

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
 Data File : BF129702.D
 Acq On : 10 Aug 2022 18:46
 Operator : CG\JU
 Sample : N4122-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/11/2022
 Supervised By : Jagrut Upadhyay 08/11/2022

Quant Time: Aug 10 21:34:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 15:26:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/11/2022
1) 1,4-Dichlorobenzene-d4	6.839	152	183649	20.000	ng	-0.01	Supervised By : Jagrut Upadhyay
21) Naphthalene-d8	8.122	136	728296	20.000	ng	-0.01	
39) Acenaphthene-d10	9.880	164	368932	20.000	ng	-0.01	
64) Phenanthrene-d10	11.368	188	544640	20.000	ng	-0.01	
76) Chrysene-d12	14.015	240	291992	20.000	ng	-0.01	
86) Perylene-d12	15.486	264	318577	20.000	ng	-0.02	08/11/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1265516	112.253	ng	0.00	
7) Phenol-d6	6.498	99	1577475	111.322	ng	0.00	
23) Nitrobenzene-d5	7.410	82	1031744	77.333	ng	-0.01	
42) 2,4,6-Tribromophenol	10.674	330	385674	108.732	ng	-0.01	
45) 2-Fluorobiphenyl	9.198	172	1585835	66.495	ng	-0.01	
79) Terphenyl-d14	12.951	244	1041033	67.262	ng	-0.02	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	204438	40.192	ng		89
3) Pyridine	3.463	79	517279	36.620	ng		89
4) n-Nitrosodimethylamine	3.428	42	283631	45.726	ng		89
6) Aniline	6.504	93	541300	30.727	ng	#	43
8) 2-Chlorophenol	6.633	128	635437	51.591	ng		97
9) Benzaldehyde	6.392	77	406017	42.192	ng		98
10) Phenol	6.510	94	737866m	48.897	ng		
11) bis(2-Chloroethyl)ether	6.575	93	614778	51.371	ng		92
12) 1,3-Dichlorobenzene	6.781	146	652395	49.387	ng		96
13) 1,4-Dichlorobenzene	6.857	146	667378	49.677	ng		100
14) 1,2-Dichlorobenzene	7.004	146	627514	50.817	ng		97
15) Benzyl Alcohol	6.992	79	544748	53.006	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	781637	43.451	ng	#	1
17) 2-Methylphenol	7.110	107	499262	48.862	ng	#	86
18) Hexachloroethane	7.345	117	256775	50.760	ng		92
19) n-Nitroso-di-n-propyla...	7.257	70	436831	50.921	ng		92
20) 3+4-Methylphenols	7.263	107	645448	49.681	ng	#	83
22) Acetophenone	7.251	105	886435	52.278	ng		97
24) Nitrobenzene	7.428	77	653061	47.535	ng		97
25) Isophorone	7.663	82	1210798	50.630	ng		99
26) 2-Nitrophenol	7.739	139	341379	50.369	ng		98
27) 2,4-Dimethylphenol	7.786	122	570335m	56.099	ng		
28) bis(2-Chloroethoxy)met...	7.869	93	744867	53.692	ng		99
29) 2,4-Dichlorophenol	7.992	162	515145	49.093	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	525856	48.415	ng		96
31) Naphthalene	8.145	128	1775031	47.971	ng		100
32) Benzoic acid	7.939	122	248171	33.766	ng		100
33) 4-Chloroaniline	8.198	127	410568	27.026	ng		97
34) Hexachlorobutadiene	8.251	225	315229	51.058	ng		98
35) Caprolactam	8.586	113	164719m	48.283	ng		
36) 4-Chloro-3-methylphenol	8.698	107	545048	48.974	ng		97
37) 2-Methylnaphthalene	8.833	142	1170522	48.679	ng		99
38) 1-Methylnaphthalene	8.933	142	1104331	47.575	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	516394	53.306	ng		98
41) Hexachlorocyclopentadiene	8.980	237	338448	78.459	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	335329	47.659	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.175	196	342320	44.739	ng	95	08/11/2022
46) 1,1'-Biphenyl	9.298	154	1404750	52.173	ng	99	Supervised By : Jagrut Upadhyay
47) 2-Chloronaphthalene	9.327	162	1080127	49.625	ng	99	
48) 2-Nitroaniline	9.433	65	340422	47.035	ng	89	
49) Acenaphthylene	9.745	152	1594991	48.226	ng	100	
50) Dimethylphthalate	9.604	163	1308872	51.392	ng	100	
51) 2,6-Dinitrotoluene	9.674	165	280863	49.271	ng	97	08/11/2022
52) Acenaphthene	9.916	154	1110947m	51.429	ng		
53) 3-Nitroaniline	9.845	138	223217	33.162	ng	98	
54) 2,4-Dinitrophenol	9.963	184	232974	80.059	ng	# 85	
55) Dibenzofuran	10.086	168	1402084	47.084	ng	95	
56) 4-Nitrophenol	10.033	139	271108	54.593	ng	95	
57) 2,4-Dinitrotoluene	10.080	165	347940	46.724	ng	90	
58) Fluorene	10.433	166	1139839	47.840	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.216	232	242902	41.079	ng	96	
60) Diethylphthalate	10.298	149	1235845	50.197	ng	99	
61) 4-Chlorophenyl-phenylether	10.416	204	534173	50.854	ng	# 88	
62) 4-Nitroaniline	10.469	138	253432m	37.953	ng		
63) Azobenzene	10.580	77	1140122	45.402	ng	95	
65) 4,6-Dinitro-2-methylph...	10.492	198	164733	47.921	ng	94	
66) n-Nitrosodiphenylamine	10.545	169	983532	54.225	ng	96	
67) 4-Bromophenyl-phenylether	10.910	248	330311	55.384	ng	98	
68) Hexachlorobenzene	10.980	284	350382	54.221	ng	95	
69) Atrazine	11.074	200	314177	57.027	ng	99	
70) Pentachlorophenol	11.180	266	201316	57.306	ng	99	
71) Phenanthrene	11.398	178	1509338	50.767	ng	99	
72) Anthracene	11.445	178	1478997	50.622	ng	99	
73) Carbazole	11.604	167	1242230	45.168	ng	99	
74) Di-n-butylphthalate	11.921	149	1734019	52.943	ng	100	
75) Fluoranthene	12.586	202	1343563	44.602	ng	100	
77) Benzidine	12.704	184	92245	8.942	ng	97	
78) Pyrene	12.815	202	1290245	52.842	ng	99	
80) Butylbenzylphthalate	13.421	149	546857	51.635	ng	96	
81) Benzo(a)anthracene	14.004	228	1007066	50.490	ng	100	
82) 3,3'-Dichlorobenzidine	13.968	252	276370	41.966	ng	99	
83) Chrysene	14.045	228	941135	50.065	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.974	149	737713	52.908	ng	100	
85) Di-n-octyl phthalate	14.586	149	1163234	57.974	ng	96	
87) Indeno(1,2,3-cd)pyrene	16.980	276	1027040	47.873	ng	99	
88) Benzo(b)fluoranthene	15.062	252	1121711	53.081	ng	99	
89) Benzo(k)fluoranthene	15.092	252	948383	45.796	ng	99	
90) Benzo(a)pyrene	15.427	252	948316	55.281	ng	98	
91) Dibenzo(a,h)anthracene	16.992	278	876981	50.225	ng	98	
92) Benzo(g,h,i)perylene	17.433	276	828674	46.444	ng	97	

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

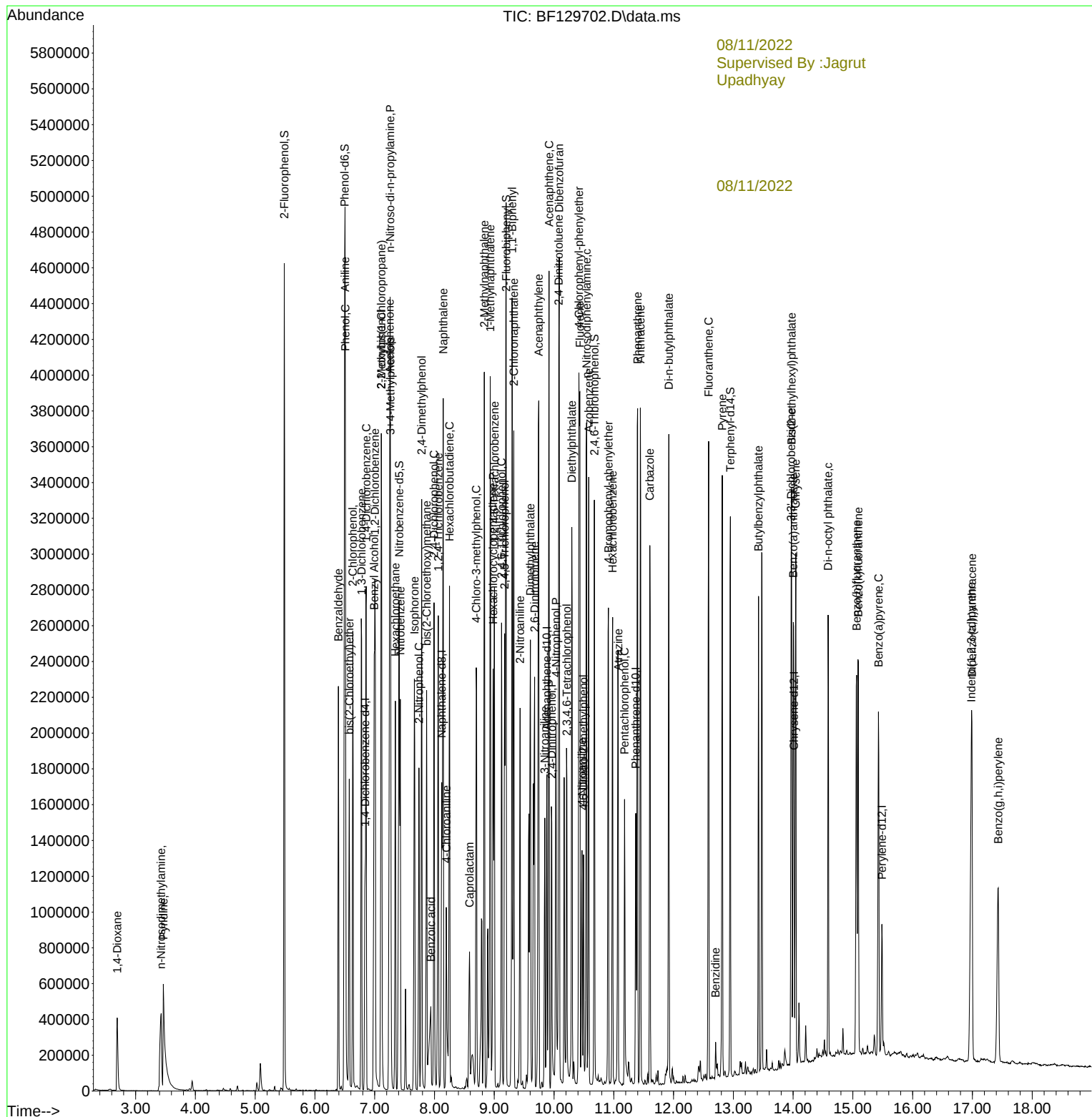
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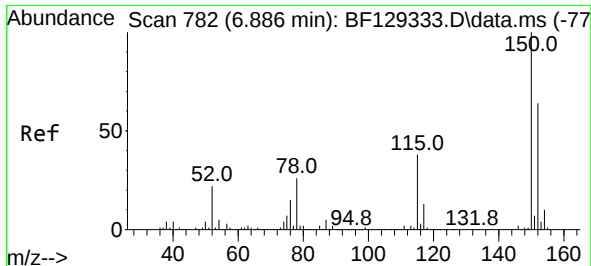
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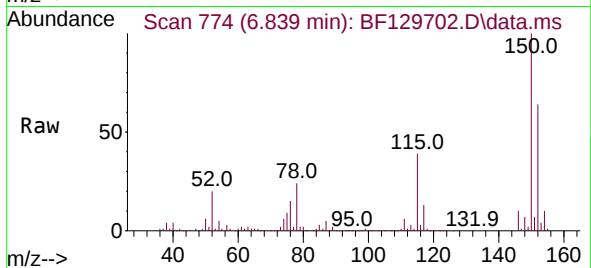
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

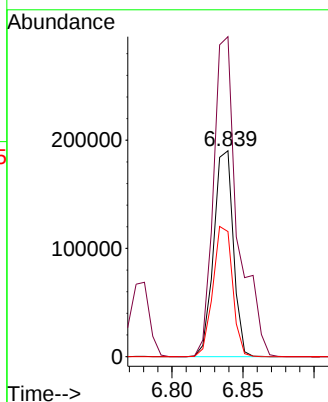
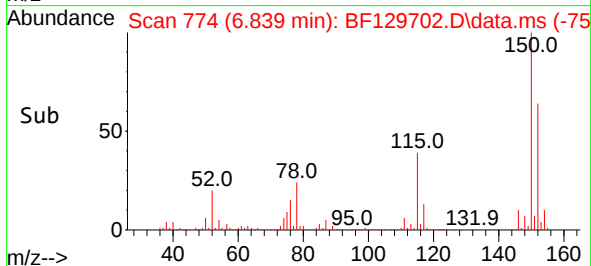
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:152 Resp: 183649
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 60.7 49.9 74.9

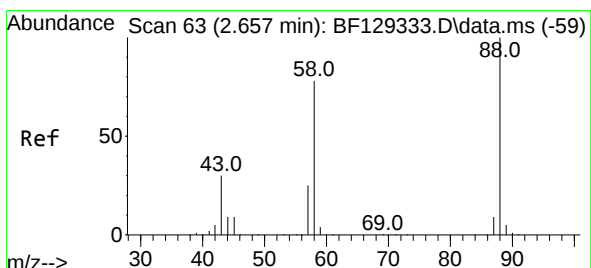
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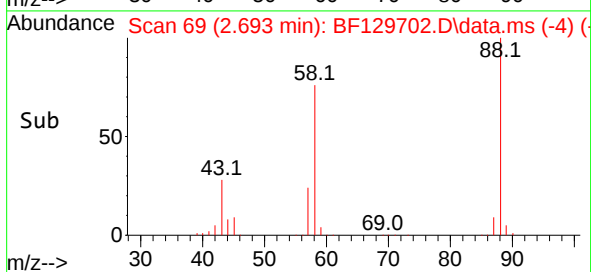
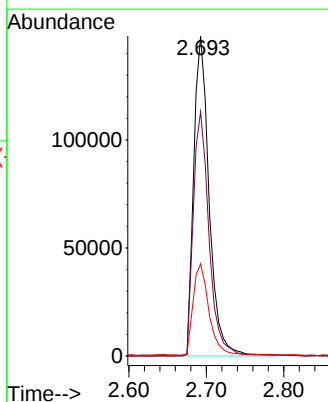
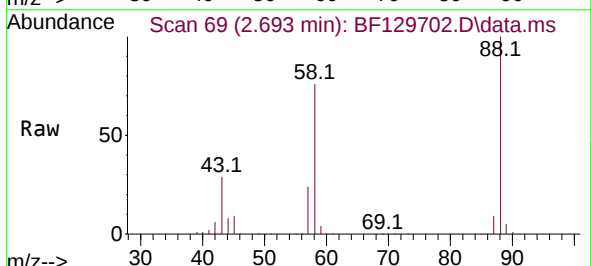
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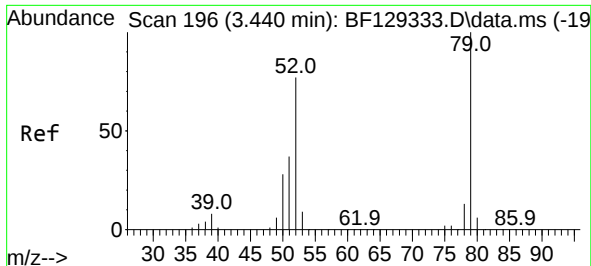
08/11/2022



#2
1,4-Dioxane
Concen: 40.192 ng
RT: 2.693 min Scan# 69
Delta R.T. 0.082 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

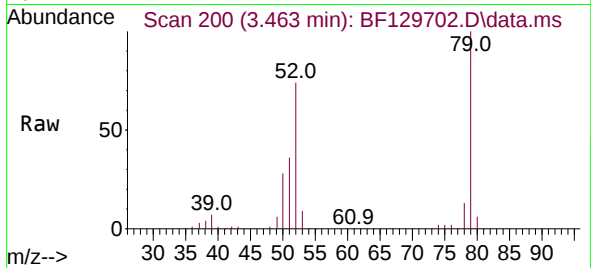
Tgt Ion: 88 Resp: 204438
Ion Ratio Lower Upper
88 100
58 77.9 71.8 107.8
43 28.9 26.6 39.8





#3
Pyridine
Concen: 36.620 ng
RT: 3.463 min Scan# 20
Delta R.T. 0.070 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

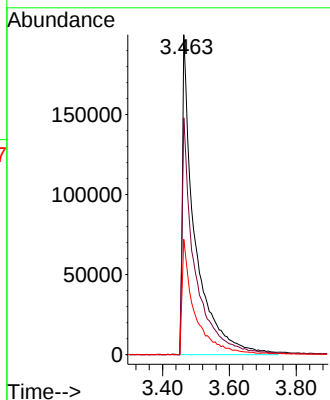
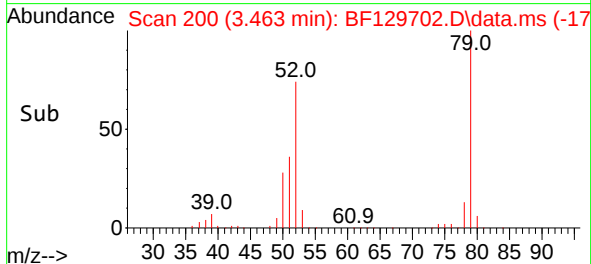
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Tgt Ion: 79 Resp: 517279
Ion Ratio Lower Upper
79 100
52 74.0 68.6 102.8
51 36.0 32.9 49.3

