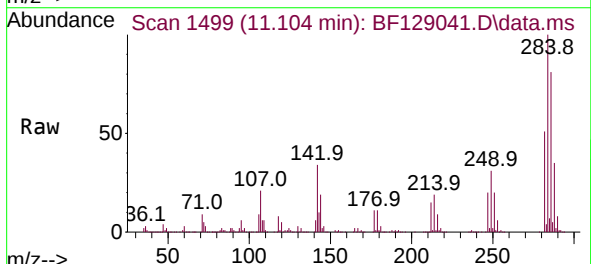
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

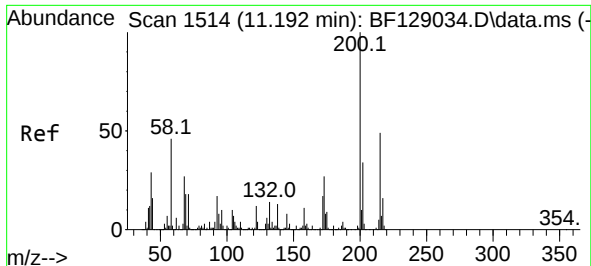
Tgt Ion:248 Resp: 781006
Ion Ratio Lower Upper
248 100
250 98.3 80.6 120.8
141 66.1 58.9 88.3



#68
Hexachlorobenzene
Concen: 45.789 ng
RT: 11.104 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:284 Resp: 873198
Ion Ratio Lower Upper
284 100
142 33.6 29.0 43.4
249 30.7 25.0 37.6

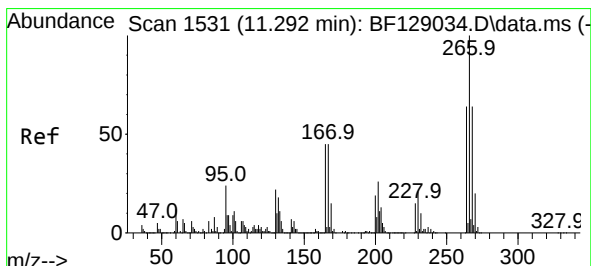
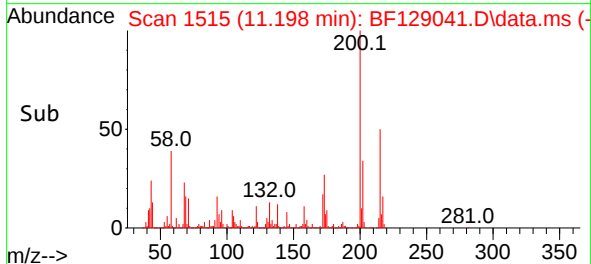
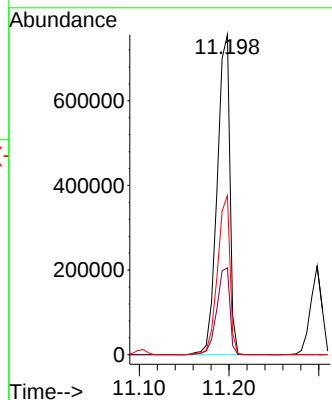
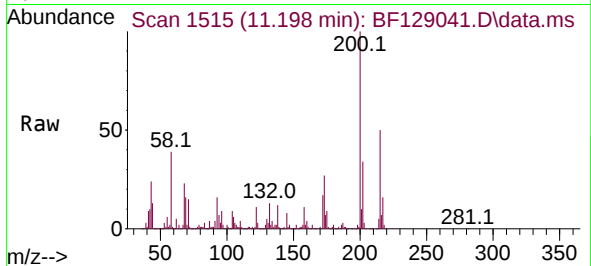




#69
Atrazine
Concen: 53.758 ng
RT: 11.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

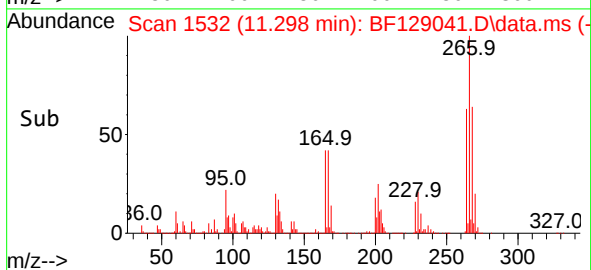
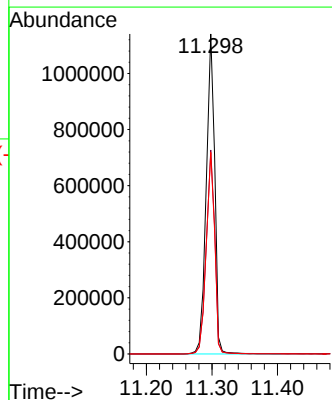
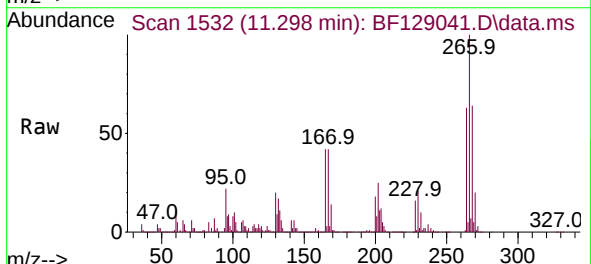
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

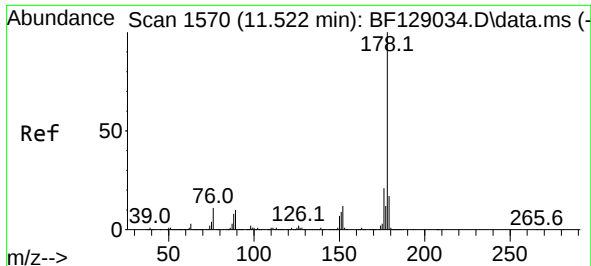
Tgt Ion:200 Resp: 739656
Ion Ratio Lower Upper
200 100
173 27.2 6.3 46.3
215 49.8 28.3 68.3



#70
Pentachlorophenol
Concen: 90.553 ng
RT: 11.298 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:266 Resp: 1028535
Ion Ratio Lower Upper
266 100
268 63.8 51.0 76.4
264 63.0 49.4 74.2