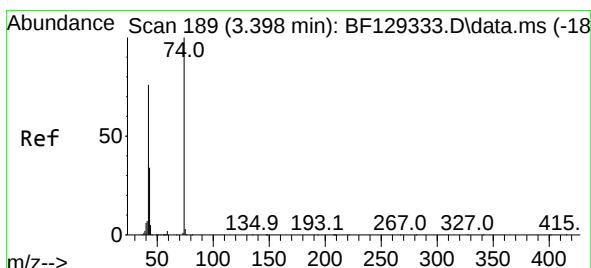
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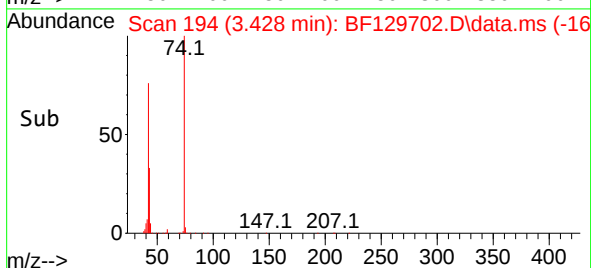
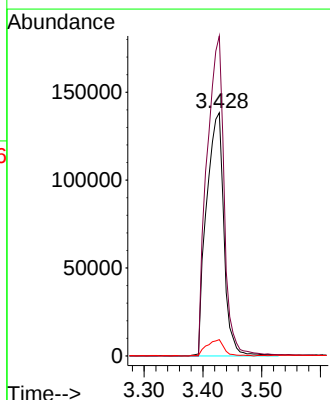
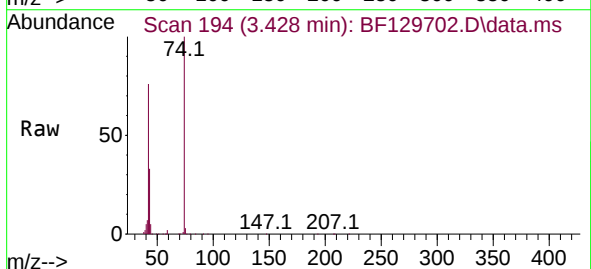
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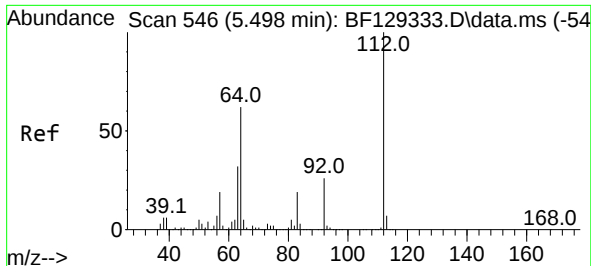
08/11/2022



#4
n-Nitrosodimethylamine
Concen: 45.726 ng
RT: 3.428 min Scan# 194
Delta R.T. 0.076 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion: 42 Resp: 283631
Ion Ratio Lower Upper
42 100
74 131.6 94.8 142.2
44 6.7 6.6 10.0





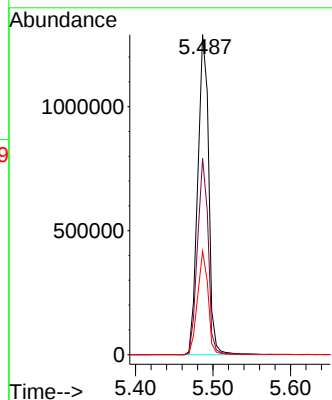
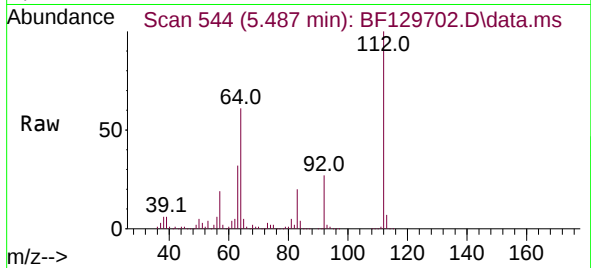
#5
2-Fluorophenol
Concen: 112.253 ng
RT: 5.487 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tgt Ion:112 Resp: 1265516
Ion Ratio Lower Upper
112 100
64 61.3 53.3 79.9
63 32.3 28.0 42.0

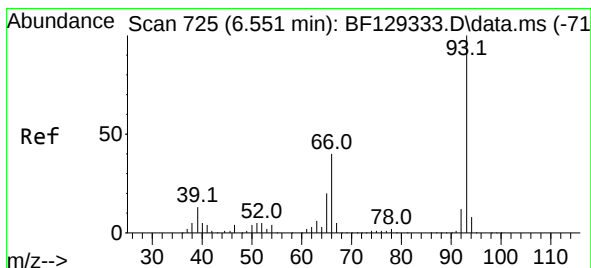
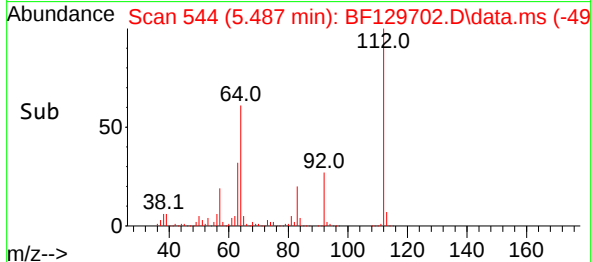
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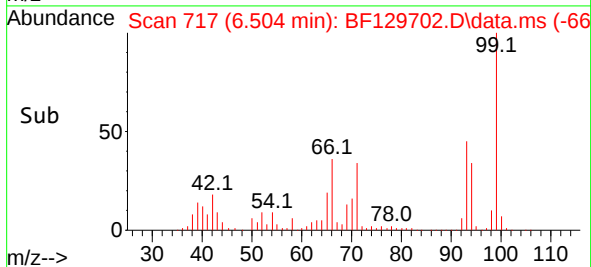
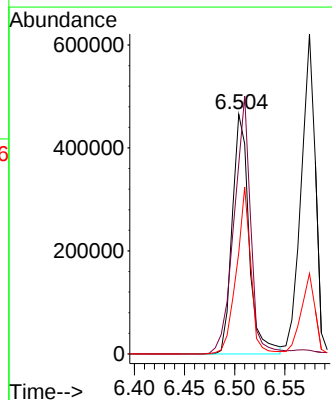
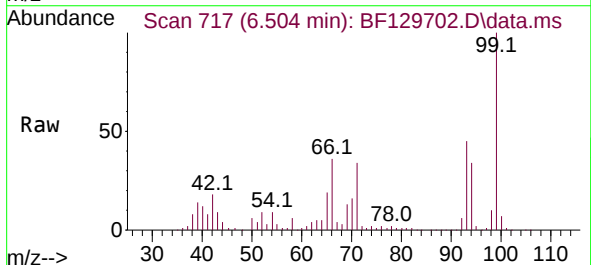
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#6
Aniline
Concen: 30.727 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.018 min
Lab File: BF129702.D
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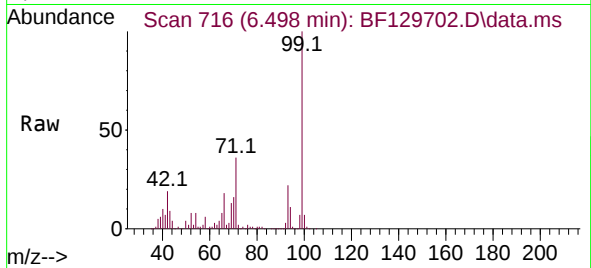
Tgt Ion: 93 Resp: 541300
Ion Ratio Lower Upper
93 100
66 79.2 32.5 48.7#
65 42.3 16.4 24.6#





#7
Phenol-d6
Concen: 111.322 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

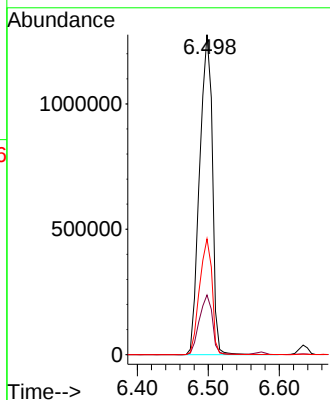
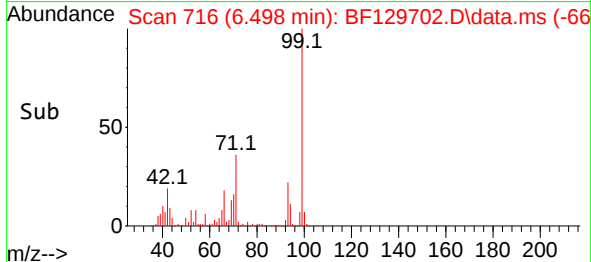
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Tgt Ion: 99 Resp: 1577475
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.2 28.9 43.3

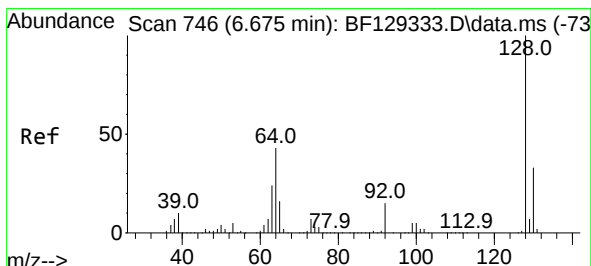
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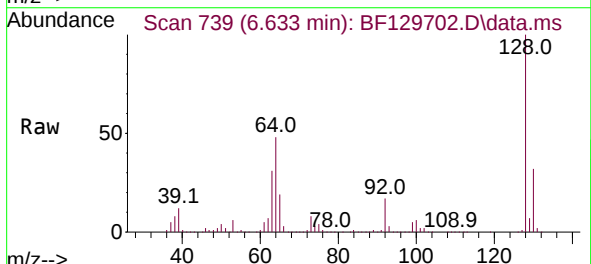


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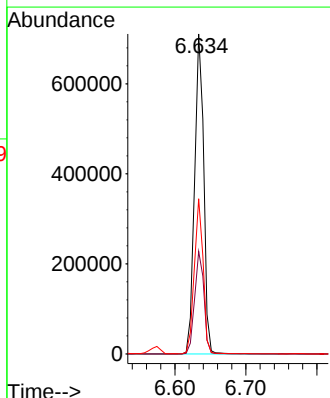
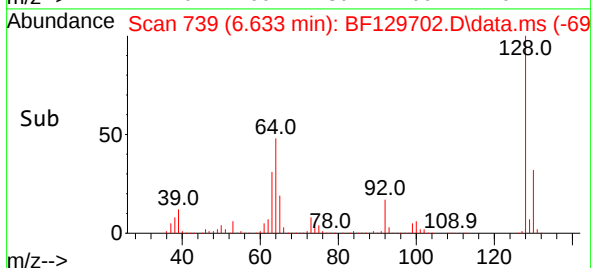
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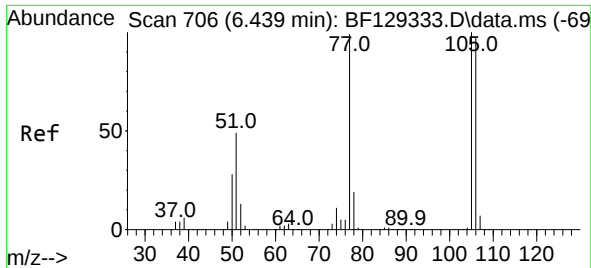


#8
2-Chlorophenol
Concen: 51.591 ng
RT: 6.633 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF129702.D
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Tgt Ion:128 Resp: 635437
Ion Ratio Lower Upper
128 100
130 32.0 13.1 53.1
64 48.5 30.9 70.9





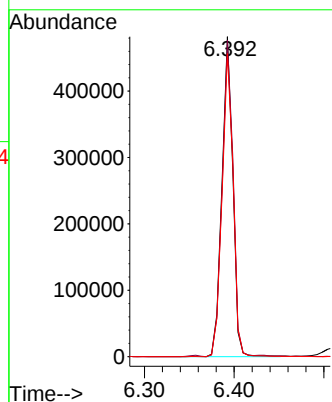
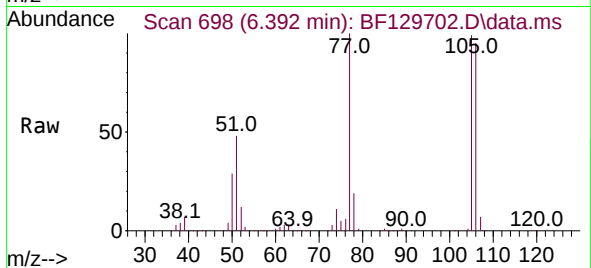
#9
Benzaldehyde
Concen: 42.192 ng
RT: 6.392 min Scan# 69
Delta R.T. -0.012 min
Lab File: BF129702.D
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Tgt Ion: 77 Resp: 406017
Ion Ratio Lower Upper
77 100
105 98.9 81.6 121.6
106 94.7 76.1 116.1

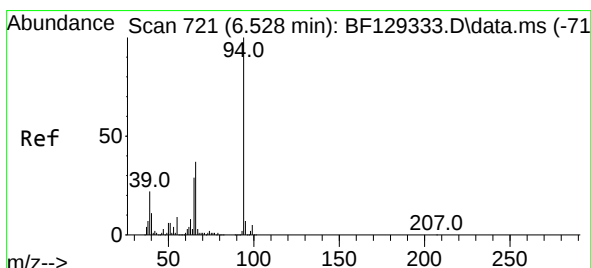
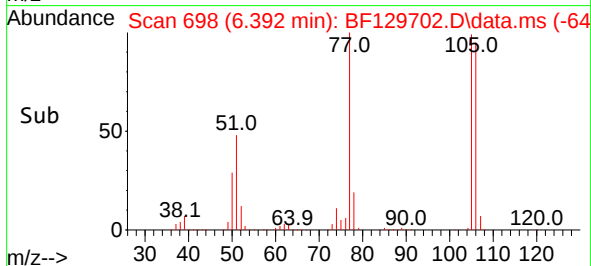
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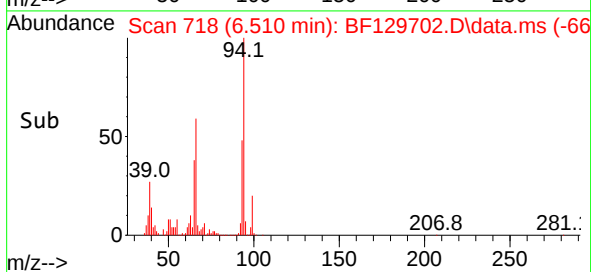
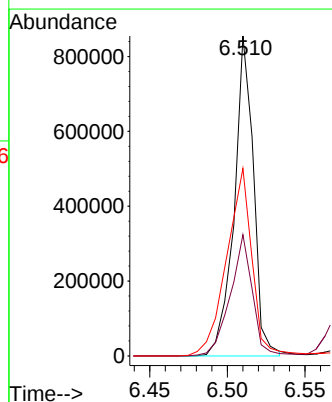
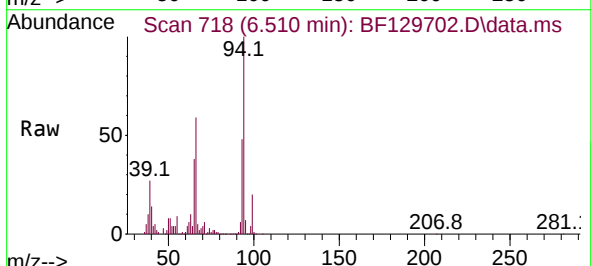
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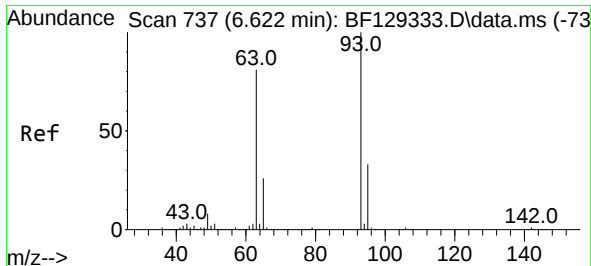
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#10
Phenol
Concen: 48.897 ng m
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion: 94 Resp: 737866
Ion Ratio Lower Upper
94 100
65 37.9 11.4 51.4
66 58.6 21.4 61.4





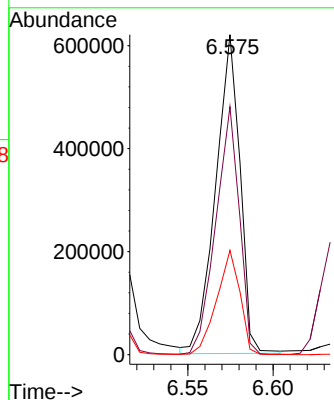
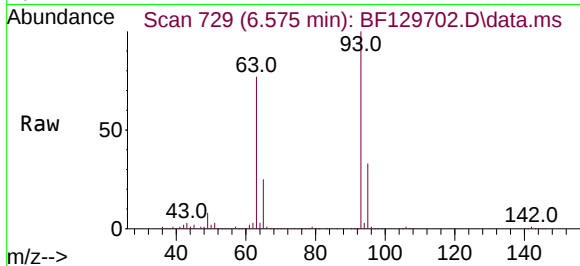
#11
bis(2-Chloroethyl)ether
Concen: 51.371 ng
RT: 6.575 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tgt Ion: 93 Resp: 614778
Ion Ratio Lower Upper
93 100
63 77.5 67.4 107.4
95 32.6 12.7 52.7

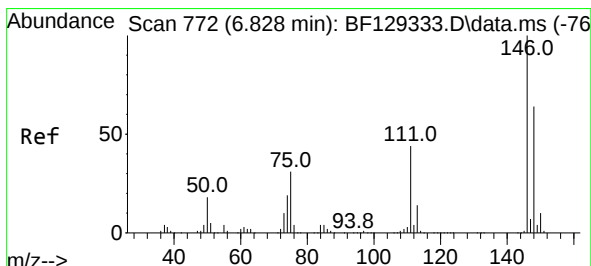
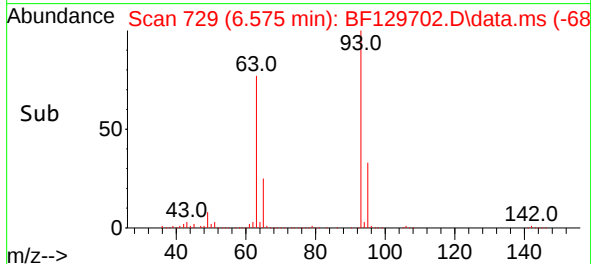
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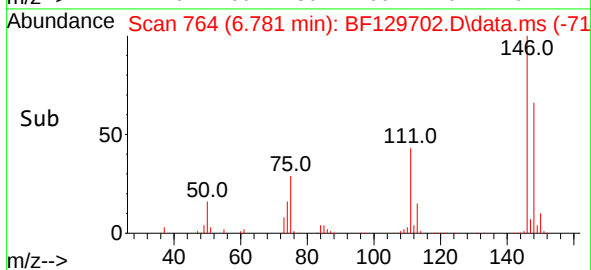
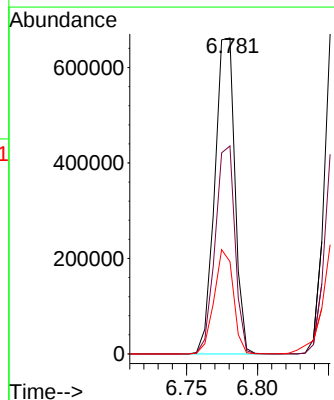
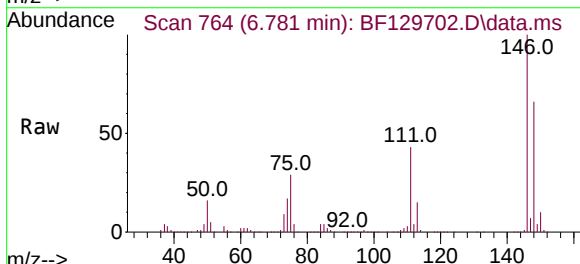
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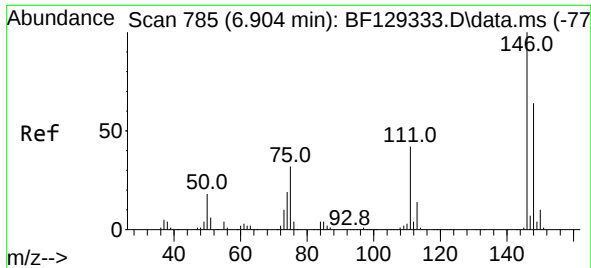
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#12
1,3-Dichlorobenzene
Concen: 49.387 ng
RT: 6.781 min Scan# 764
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

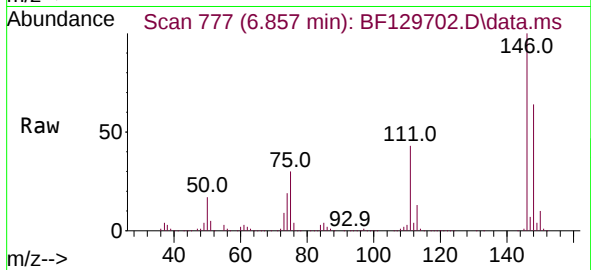
Tgt Ion:146 Resp: 652395
Ion Ratio Lower Upper
146 100
148 65.8 50.6 75.8
75 29.2 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 49.677 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

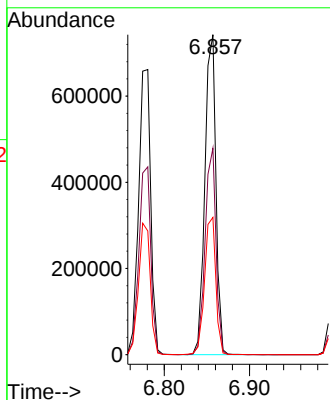
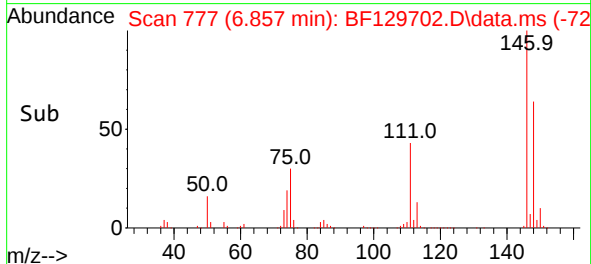
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:146 Resp: 667378
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 42.9 34.2 51.4

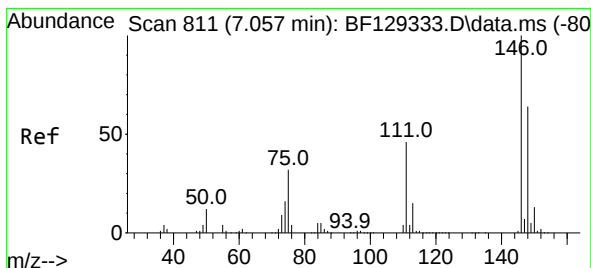
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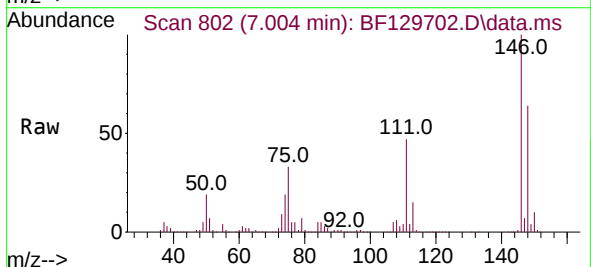


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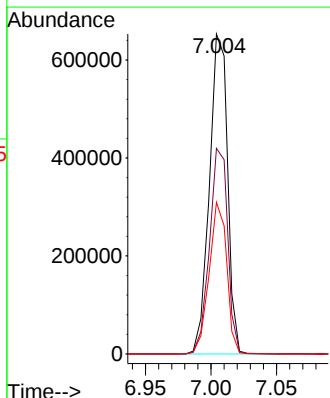
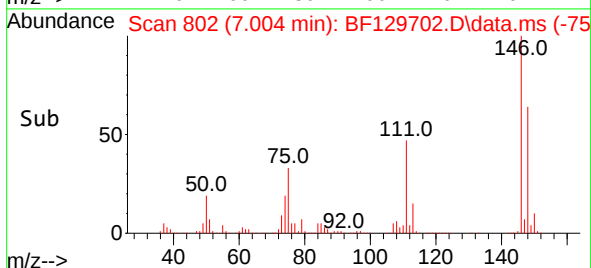
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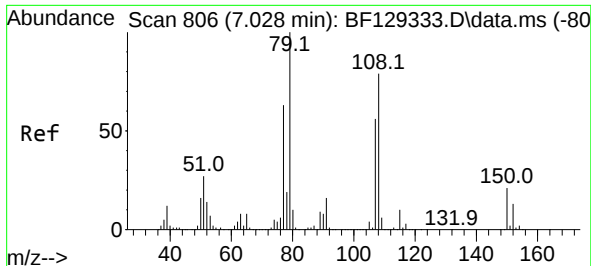


#14
1,2-Dichlorobenzene
Concen: 50.817 ng
RT: 7.004 min Scan# 802
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46



Tgt Ion:146 Resp: 627514
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 47.4 35.1 52.7





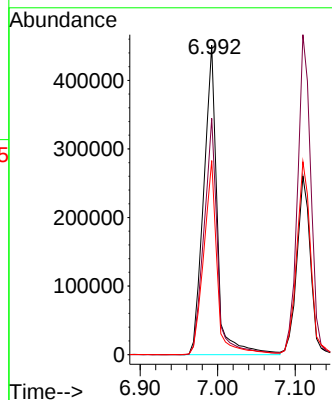
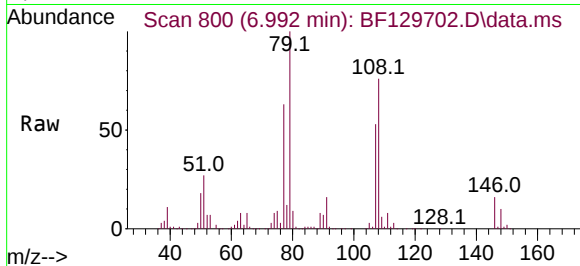
#15
Benzyl Alcohol
Concen: 53.006 ng
RT: 6.992 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tgt Ion: 79 Resp: 544748
Ion Ratio Lower Upper
79 100
108 76.4 61.8 92.6
77 62.7 50.2 75.4

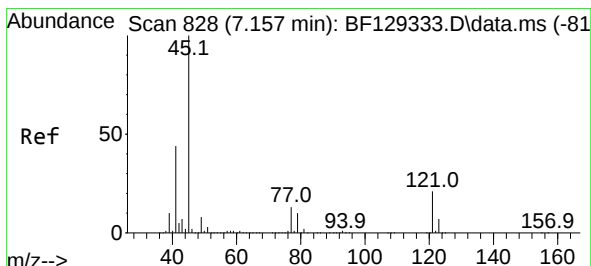
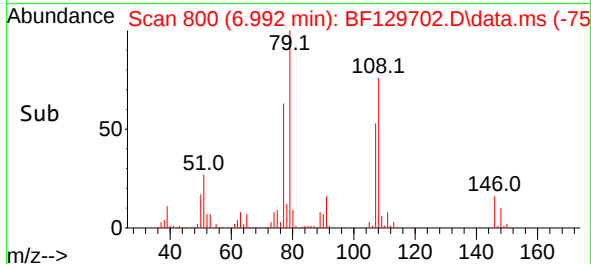
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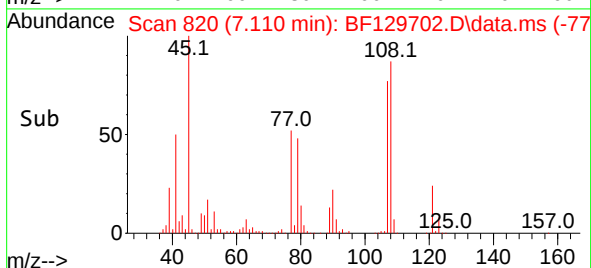
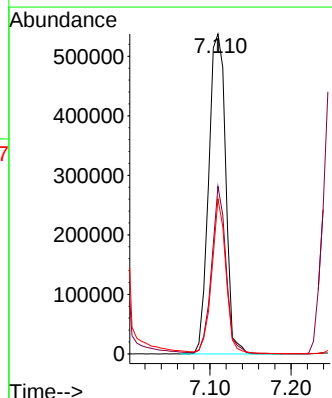
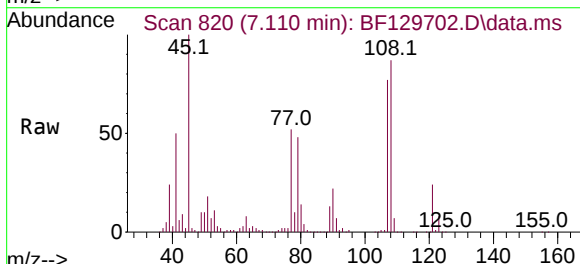
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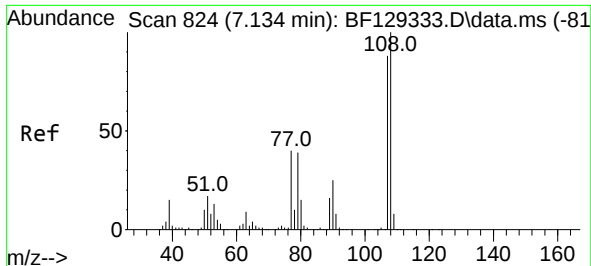
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.451 ng
RT: 7.110 min Scan# 820
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

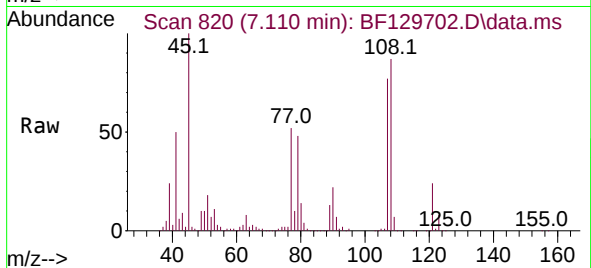
Tgt Ion: 45 Resp: 781637
Ion Ratio Lower Upper
45 100
77 52.3 0.0 31.3#
79 48.4 0.0 28.3#





#17
2-Methylphenol
Concen: 48.862 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

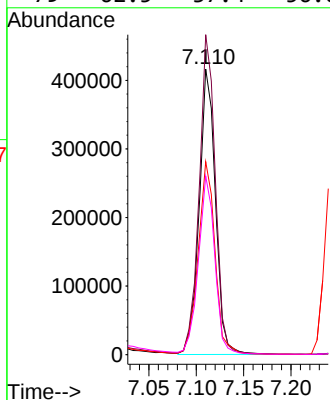
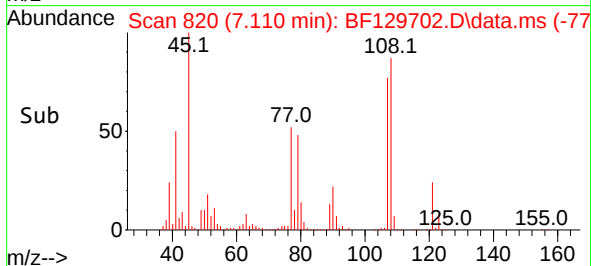
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:107 Resp: 499262
Ion Ratio Lower Upper
107 100
108 112.1 91.9 137.9
77 67.6 37.8 56.8
79 62.5 37.4 56.0

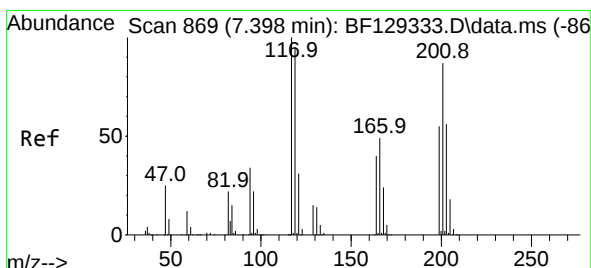
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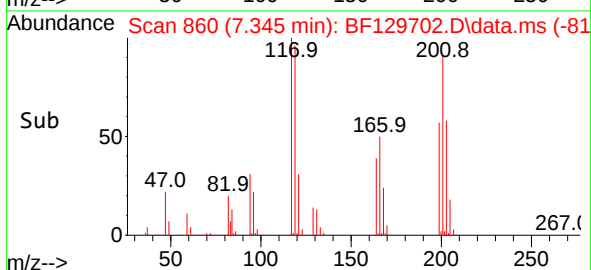
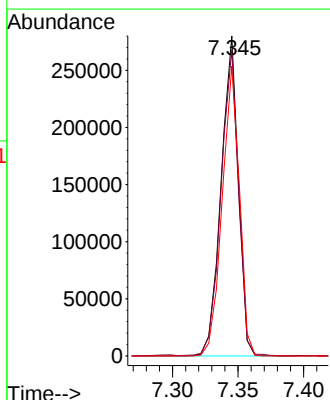
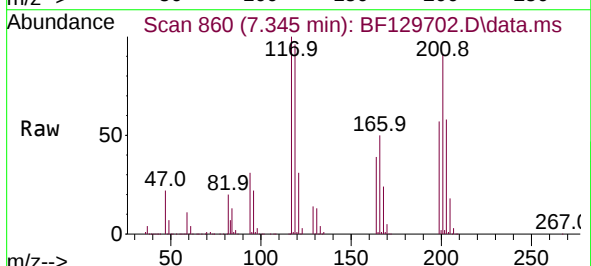
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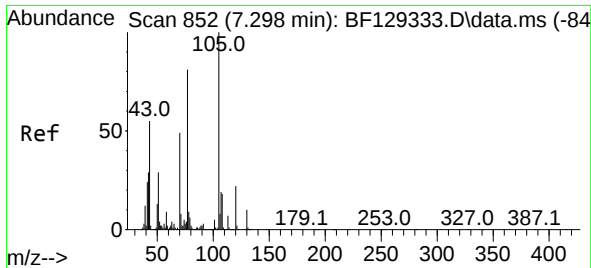
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#18
Hexachloroethane
Concen: 50.760 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

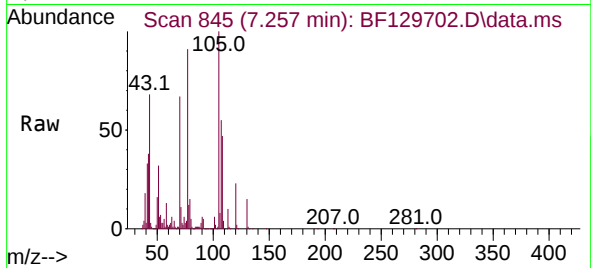
Tgt Ion:117 Resp: 256775
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.2
201 90.5 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 50.921 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

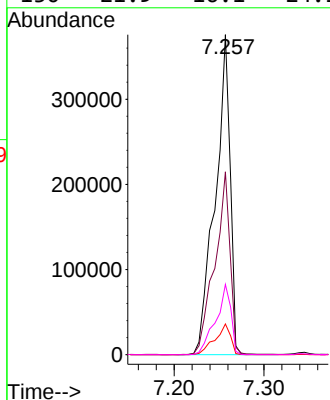
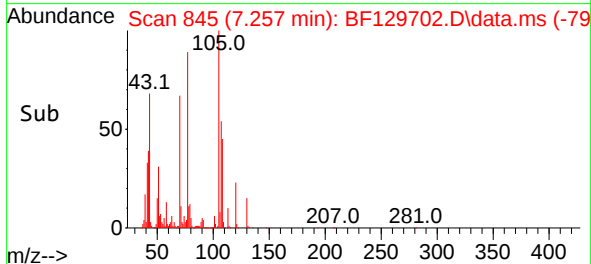
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion: 70 Resp: 436831
Ion Ratio Lower Upper
70 100
42 57.2 52.3 78.5
101 9.6 7.5 11.3
130 21.9 16.1 24.1

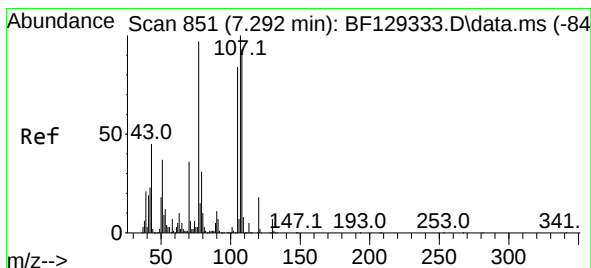
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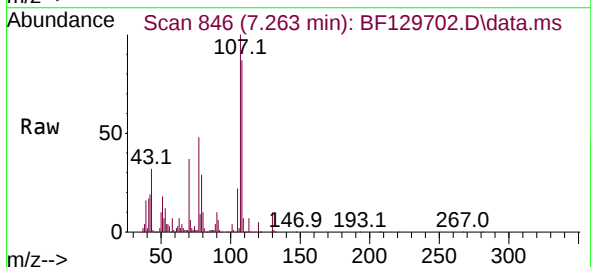