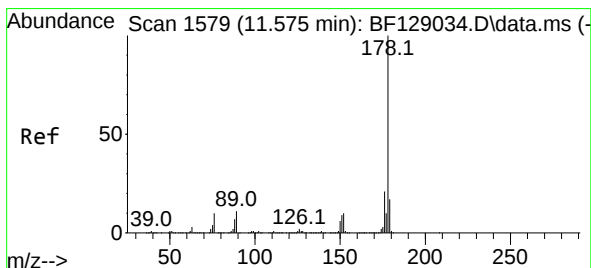
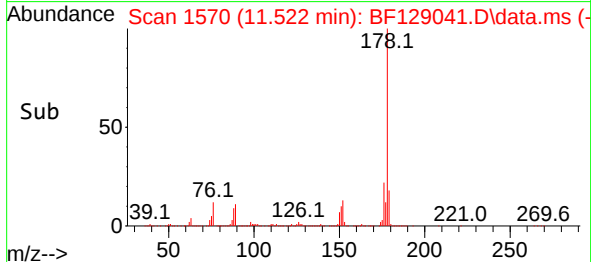
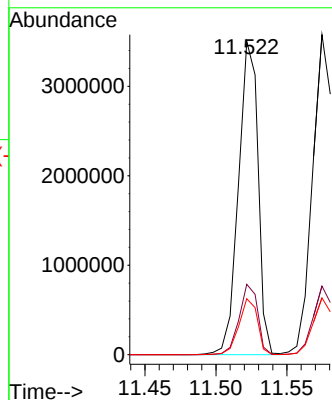
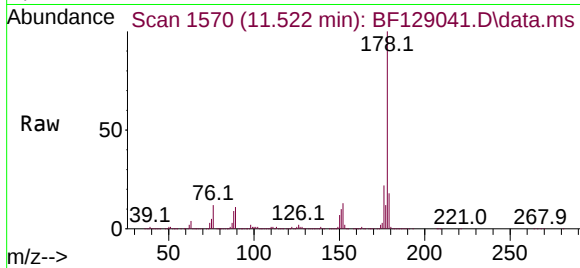




#71
Phenanthrene
Concen: 43.867 ng
RT: 11.522 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

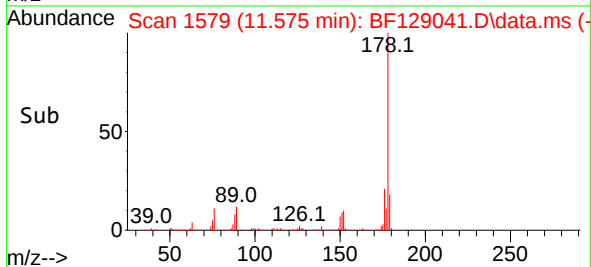
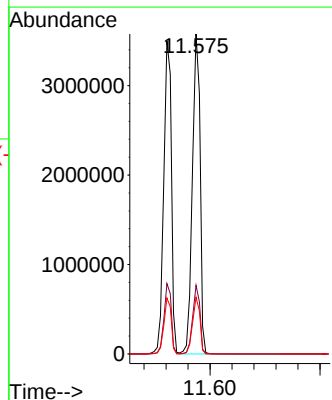
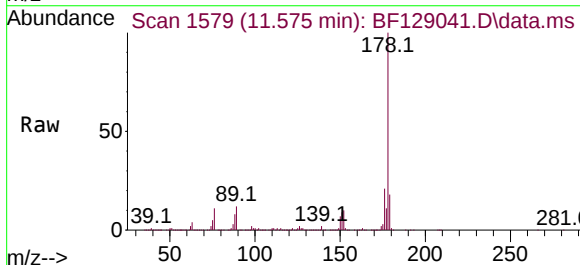
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

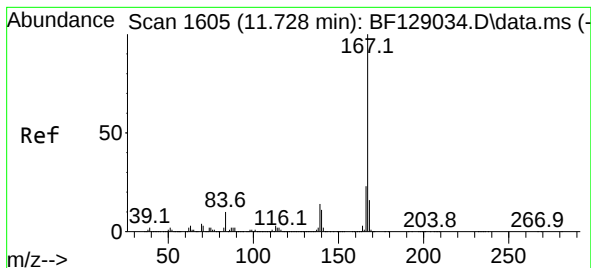
Tgt Ion:178 Resp: 3374446
Ion Ratio Lower Upper
178 100
176 22.5 16.0 24.0
179 17.9 12.6 19.0



#72
Anthracene
Concen: 45.760 ng
RT: 11.575 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:178 Resp: 3470517
Ion Ratio Lower Upper
178 100
176 21.4 15.4 23.2
179 17.8 12.6 19.0

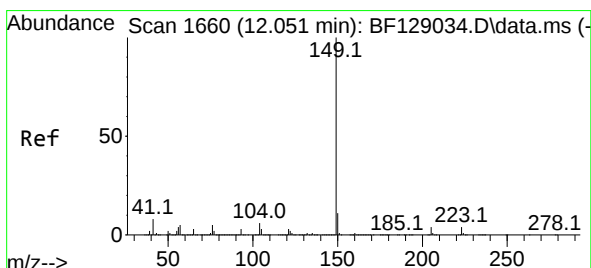
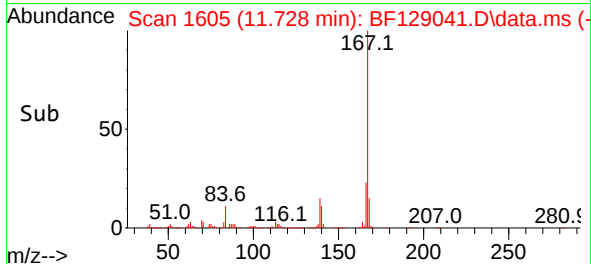
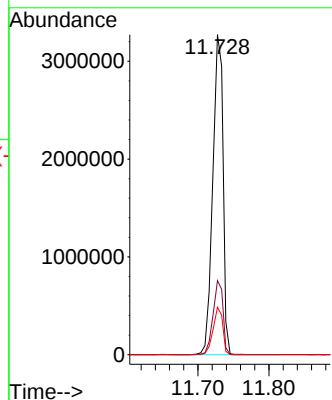
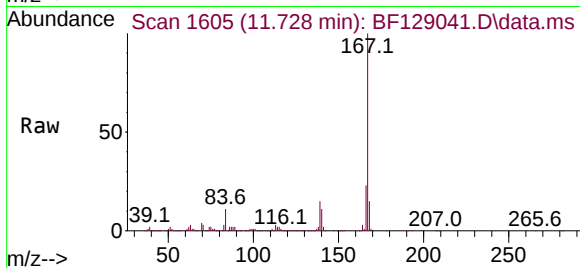




#73
 Carbazole
 Concen: 43.368 ng
 RT: 11.728 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129041.D
 Acq: 29 Jun 2022 17:58

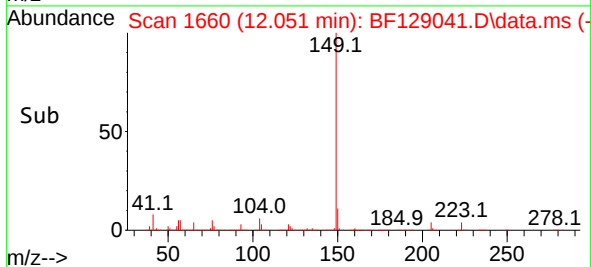
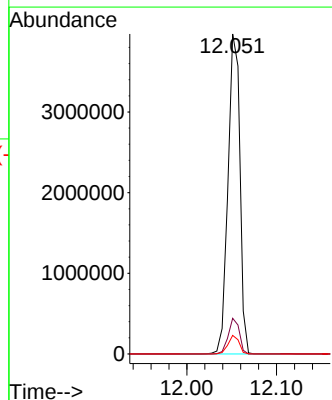
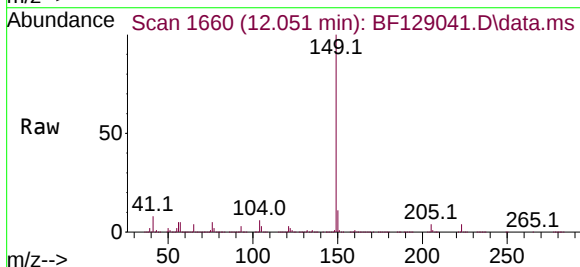
Instrument :
 BNA_F
 ClientSampleId :
 PB145630BSD

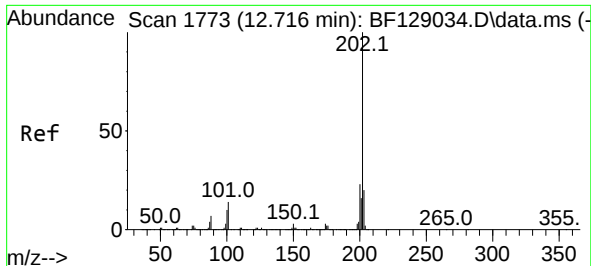
Tgt Ion:167 Resp: 3295833
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.7 26.5
 139 14.9 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 45.638 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129041.D
 Acq: 29 Jun 2022 17:58

Tgt Ion:149 Resp: 3656881
 Ion Ratio Lower Upper
 149 100
 150 11.2 7.5 11.3
 104 5.8 4.4 6.6

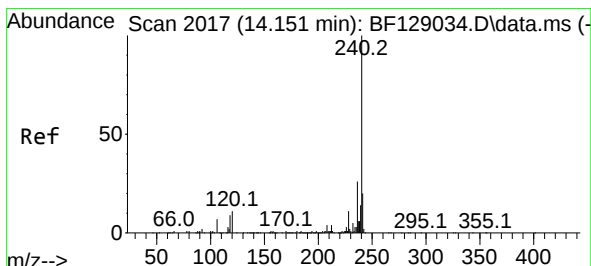
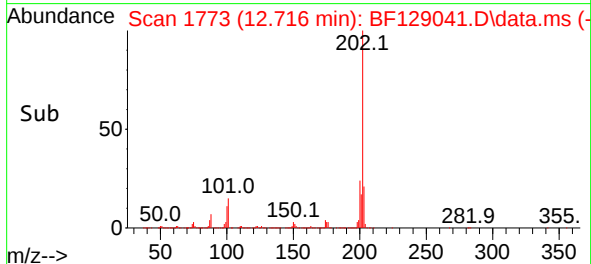
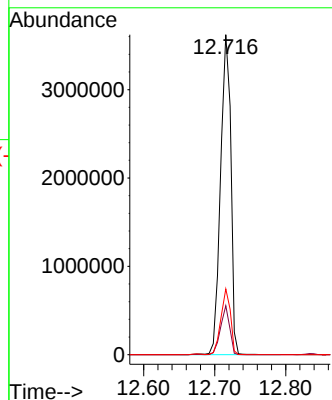
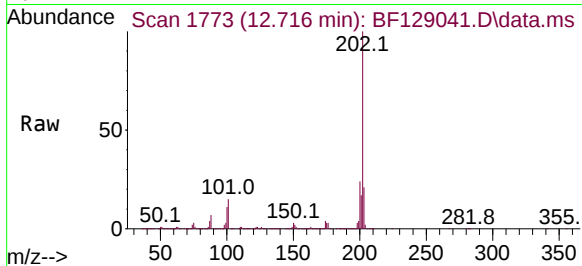




#75
Fluoranthene
Concen: 44.920 ng
RT: 12.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

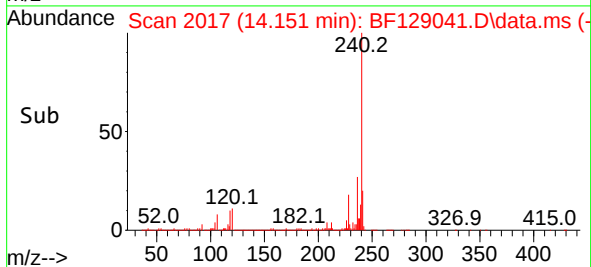
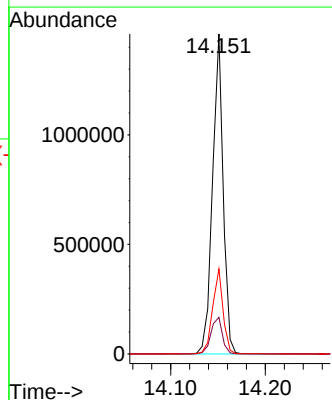
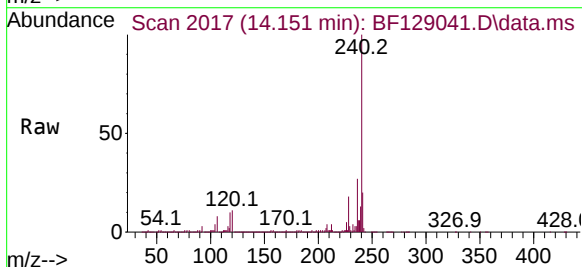
Instrument :
BNA_F
ClientSampleId :
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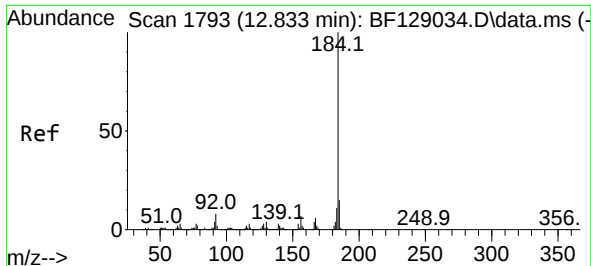
Tgt Ion:202 Resp: 3613760
Ion Ratio Lower Upper
202 100
101 15.3 0.0 31.4
203 20.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:240 Resp: 1134407
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.6 20.8 31.2