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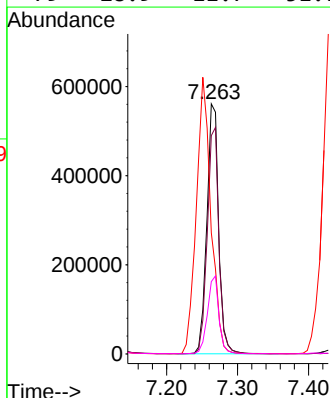
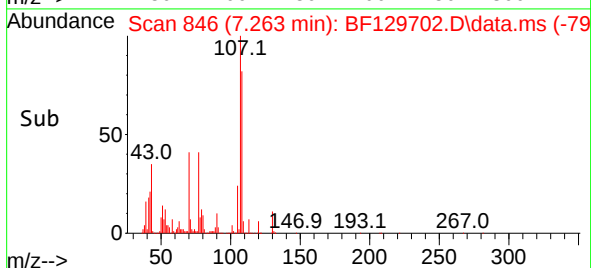
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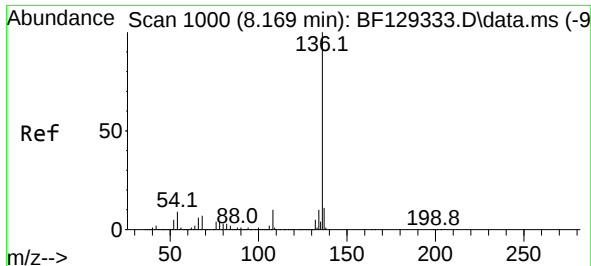


#20
3+4-Methylphenols
Concen: 49.681 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46



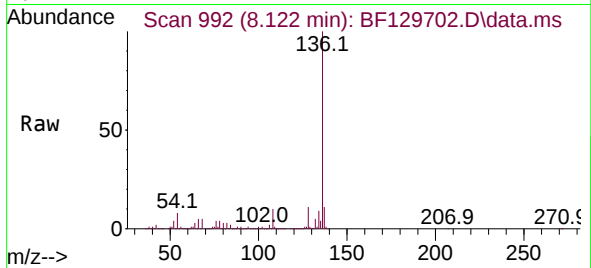
Tgt Ion:107 Resp: 645448
Ion Ratio Lower Upper
107 100
108 87.3 71.8 111.8
77 48.4 59.3 99.3#
79 28.9 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 99
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

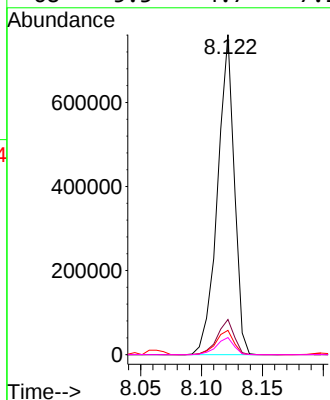
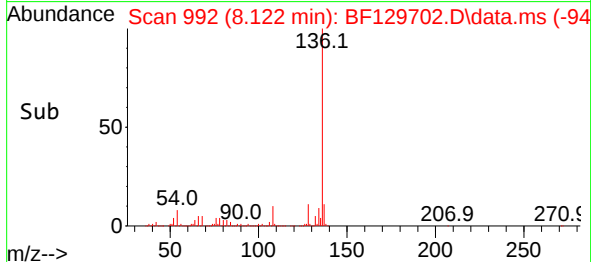
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:136 Resp: 728296
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 7.5 11.3
68 5.3 4.7 7.1

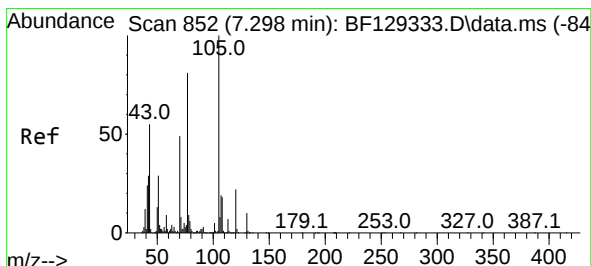
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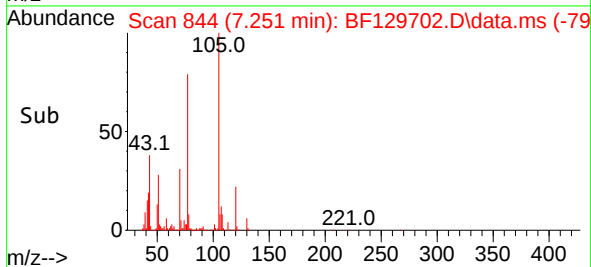
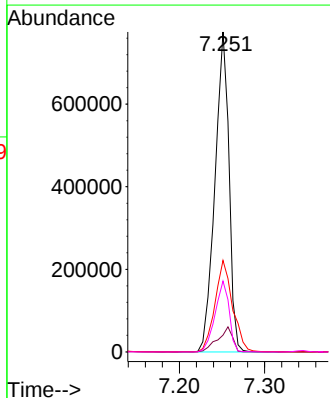
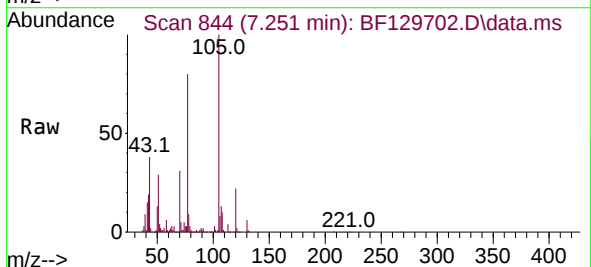
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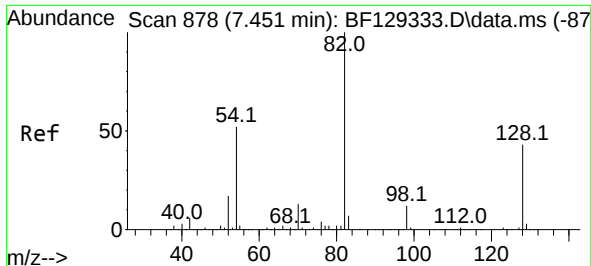
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#22
Acetophenone
Concen: 52.278 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion:105 Resp: 886435
Ion Ratio Lower Upper
105 100
71 5.2 5.0 7.4
51 28.6 25.0 37.4
120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 77.333 ng

RT: 7.410 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

Instrument :

BNA_F

ClientSampleId :

RBR-200051MS

Tgt Ion: 82 Resp: 1031744

Ion Ratio Lower Upper

82 100

128 44.8 34.0 51.0

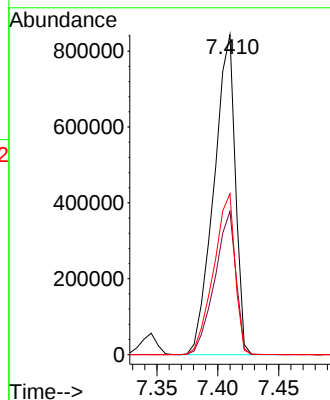
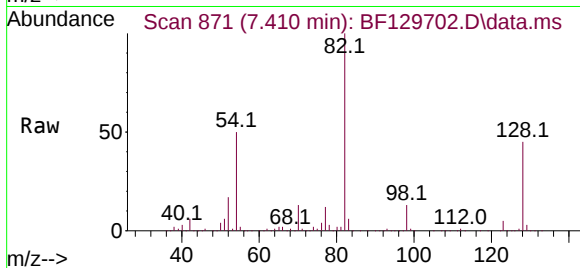
54 50.3 46.9 70.3

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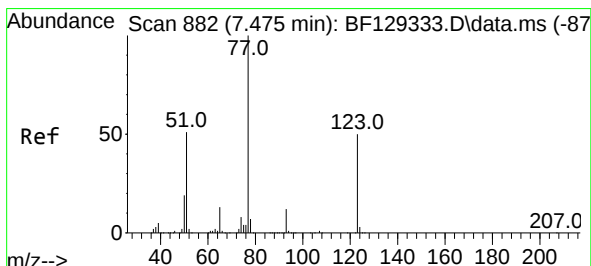
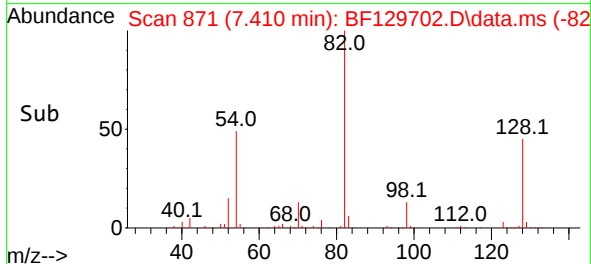
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#24

Nitrobenzene

Concen: 47.535 ng

RT: 7.428 min Scan# 874

Delta R.T. -0.012 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

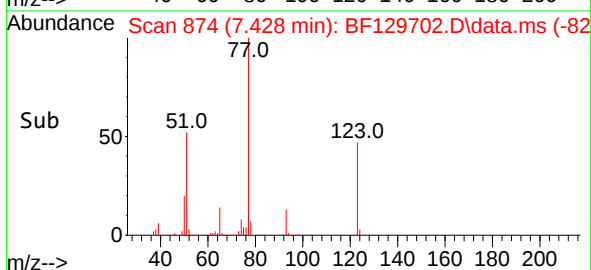
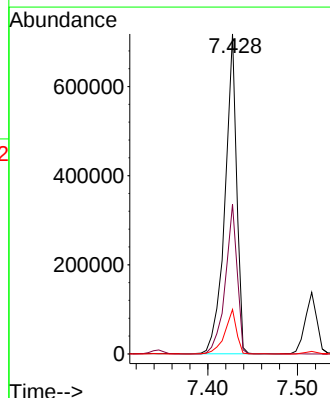
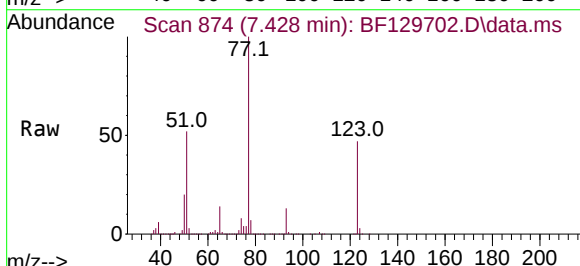
Tgt Ion: 77 Resp: 653061

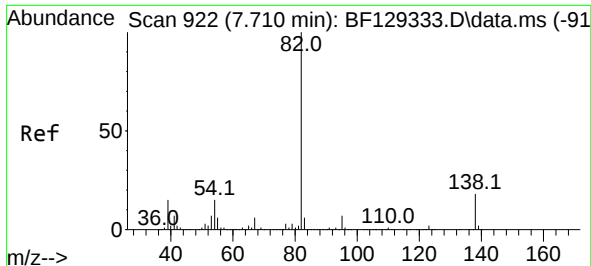
Ion Ratio Lower Upper

77 100

123 46.8 35.4 53.2

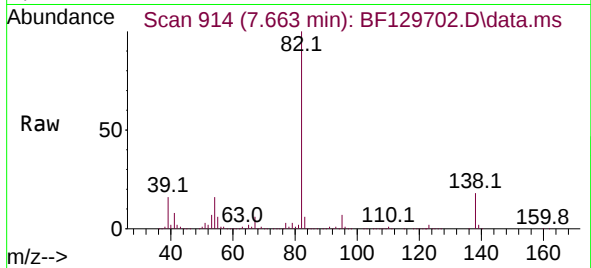
65 13.9 11.8 17.8





#25
Isophorone
Concen: 50.630 ng
RT: 7.663 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

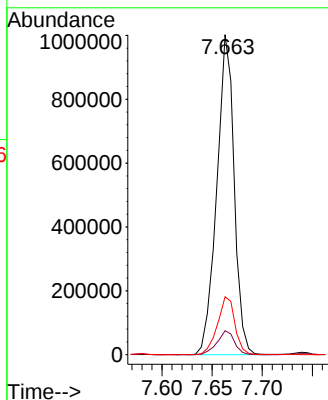
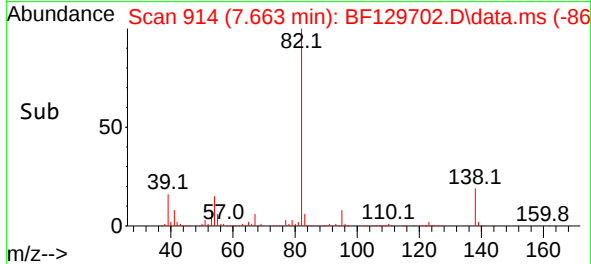
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion: 82 Resp: 1210798
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 18.1 14.2 21.2

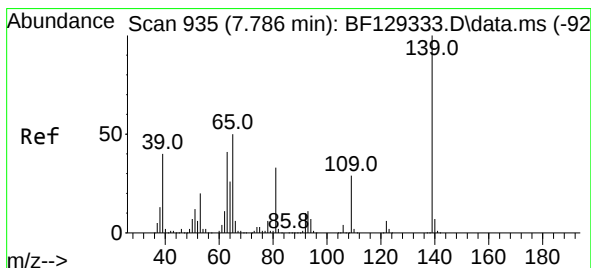
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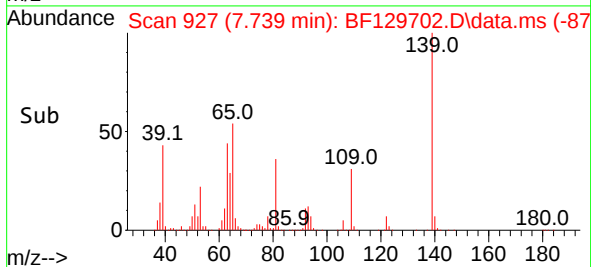
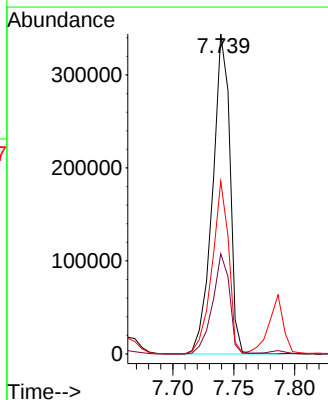
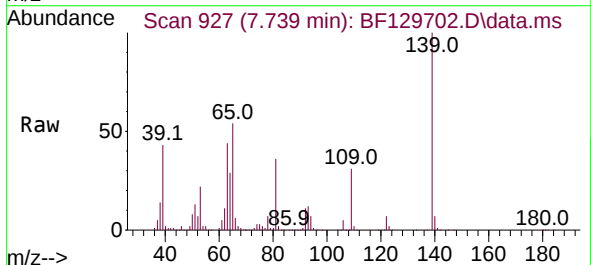
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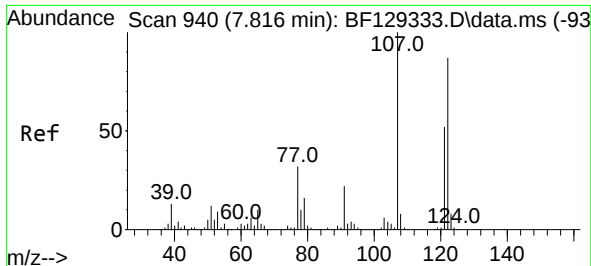
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#26
2-Nitrophenol
Concen: 50.369 ng
RT: 7.739 min Scan# 927
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

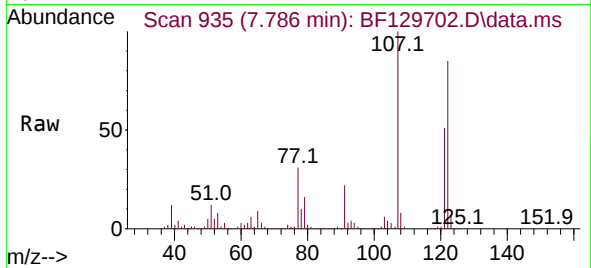
Tgt Ion:139 Resp: 341379
Ion Ratio Lower Upper
139 100
109 31.3 25.0 37.4
65 54.0 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 56.099 ng m
RT: 7.786 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

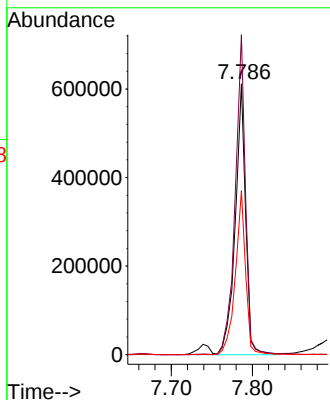
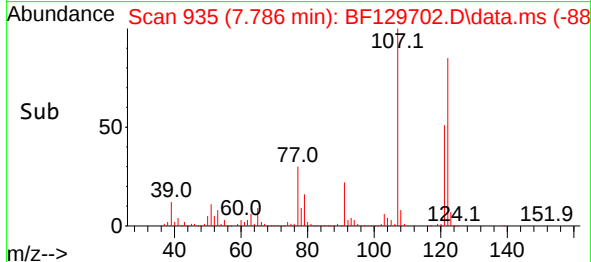
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:122 Resp: 570335
Ion Ratio Lower Upper
122 100
107 118.2 93.0 139.6
121 60.5 46.6 70.0

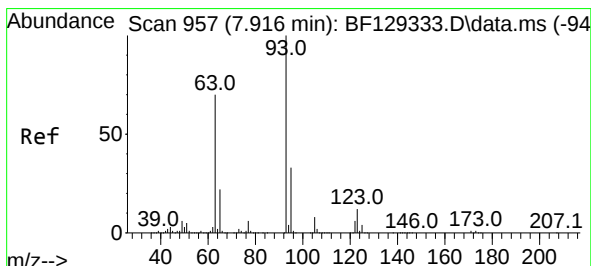
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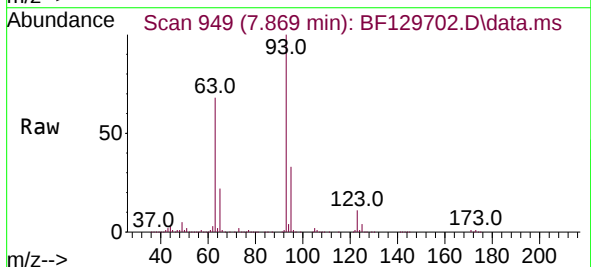