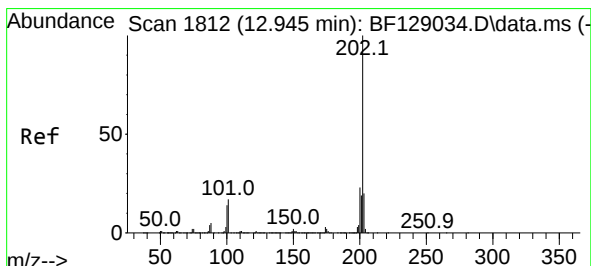
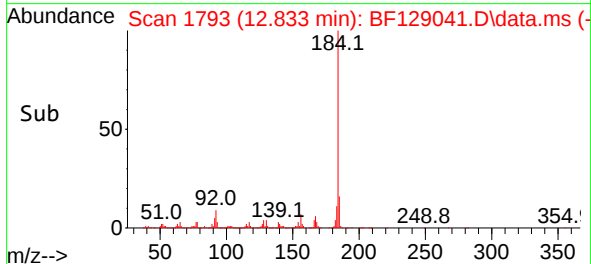
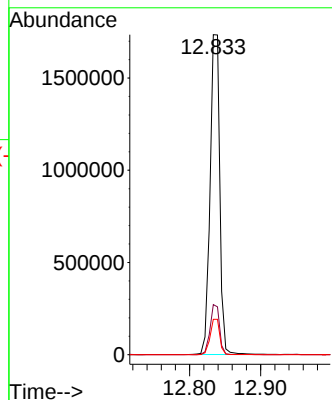
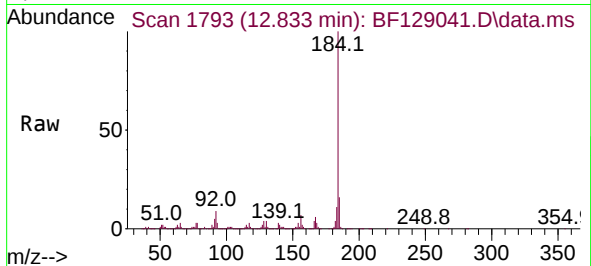




#77
Benzidine
Concen: 81.563 ng
RT: 12.833 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

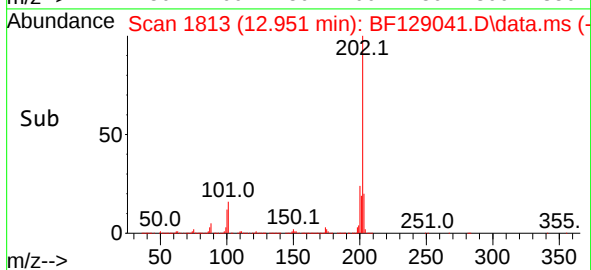
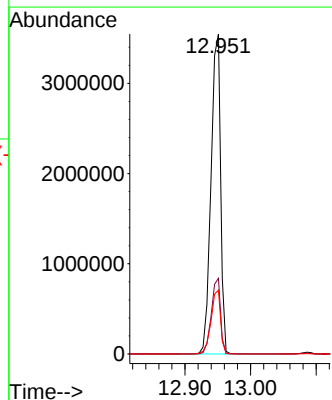
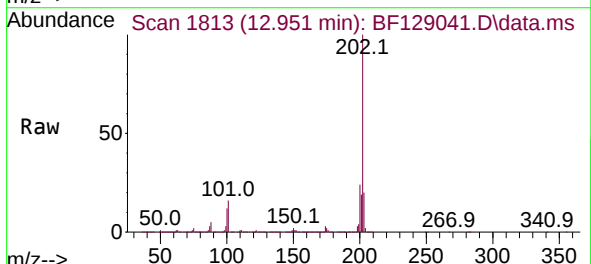
Instrument :
BNA_F
ClientSampleId :
PB145630BSD

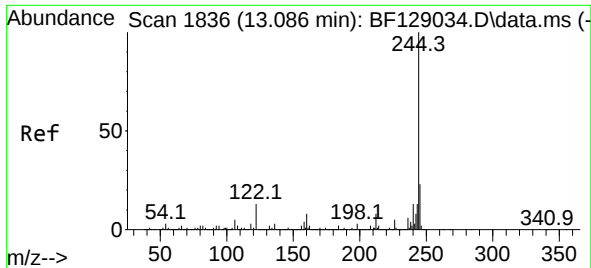
Tgt Ion:184 Resp: 1647544
Ion Ratio Lower Upper
184 100
185 15.6 11.9 17.9
183 11.0 9.3 13.9



#78
Pyrene
Concen: 45.913 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:202 Resp: 3610229
Ion Ratio Lower Upper
202 100
200 23.7 17.7 26.5
203 20.0 14.6 21.8

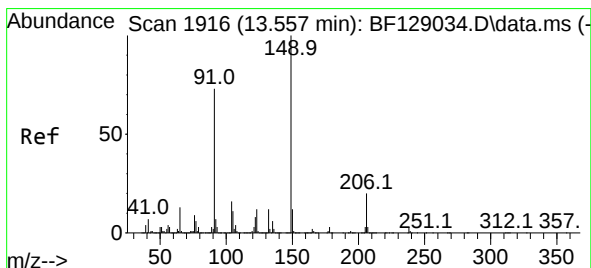
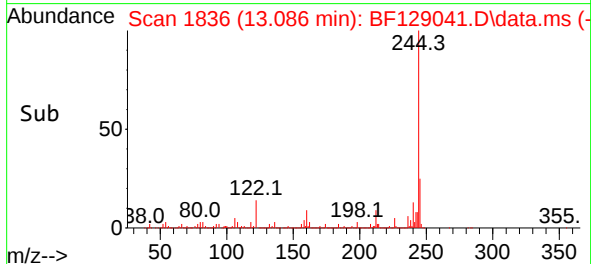
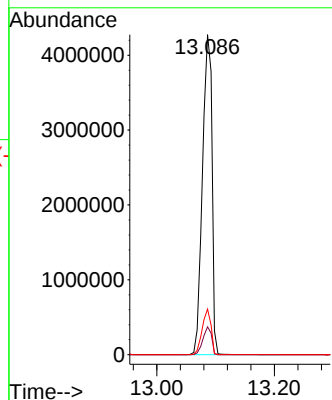
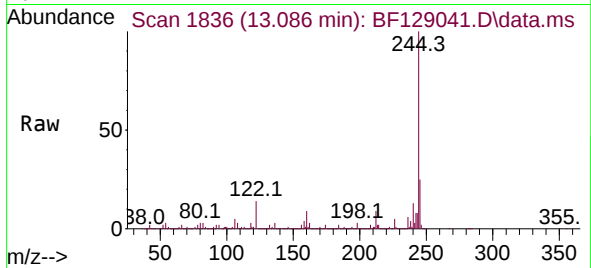




#79
 Terphenyl-d14
 Concen: 87.695 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129041.D
 Acq: 29 Jun 2022 17:58