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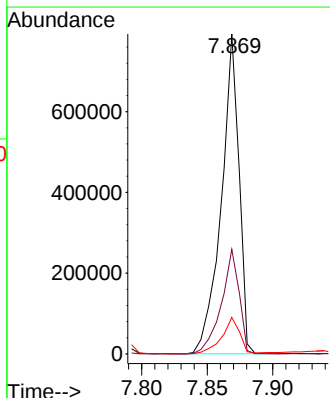
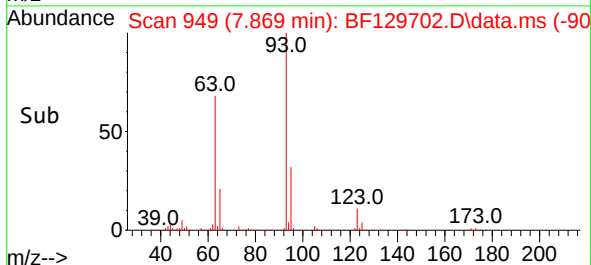
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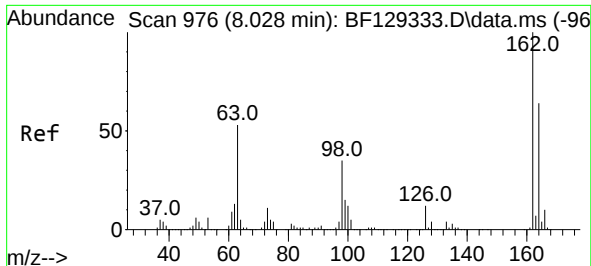


#28
bis(2-Chloroethoxy)methane
Concen: 53.692 ng
RT: 7.869 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46



Tgt Ion: 93 Resp: 744867
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.093 ng

RT: 7.992 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

Instrument :

BNA_F

ClientSampleId :

RBR-200051MS

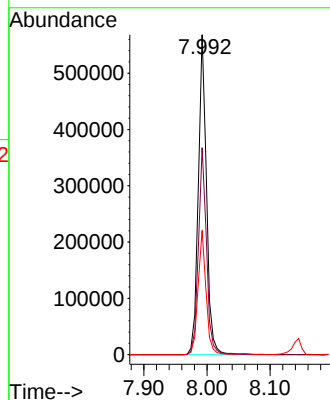
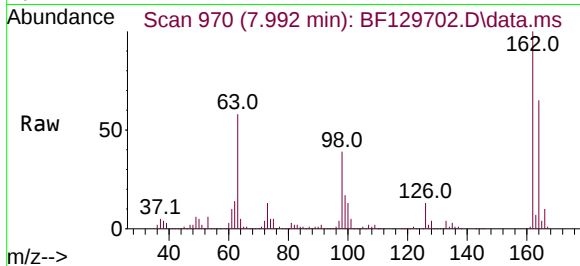
Tgt Ion:	162	Resp:	51514
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.2	84.2
98	38.8	19.6	59.6

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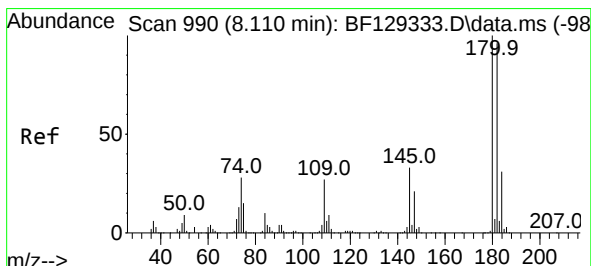
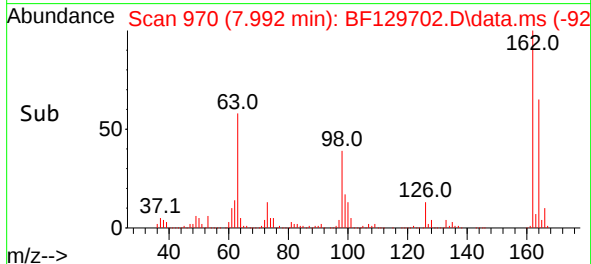
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#30

1,2,4-Trichlorobenzene

Concen: 48.415 ng

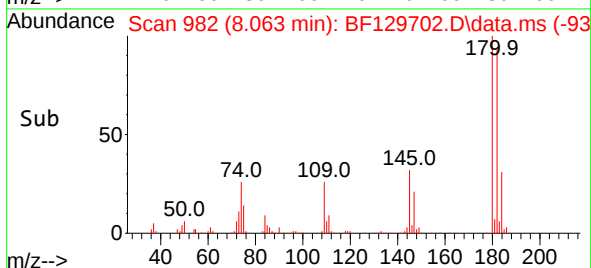
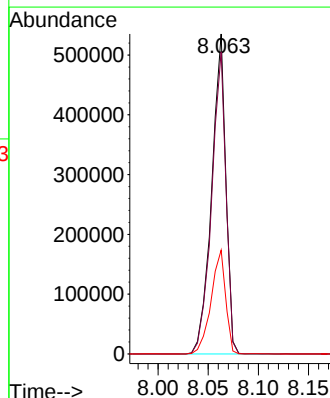
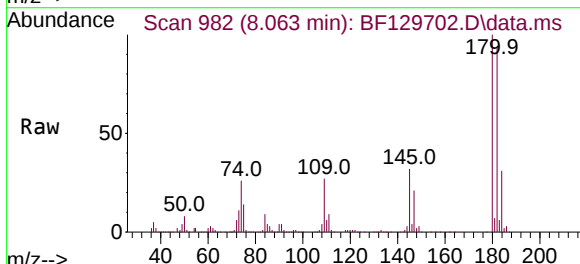
RT: 8.063 min Scan# 982

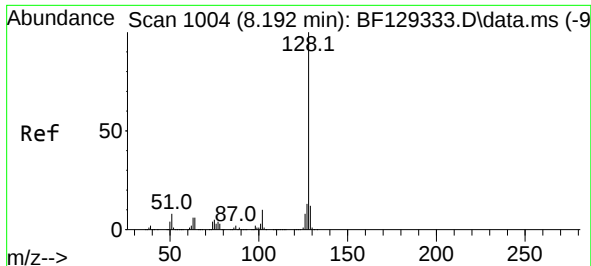
Delta R.T. -0.012 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

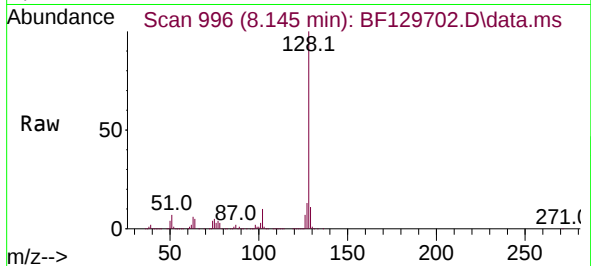
Tgt Ion:	180	Resp:	525856
Ion Ratio	Lower	Upper	
180	100		
182	94.4	79.2	118.8
145	32.5	26.2	39.2





#31
Naphthalene
Concen: 47.971 ng
RT: 8.145 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

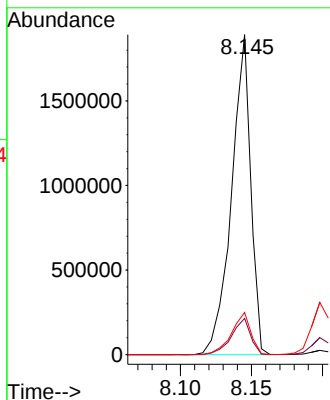
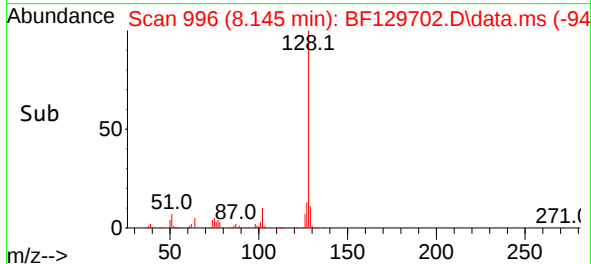
Instrument :
BNA_F
Client Sample Id :
RBR-200051MS



Tgt Ion:128 Resp: 1775031
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 10.5 15.7

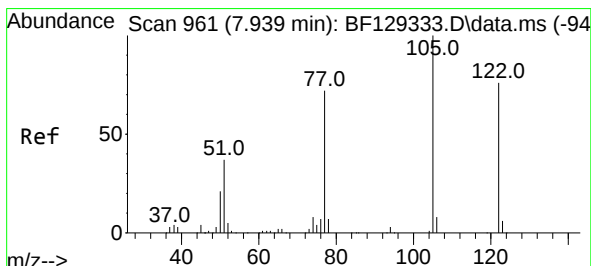
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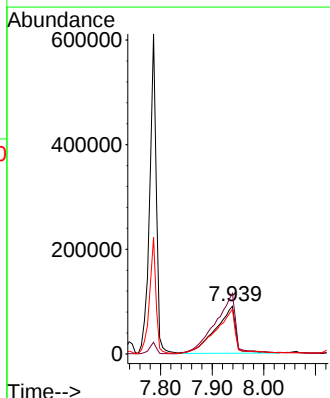
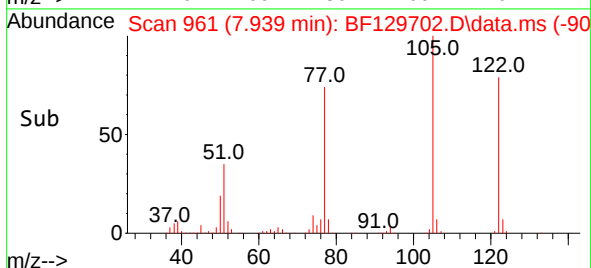
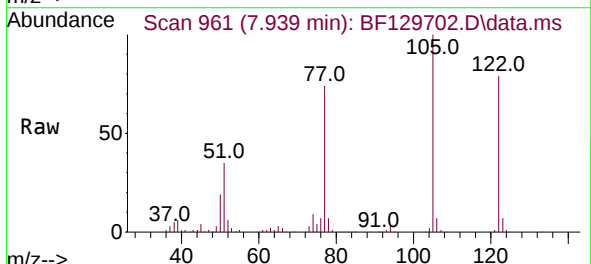
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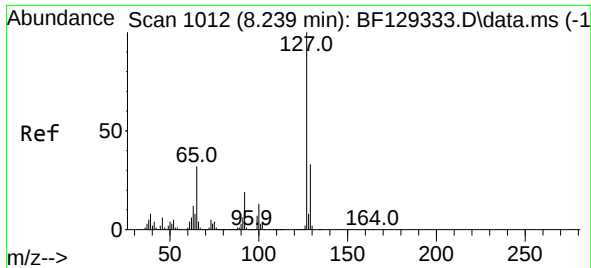
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#32
Benzoic acid
Concen: 33.766 ng
RT: 7.939 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

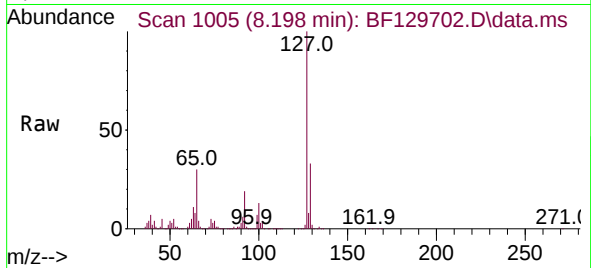
Tgt Ion:122 Resp: 248171
Ion Ratio Lower Upper
122 100
105 127.1 107.1 147.1
77 93.9 74.2 114.2





#33
4-Chloroaniline
Concen: 27.026 ng
RT: 8.198 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

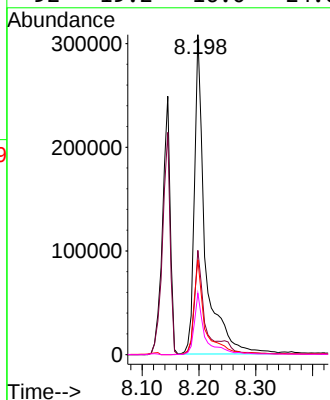
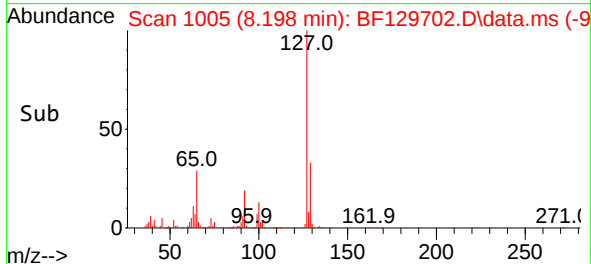
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:127 Resp: 410568
Ion Ratio Lower Upper
127 100
129 32.6 26.4 39.6
65 29.6 26.4 39.6
92 19.2 16.0 24.0

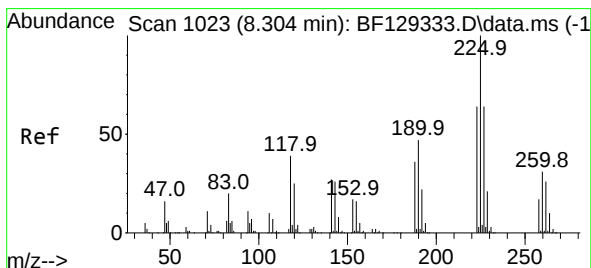
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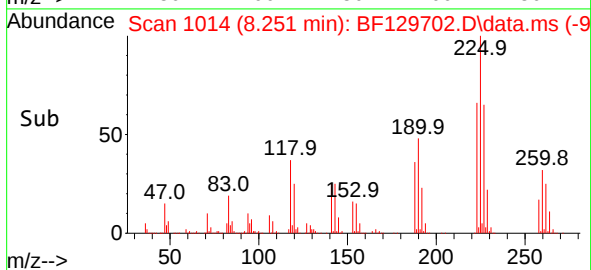
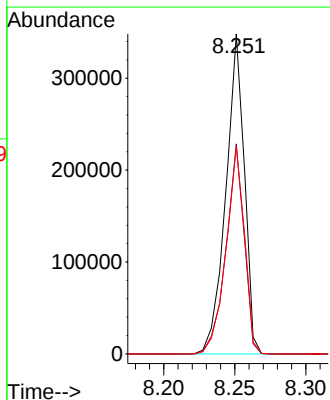
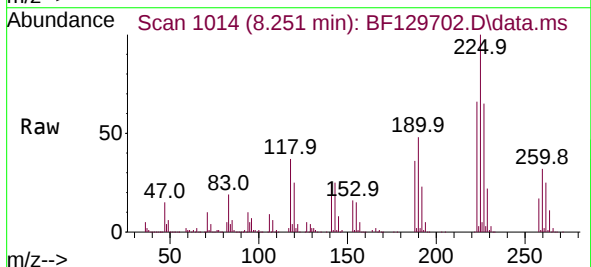
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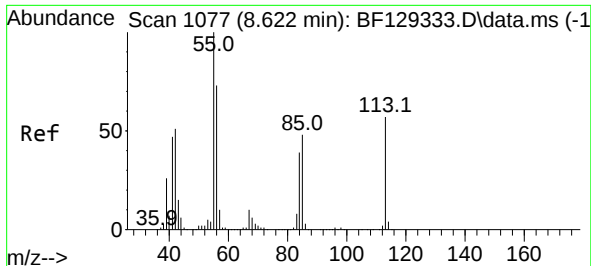
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#34
Hexachlorobutadiene
Concen: 51.058 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

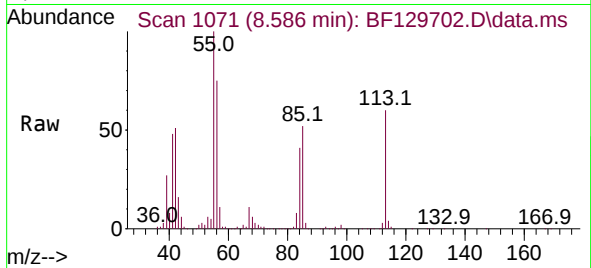
Tgt Ion:225 Resp: 315229
Ion Ratio Lower Upper
225 100
223 65.6 51.0 76.6
227 64.8 51.1 76.7





#35
Caprolactam
Concen: 48.283 ng m
RT: 8.586 min Scan# 1077
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

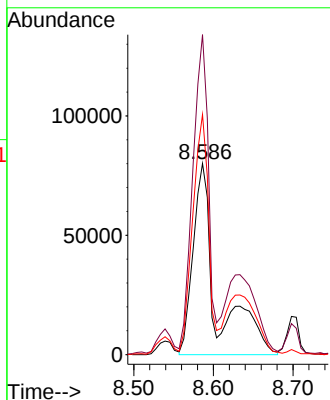
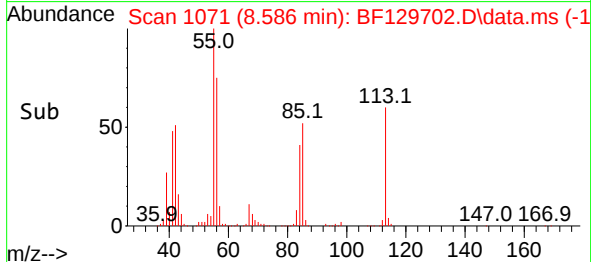
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:113 Resp: 164719
Ion Ratio Lower Upper
113 100
55 167.4 188.5 228.5
56 125.6 130.6 170.6

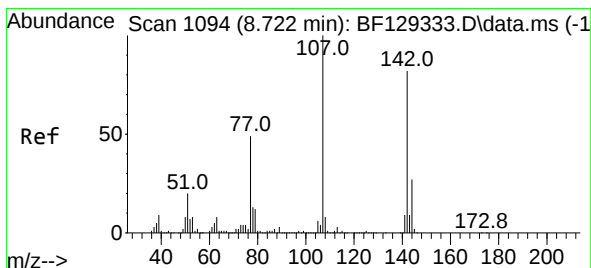
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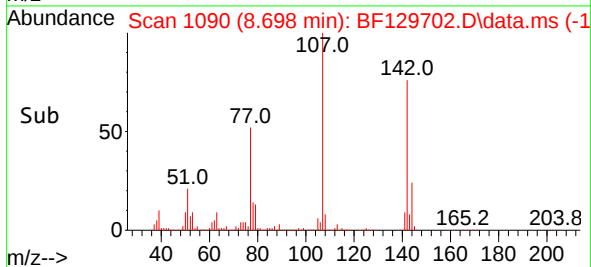
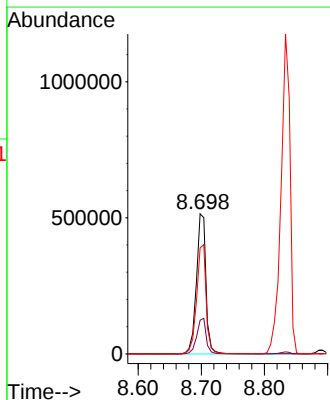
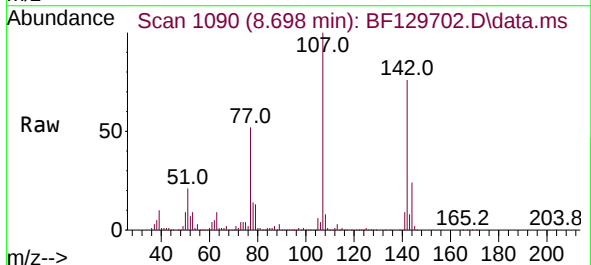
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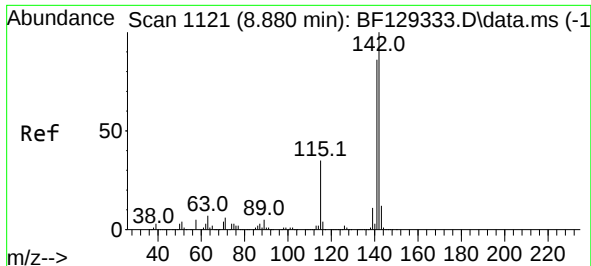
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#36
4-Chloro-3-methylphenol
Concen: 48.974 ng
RT: 8.698 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion:107 Resp: 545048
Ion Ratio Lower Upper
107 100
144 24.0 19.5 29.3
142 75.7 58.2 87.4





#37

2-Methylnaphthalene

Concen: 48.679 ng

RT: 8.833 min Scan# 1113

Delta R.T. -0.018 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

Instrument :

BNA_F

ClientSampleId :

RBR-200051MS

Tgt Ion:142 Resp: 117052

Ion Ratio Lower Upper

142 100

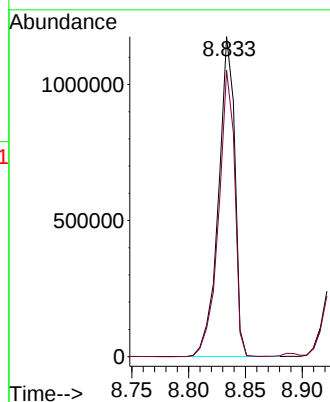
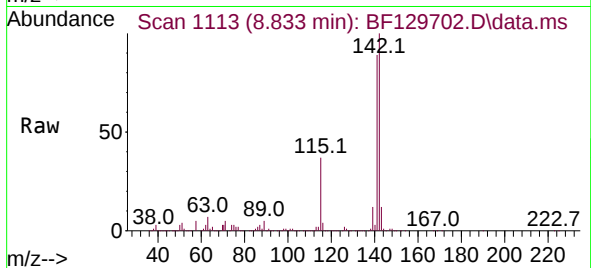
141 89.5 71.0 106.4

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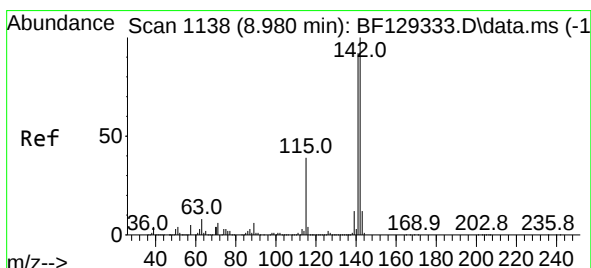
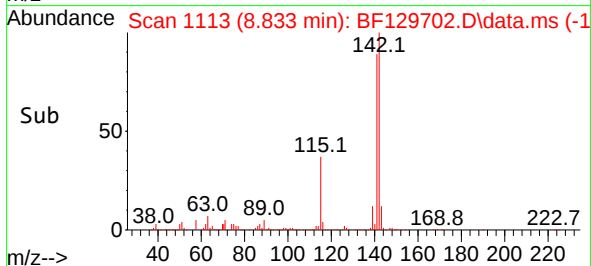


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#38

1-Methylnaphthalene

Concen: 47.575 ng

RT: 8.933 min Scan# 1130

Delta R.T. -0.018 min

Lab File: BF129702.D

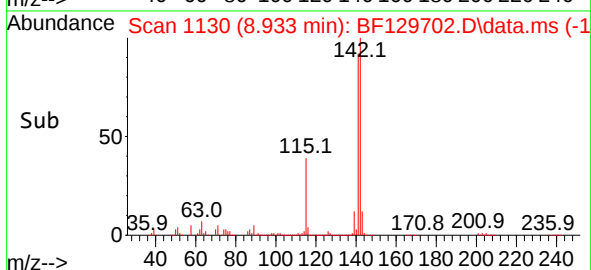
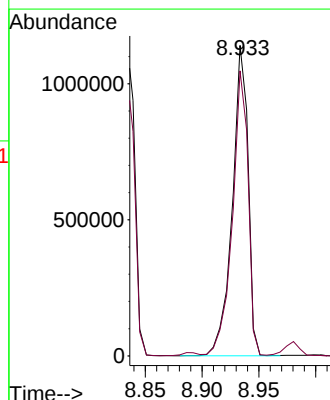
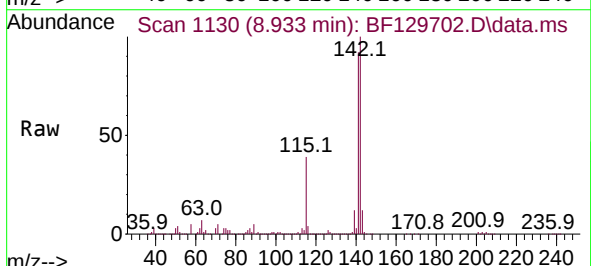
Acq: 10 Aug 2022 18:46

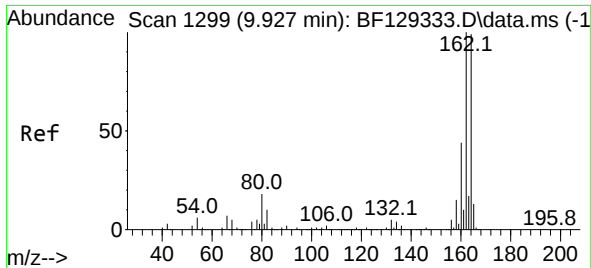
Tgt Ion:142 Resp: 1104331

Ion Ratio Lower Upper

142 100

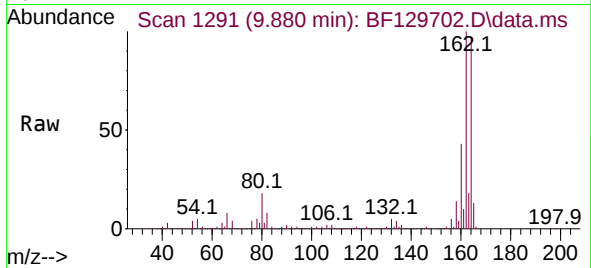
141 91.8 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

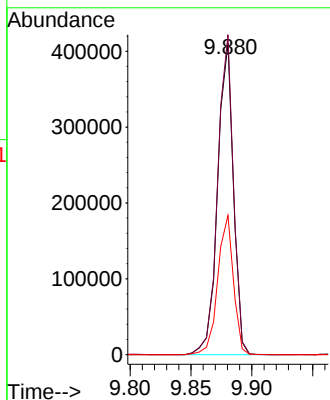
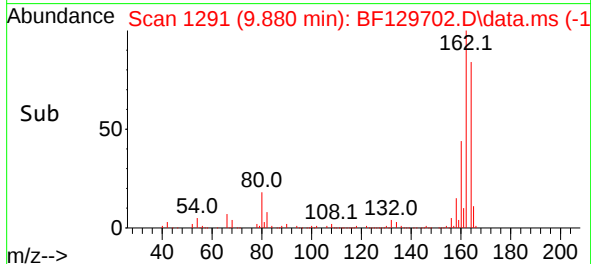
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:164 Resp: 368932
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.7 34.2 51.4

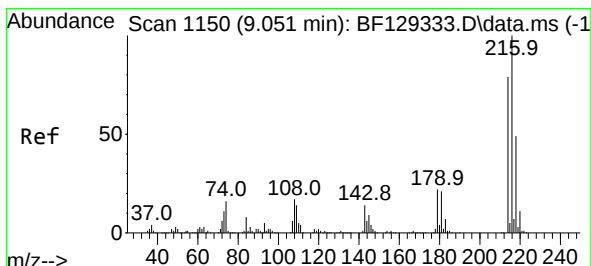
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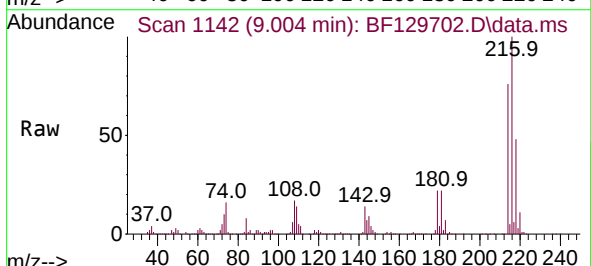


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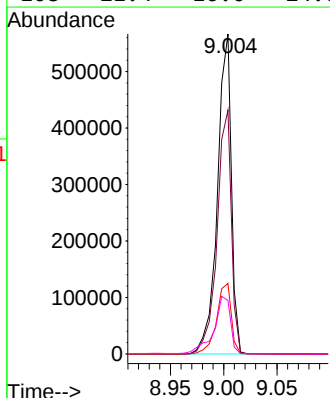
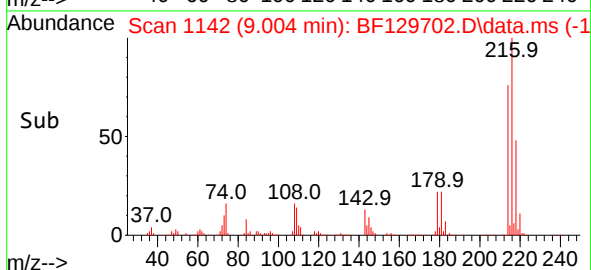
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.306 ng
RT: 9.004 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46



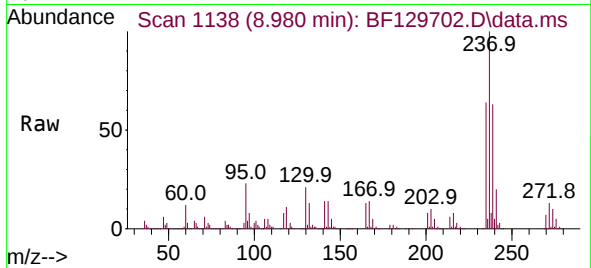
Tgt Ion:216 Resp: 516394
Ion Ratio Lower Upper
216 100
214 78.1 63.6 95.4
179 23.1 17.0 25.6
108 21.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 78.459 ng
RT: 8.980 min Scan# 1147
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

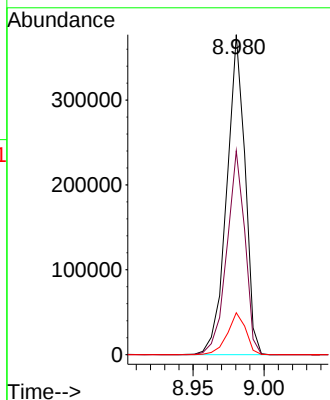
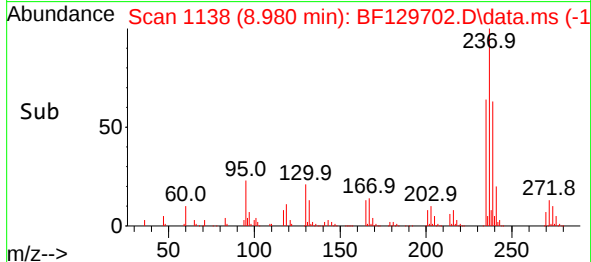
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:237 Resp: 338448
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 13.1 0.0 31.9

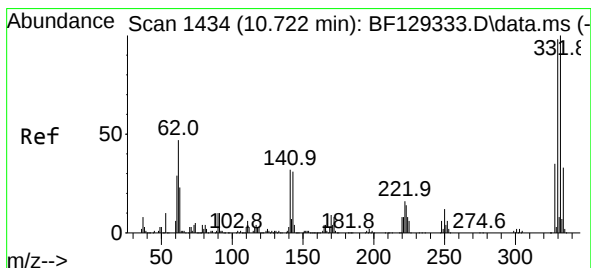
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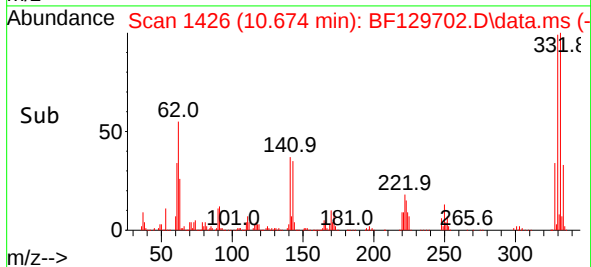
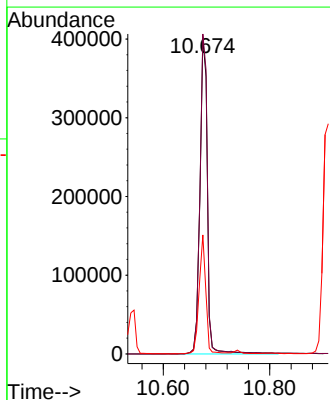
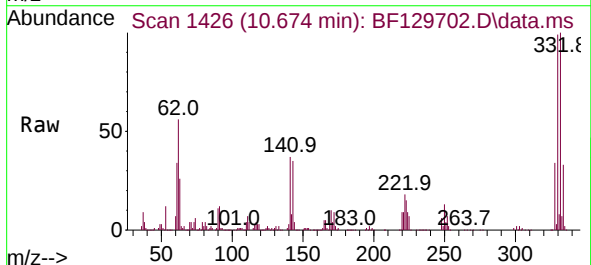
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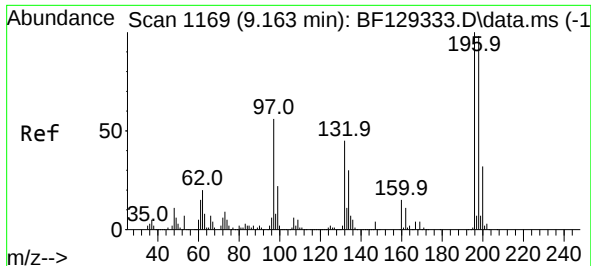
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#42
2,4,6-Tribromophenol
Concen: 108.732 ng
RT: 10.674 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion:330 Resp: 385674
Ion Ratio Lower Upper
330 100
332 101.2 76.8 115.2
141 34.1 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 47.659 ng

RT: 9.122 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

Instrument :

BNA_F

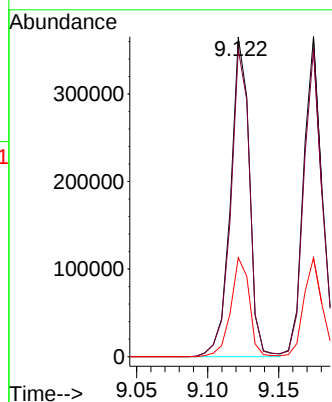
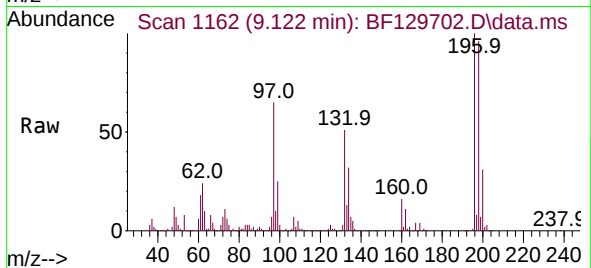
ClientSampleId :

RBR-200051MS

Tgt Ion:196 Resp: 335329
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.0 111.0
 200 31.0 24.1 36.1

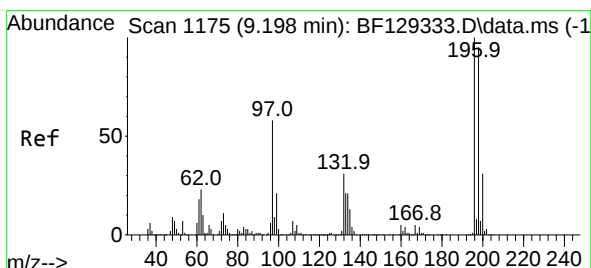
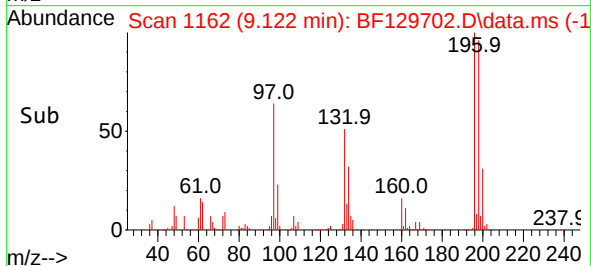
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#44