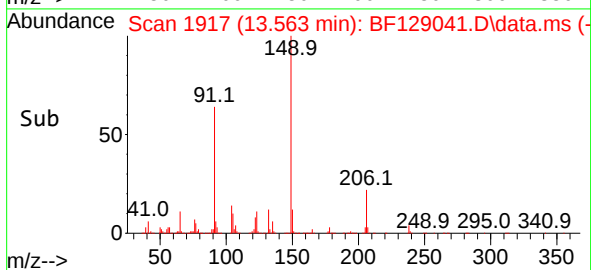
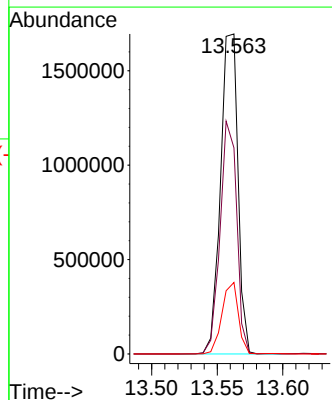
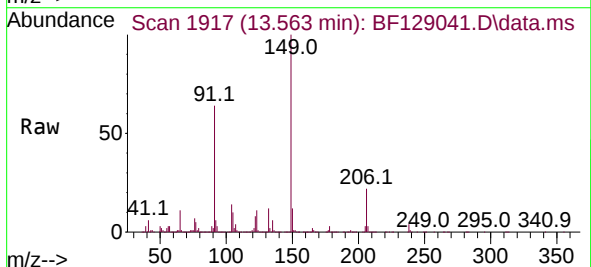
Instrument :
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 PB145630BSD

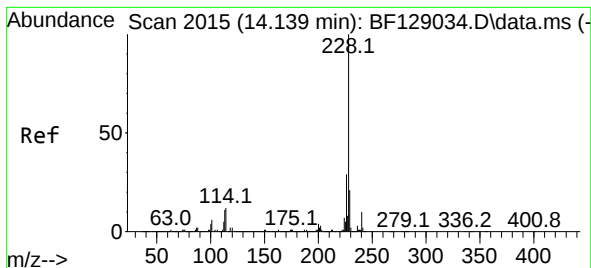
Tgt Ion:244 Resp: 4790518
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.1 9.1
 122 14.3 8.8 13.2#



#80
 Butylbenzylphthalate
 Concen: 48.955 ng
 RT: 13.563 min Scan# 1917
 Delta R.T. 0.006 min
 Lab File: BF129041.D
 Acq: 29 Jun 2022 17:58

Tgt Ion:149 Resp: 1568207
 Ion Ratio Lower Upper
 149 100
 91 64.4 61.2 91.8
 206 22.4 15.7 23.5





#81

Benzo(a)anthracene

Concen: 45.870 ng

RT: 14.139 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

PB145630BSD

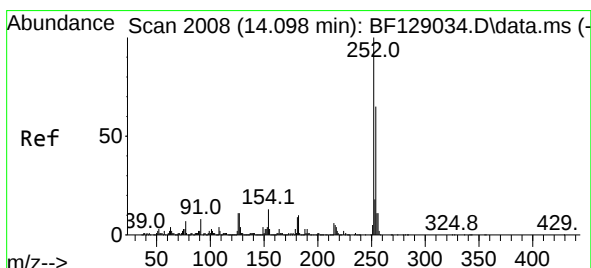
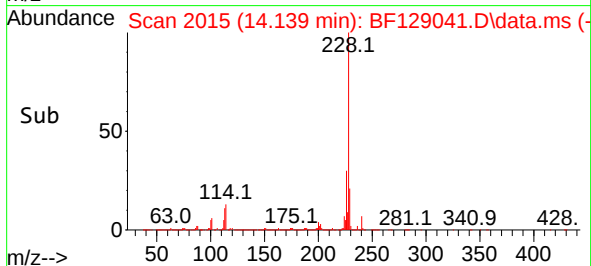
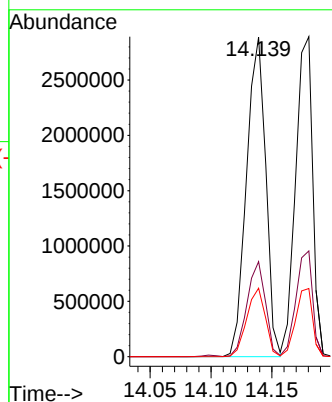
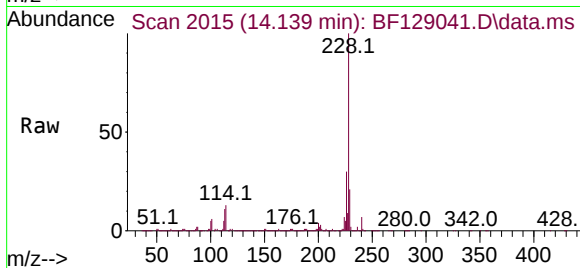
Tgt Ion:228 Resp: 3177214

Ion Ratio Lower Upper

228 100

226 29.8 22.1 33.1

229 21.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 44.829 ng

RT: 14.098 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

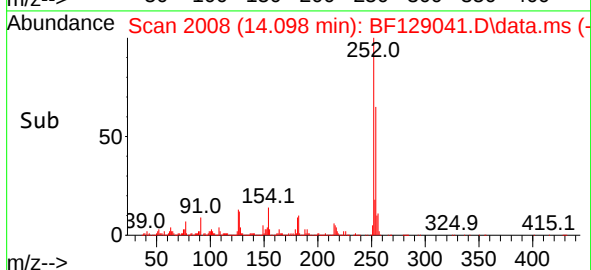
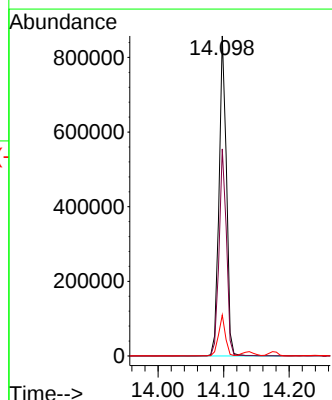
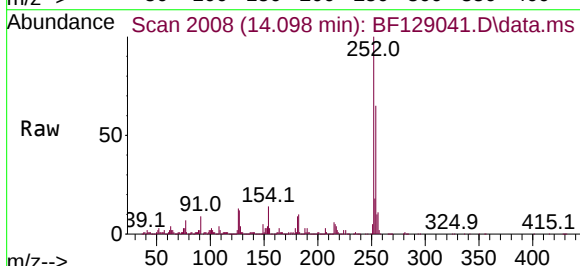
Tgt Ion:252 Resp: 670925

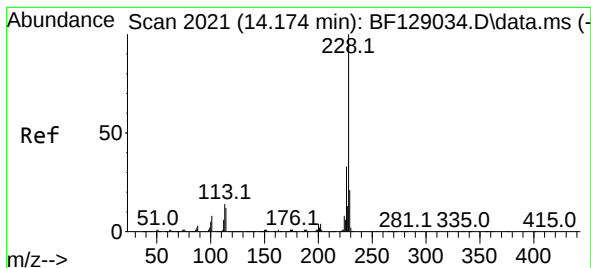
Ion Ratio Lower Upper

252 100

254 64.7 50.2 75.4

126 12.8 8.2 12.4#





#83

Chrysene

Concen: 43.663 ng

RT: 14.180 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

PB145630BSD

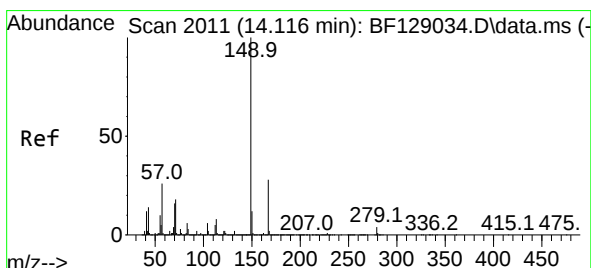
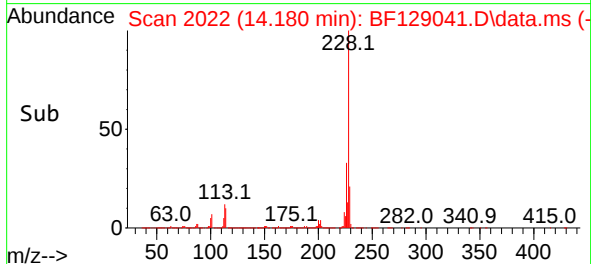
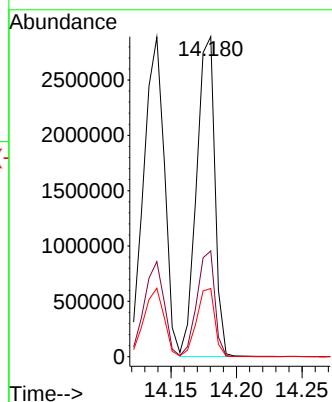
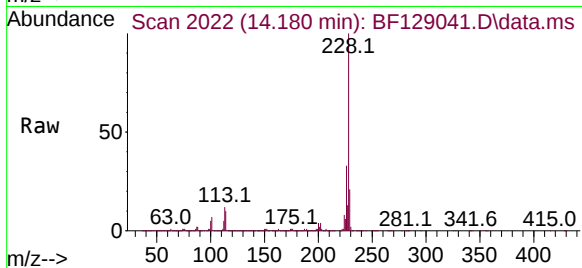
Tgt Ion:228 Resp: 2807640

Ion Ratio Lower Upper

228 100

226 33.0 24.3 36.5

229 21.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.068 ng

RT: 14.116 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

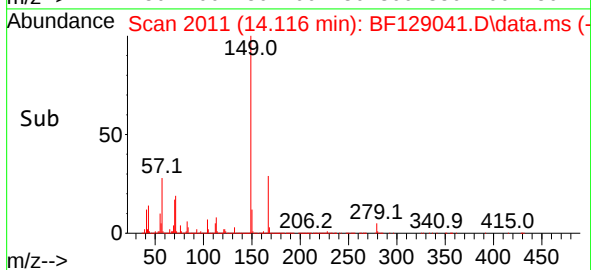
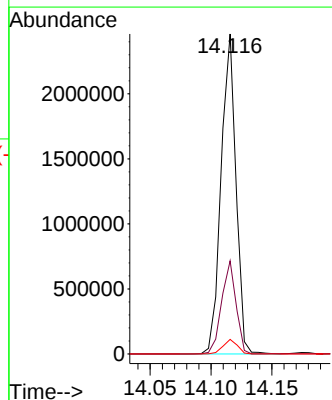
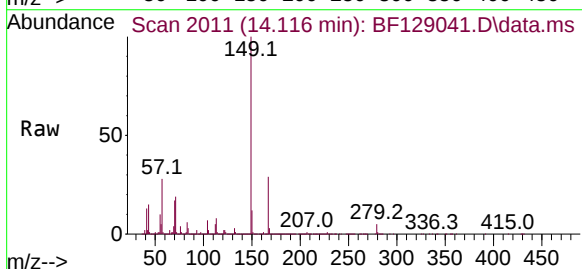
Tgt Ion:149 Resp: 2088930

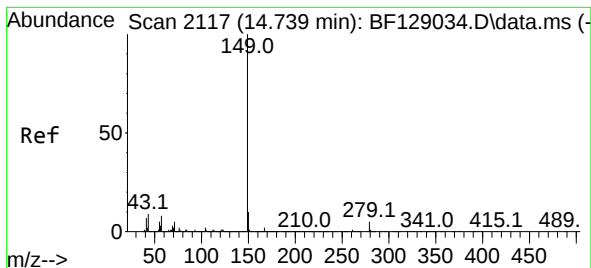
Ion Ratio Lower Upper

149 100

167 29.1 21.0 31.4

279 4.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 49.369 ng

RT: 14.739 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

PB145630BSD

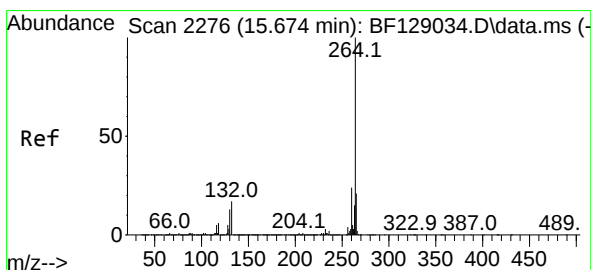
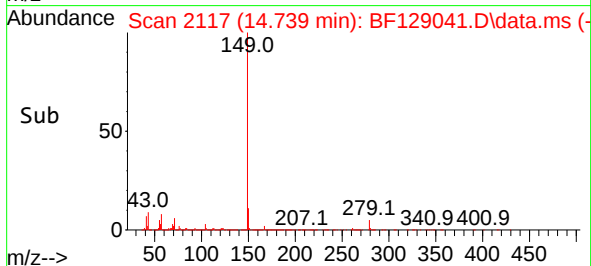
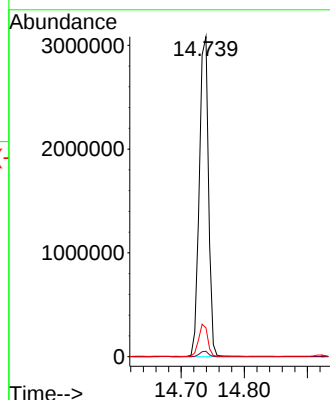
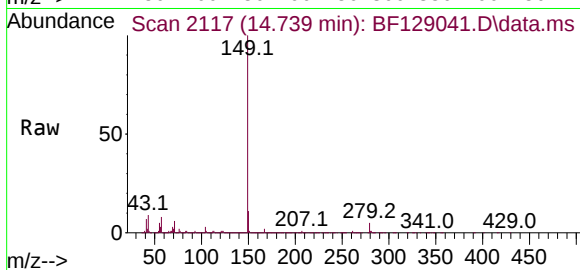
Tgt Ion:149 Resp: 3102657