2,4,5-Trichlorophenol

Concen: 44.739 ng

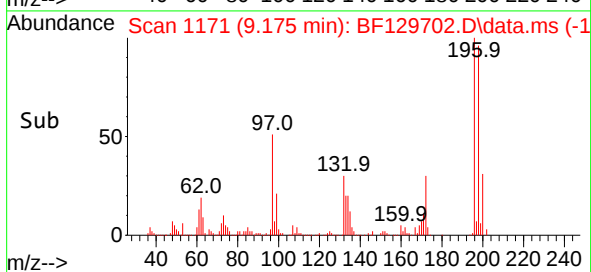
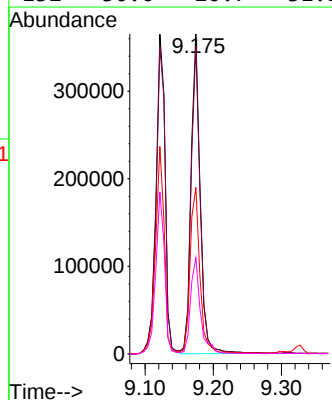
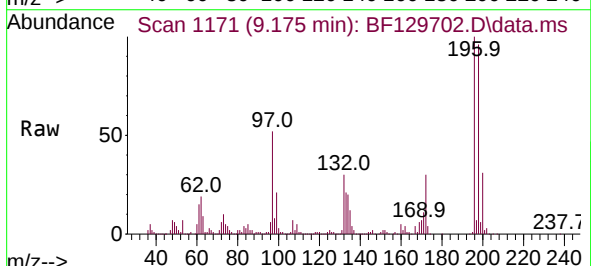
RT: 9.175 min Scan# 1171

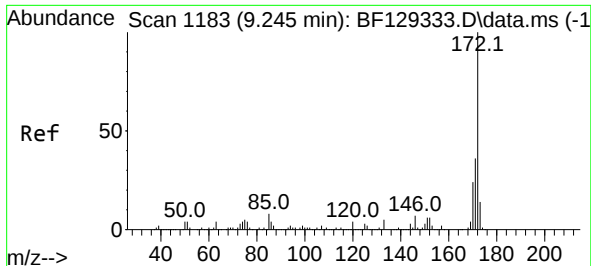
Delta R.T. -0.006 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

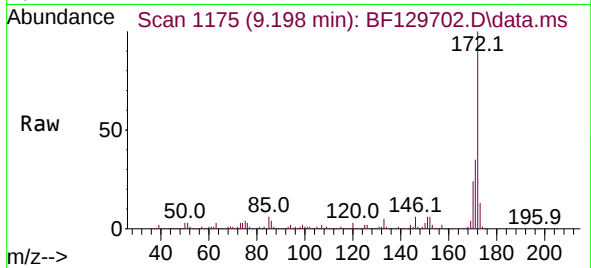
Tgt Ion:196 Resp: 342320
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 97 52.0 36.4 54.6
 132 30.0 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 66.495 ng
RT: 9.198 min Scan# 1117
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

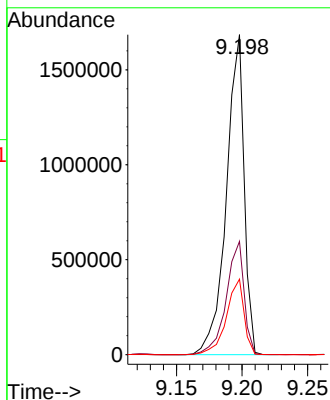
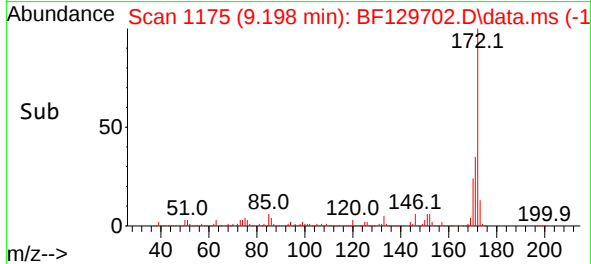
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:172 Resp: 1585835
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.6 19.8 29.8

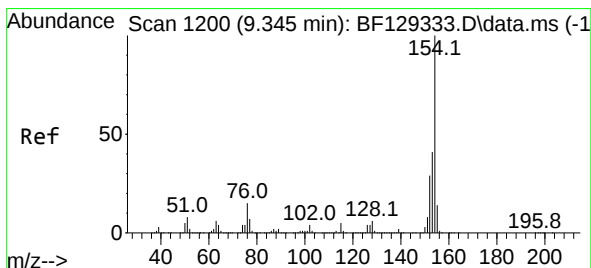
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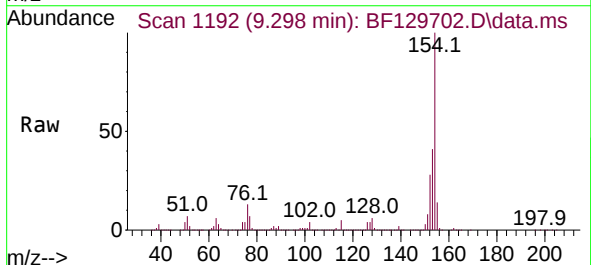


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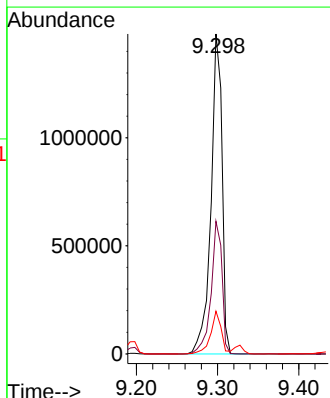
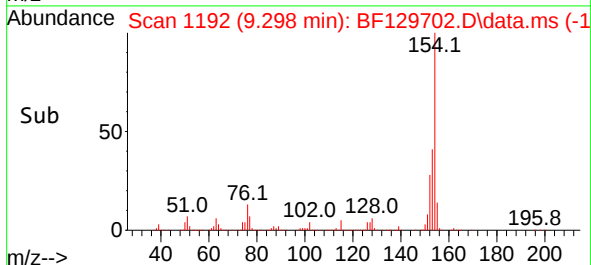
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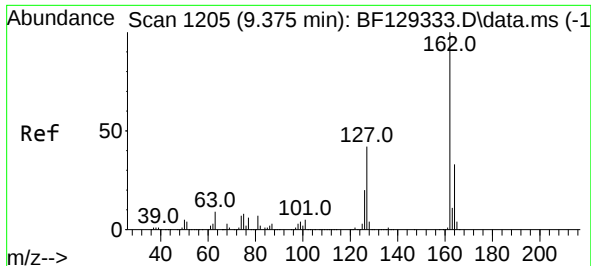


#46
1,1'-Biphenyl
Concen: 52.173 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46



Tgt Ion:154 Resp: 1404750
Ion Ratio Lower Upper
154 100
153 41.4 20.6 60.6
76 13.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 49.625 ng

RT: 9.327 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

Instrument :

BNA_F

ClientSampleId :

RBR-200051MS

Tgt Ion:162 Resp: 108012

Ion Ratio Lower Upper

162 100

127 42.1 34.5 51.7

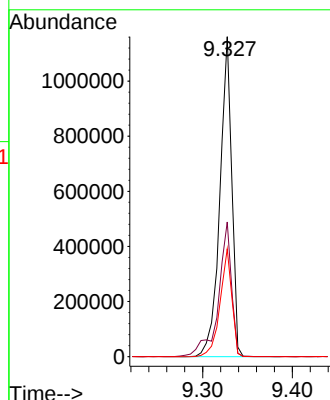
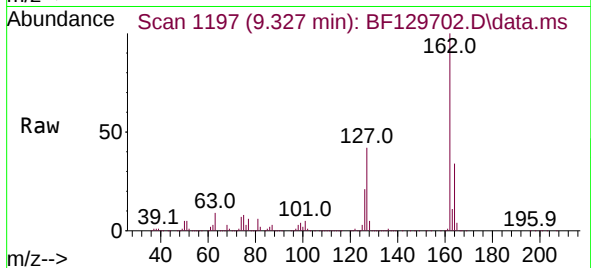
164 33.7 26.5 39.7

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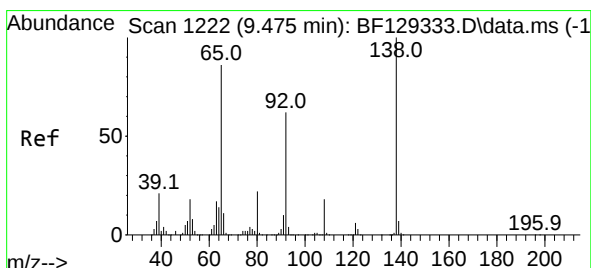
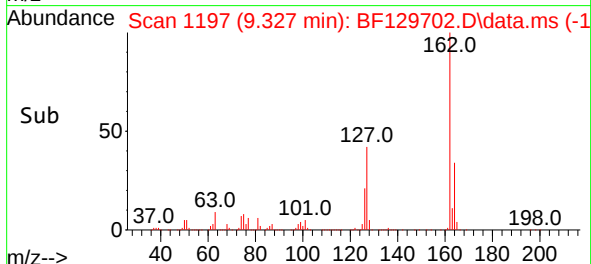
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#48

2-Nitroaniline

Concen: 47.035 ng

RT: 9.433 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

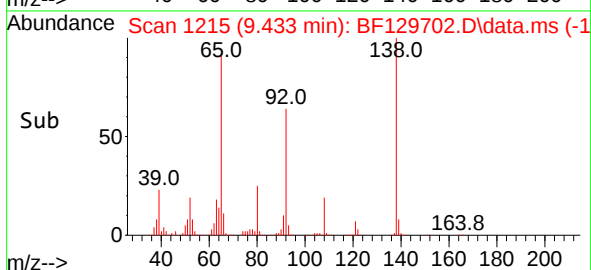
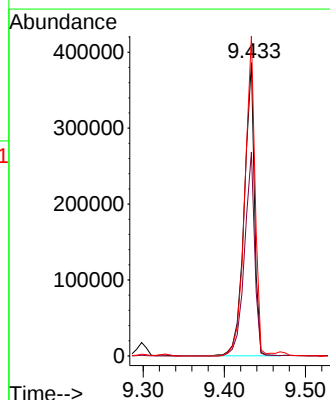
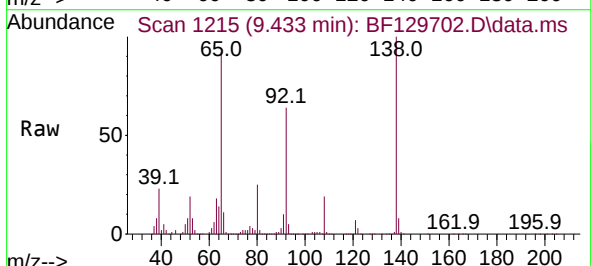
Tgt Ion: 65 Resp: 340422

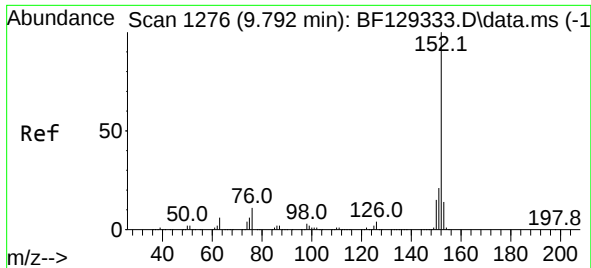
Ion Ratio Lower Upper

65 100

92 69.6 51.9 77.9

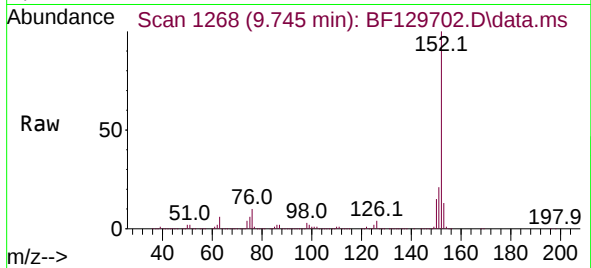
138 109.2 76.4 114.6





#49
Acenaphthylene
Concen: 48.226 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

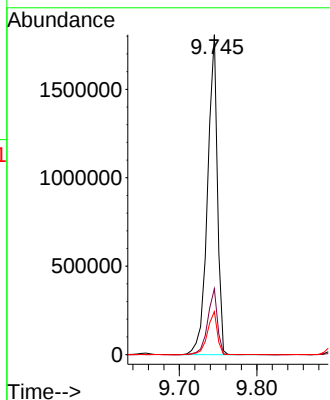
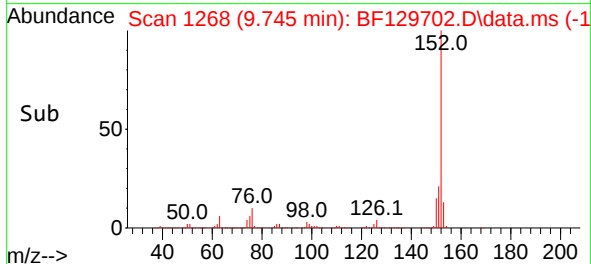
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:152 Resp: 159499
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.4 10.7 16.1

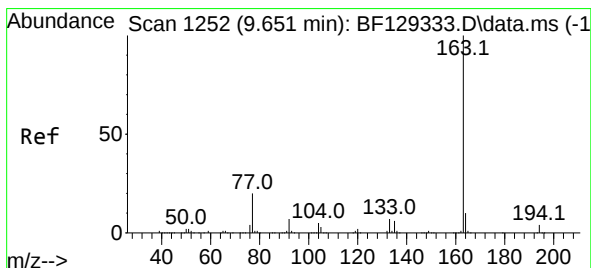
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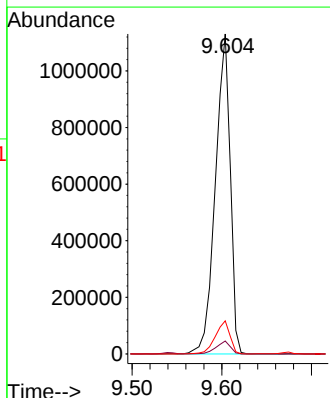
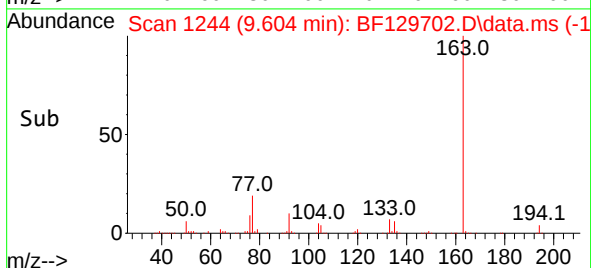
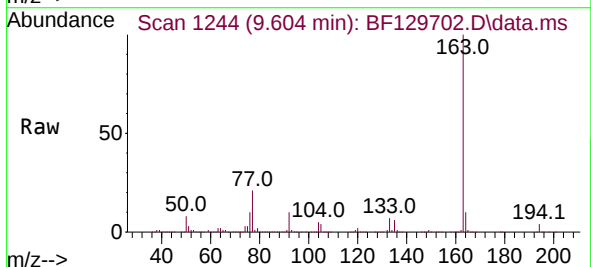
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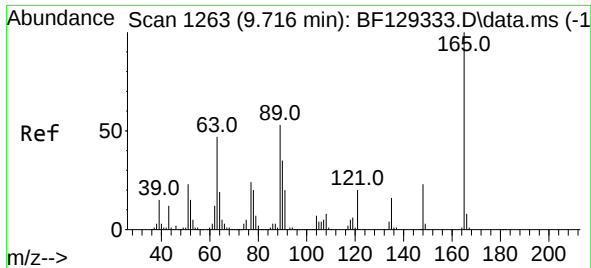
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#50
Dimethylphthalate
Concen: 51.392 ng
RT: 9.604 min Scan# 1244
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

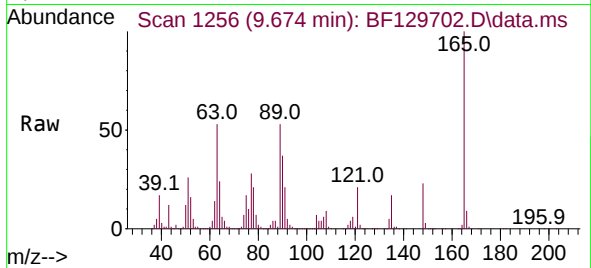
Tgt Ion:163 Resp: 1308872
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.271 ng
RT: 9.674 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

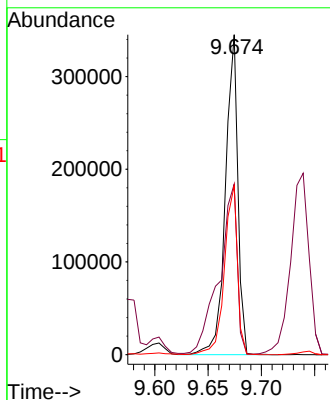
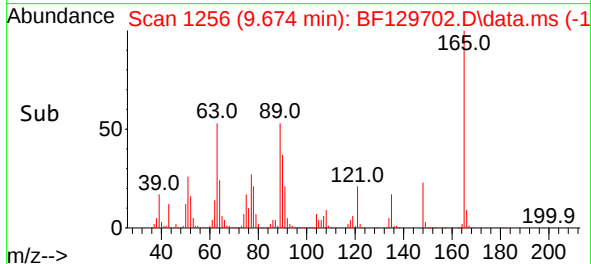
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:165 Resp: 280863
Ion Ratio Lower Upper
165 100
63 53.3 44.9 67.3
89 52.8 43.6 65.4

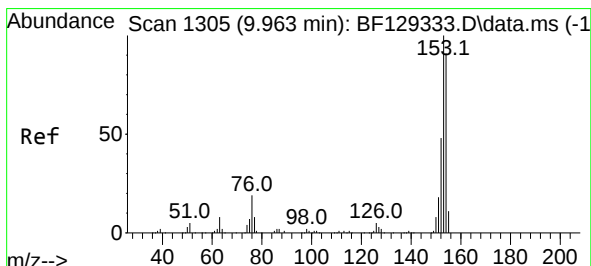
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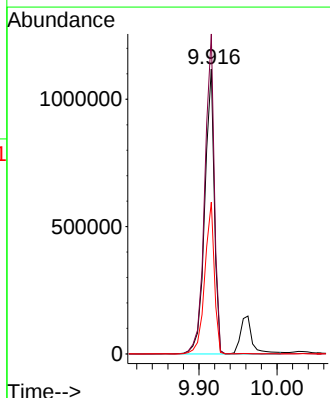
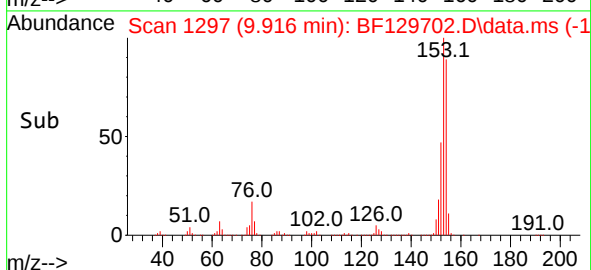
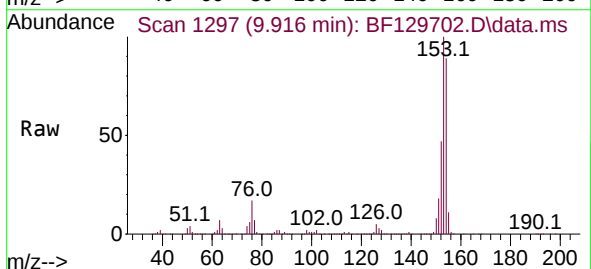
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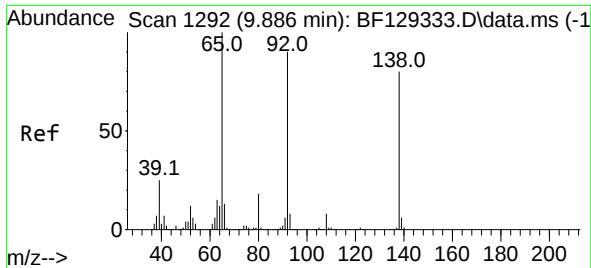
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#52
Acenaphthene
Concen: 51.429 ng m
RT: 9.916 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