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

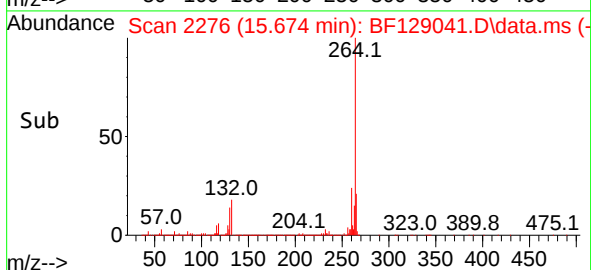
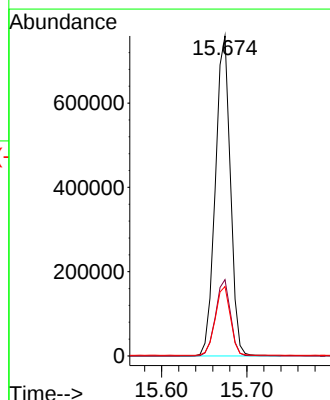
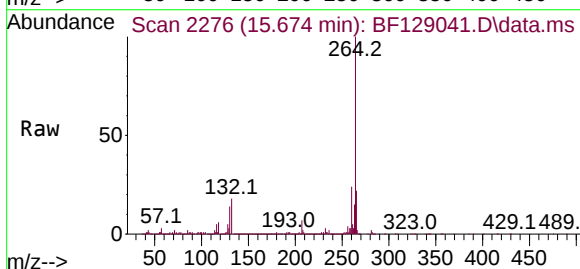
Tgt Ion:264 Resp: 929294

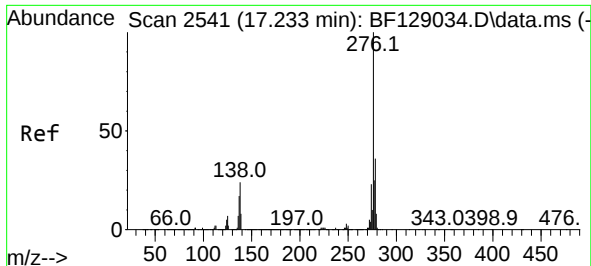
Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.7 17.2 25.8

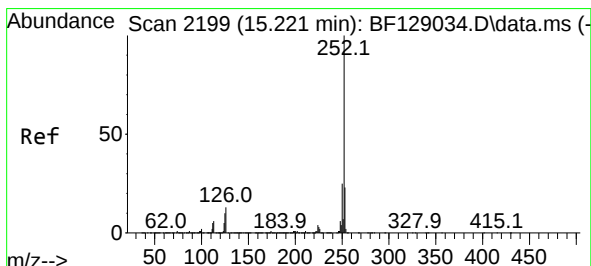
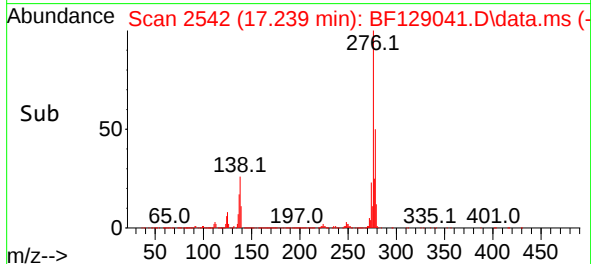
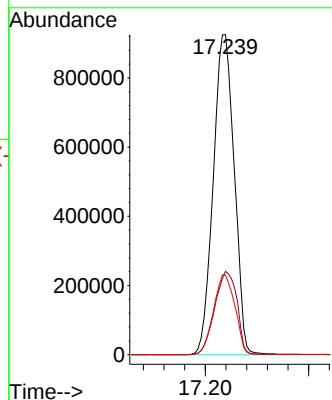
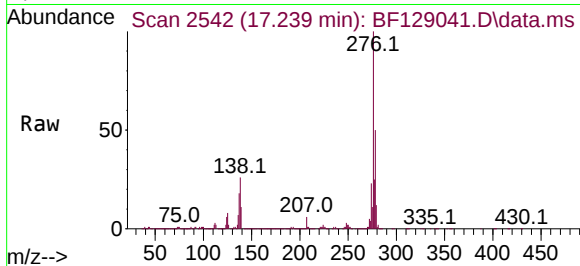




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.832 ng
 RT: 17.239 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129041.D
 Acq: 29 Jun 2022 17:58

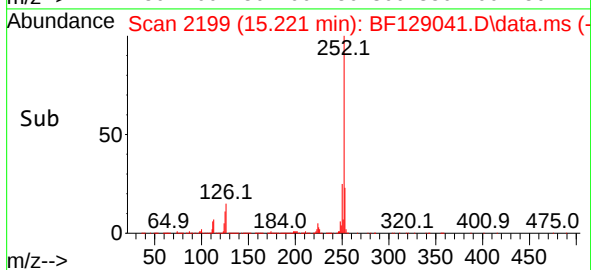
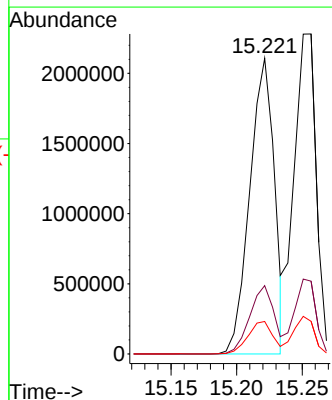
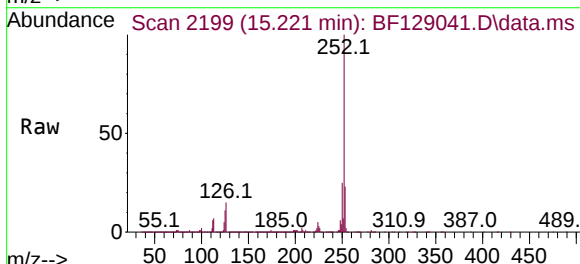
Instrument :
 BNA_F
 ClientSampleId :
 PB145630BSD

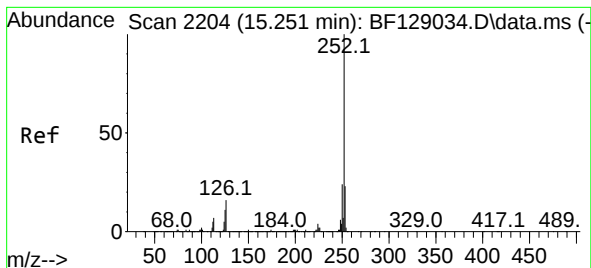
Tgt Ion:276 Resp: 2612249
 Ion Ratio Lower Upper
 276 100
 138 27.5 21.1 31.7
 277 25.5 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 49.116 ng
 RT: 15.221 min Scan# 2199
 Delta R.T. -0.000 min
 Lab File: BF129041.D
 Acq: 29 Jun 2022 17:58

Tgt Ion:252 Resp: 2745002
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.7 26.5
 125 11.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 49.564 ng

RT: 15.257 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

PB145630BSD

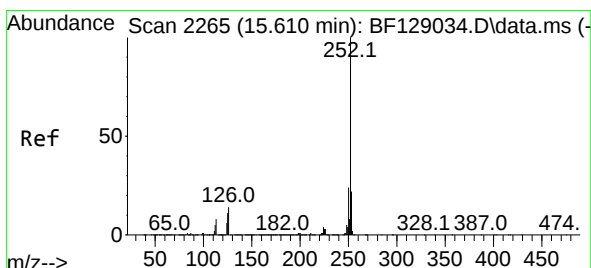
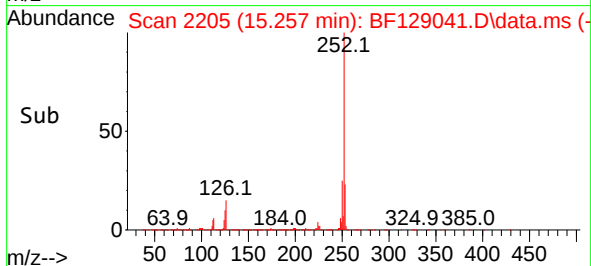
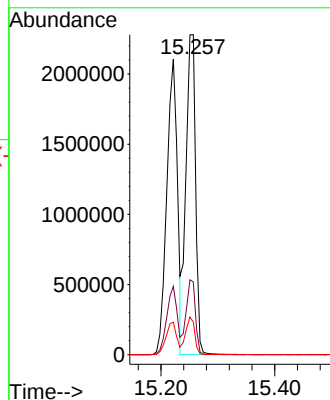
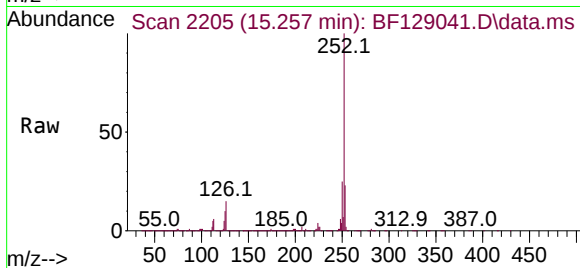
Tgt Ion:252 Resp: 2686676

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 10.2 8.3 12.5



#90

Benzo(a)pyrene

Concen: 56.333 ng

RT: 15.610 min Scan# 2265

Delta R.T. -0.000 min

Lab File: BF129041.D

Acq: 29 Jun 2022 17:58

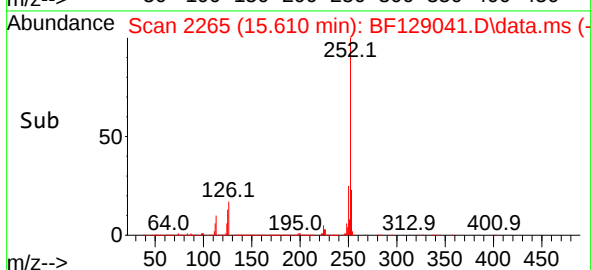
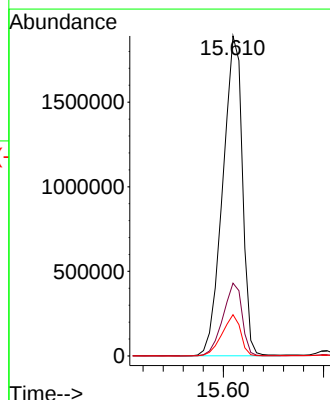
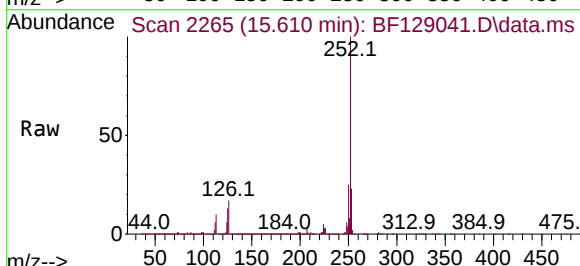
Tgt Ion:252 Resp: 2566546

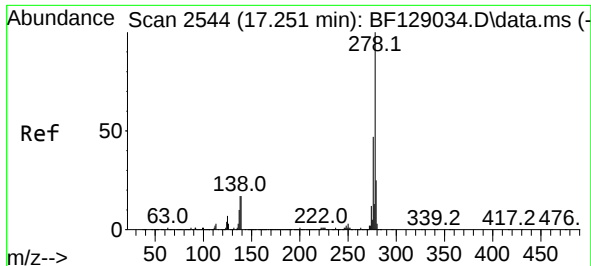
Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

125 12.9 8.8 13.2

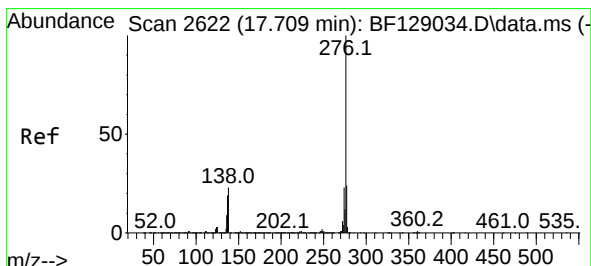
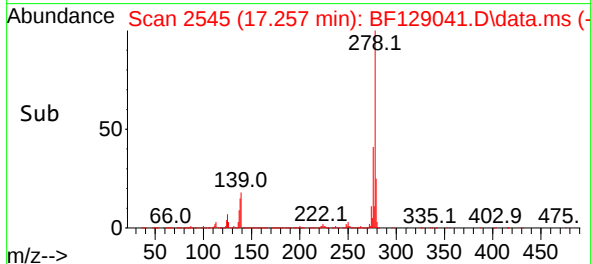
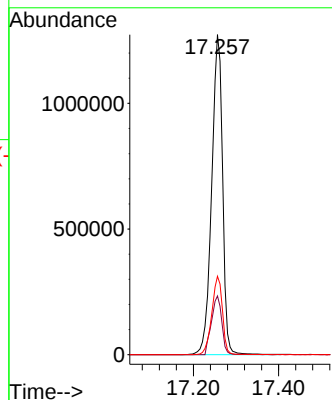
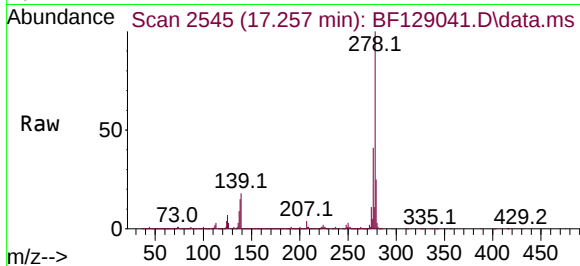




#91
Dibenzo(a,h)anthracene
Concen: 48.678 ng
RT: 17.257 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Instrument :
BNA_F
ClientSampleId :
PB145630BSD

Tgt Ion:278 Resp: 2261708
Ion Ratio Lower Upper
278 100
139 18.4 12.8 19.2
279 24.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 48.311 ng
RT: 17.715 min Scan# 2623
Delta R.T. 0.006 min
Lab File: BF129041.D
Acq: 29 Jun 2022 17:58

Tgt Ion:276 Resp: 2252022
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 24.0 18.0 27.0