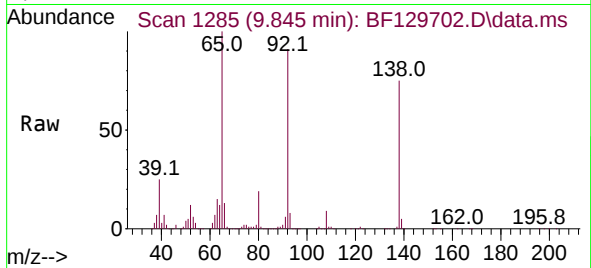
Tgt Ion:154 Resp: 1110947
Ion Ratio Lower Upper
154 100
153 112.4 89.6 134.4
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 33.162 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

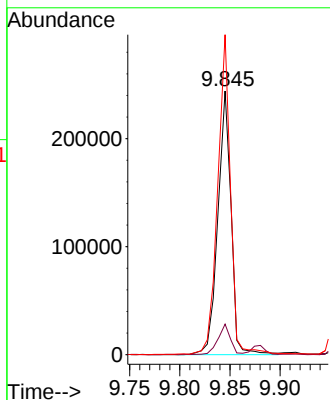
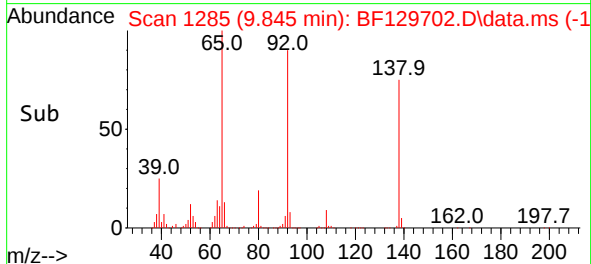
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:138 Resp: 223217
Ion Ratio Lower Upper
138 100
108 11.6 10.9 16.3
92 121.4 98.2 147.2

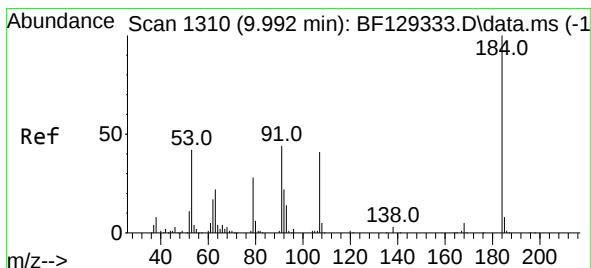
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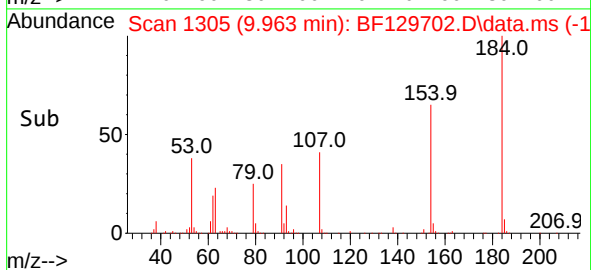
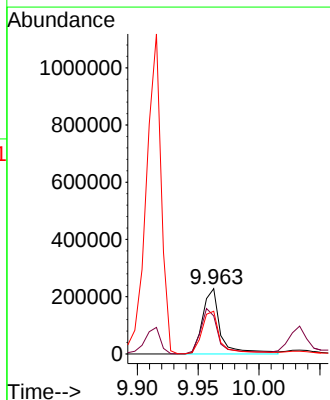
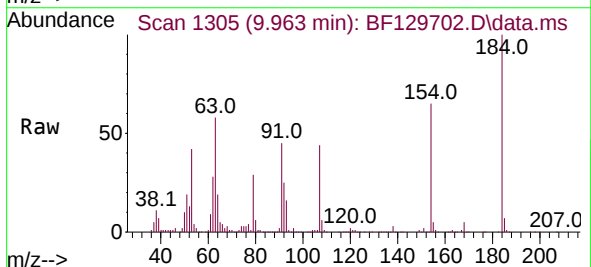
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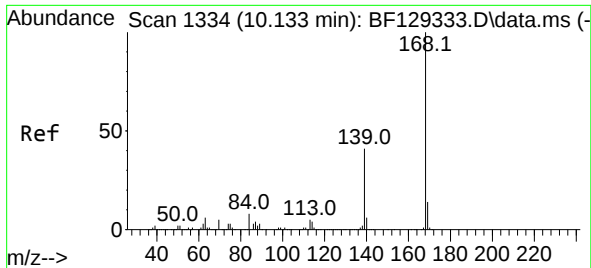
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#54
2,4-Dinitrophenol
Concen: 80.059 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

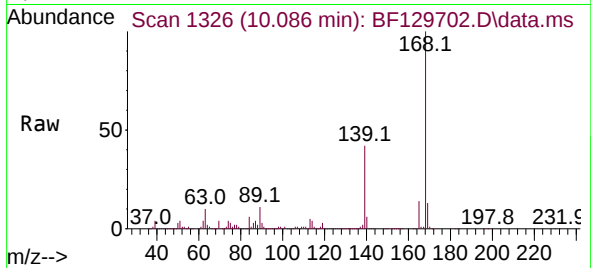
Tgt Ion:184 Resp: 232974
Ion Ratio Lower Upper
184 100
63 58.2 64.5 96.7#
154 65.3 50.6 75.8





#55
Dibenzenofuran
Concen: 47.084 ng
RT: 10.086 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

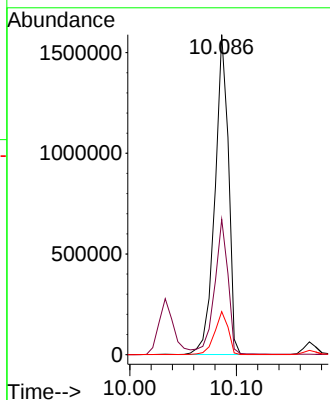
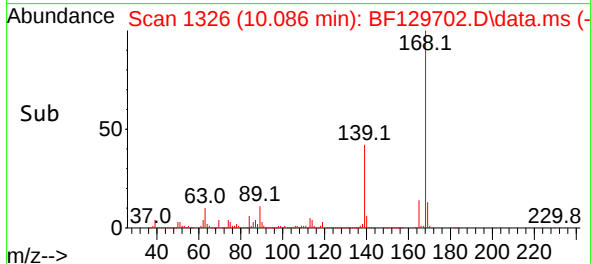
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:168 Resp: 1402084
Ion Ratio Lower Upper
168 100
139 42.3 30.6 46.0
169 13.4 11.0 16.6

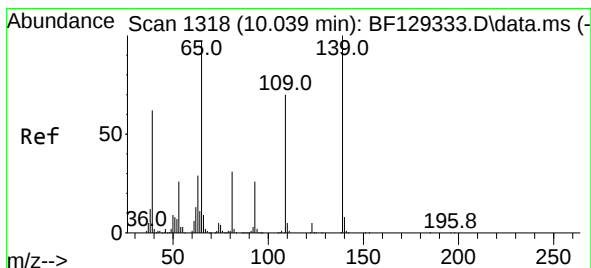
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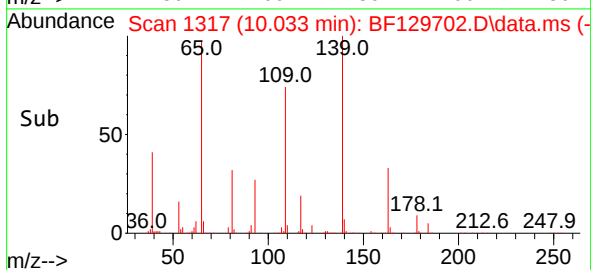
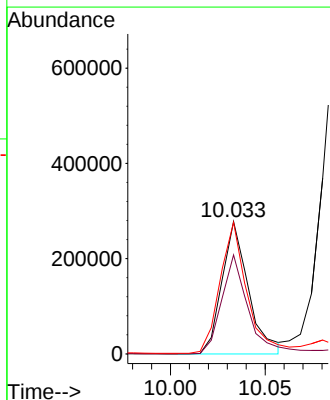
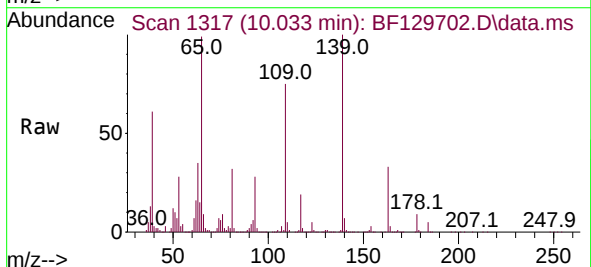
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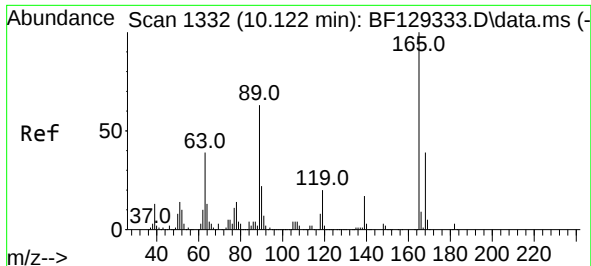
08/11/2022



#56
4-Nitrophenol
Concen: 54.593 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

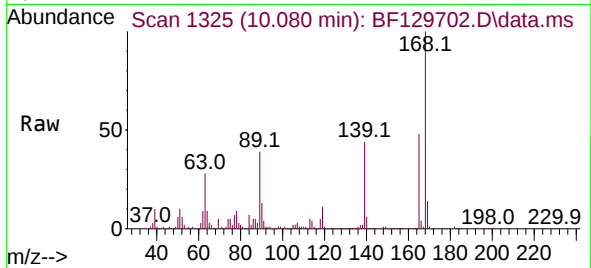
Tgt Ion:139 Resp: 271108
Ion Ratio Lower Upper
139 100
109 74.7 50.7 90.7
65 99.4 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 46.724 ng
RT: 10.080 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

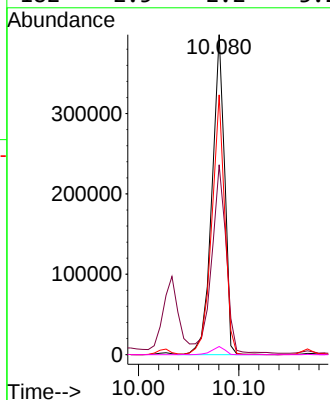
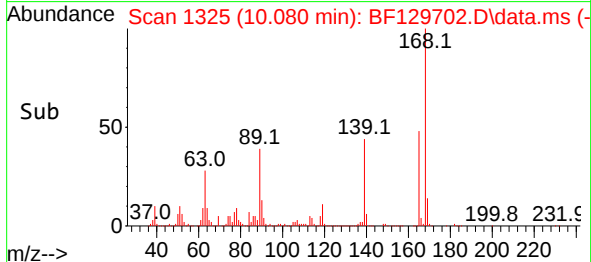
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:165 Resp: 347940
Ion Ratio Lower Upper
165 100
63 59.3 39.8 59.6
89 81.2 60.2 90.2
182 2.5 2.2 3.2

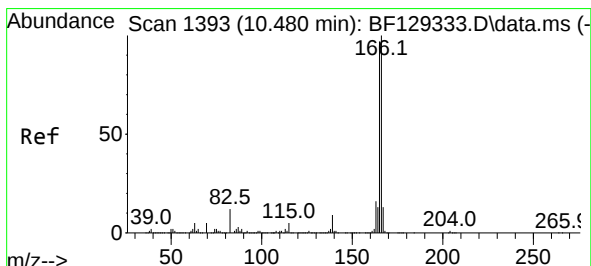
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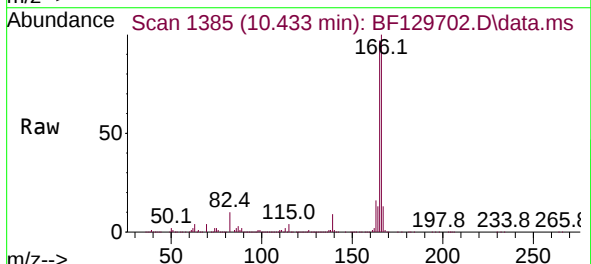


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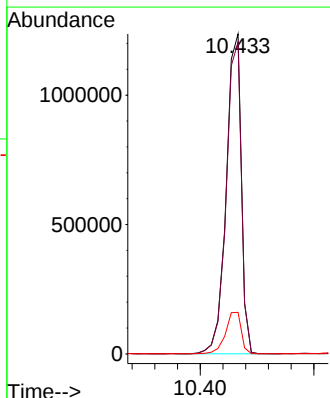
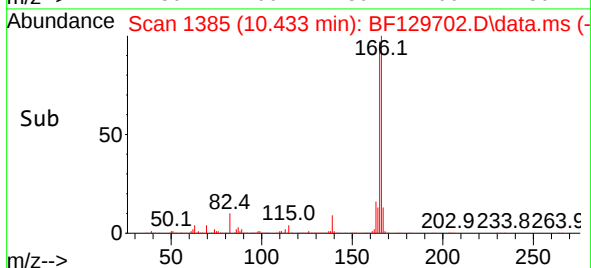
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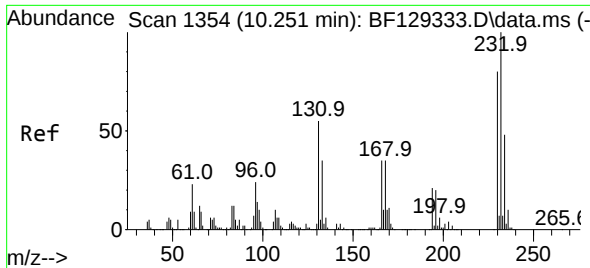


#58
Fluorene
Concen: 47.840 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46



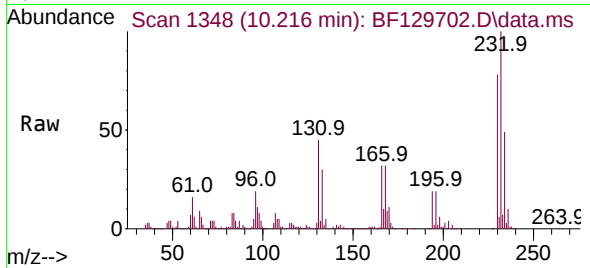
Tgt Ion:166 Resp: 1139839
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.079 ng
RT: 10.216 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

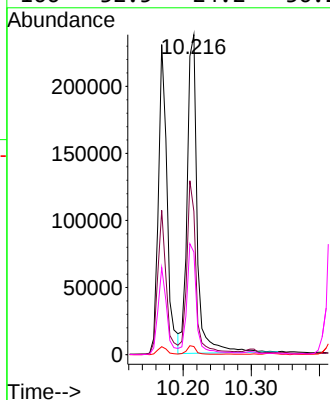
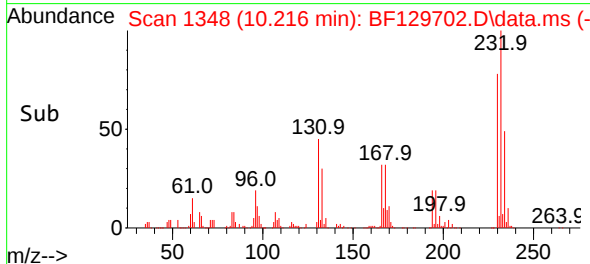
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:232 Resp: 242902
Ion Ratio Lower Upper
232 100
131 47.9 36.1 54.1
130 2.4 1.8 2.8
166 32.5 24.2 36.2

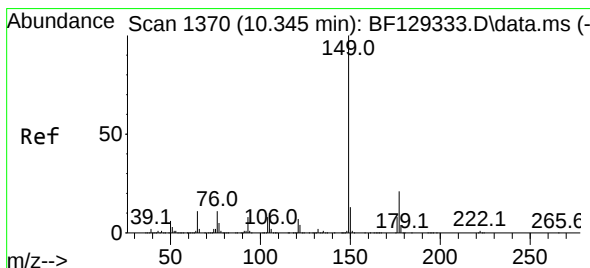
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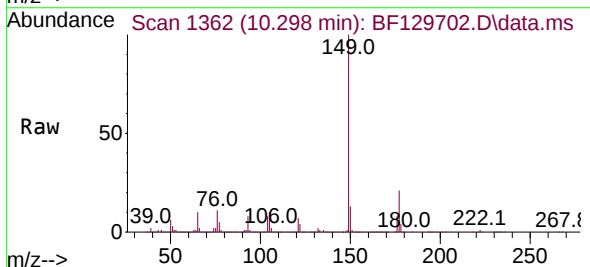


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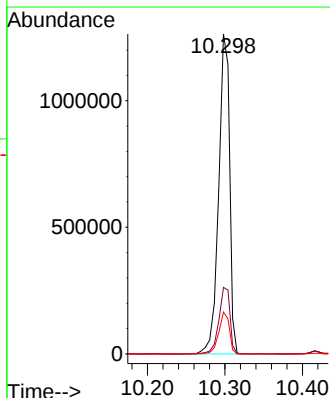
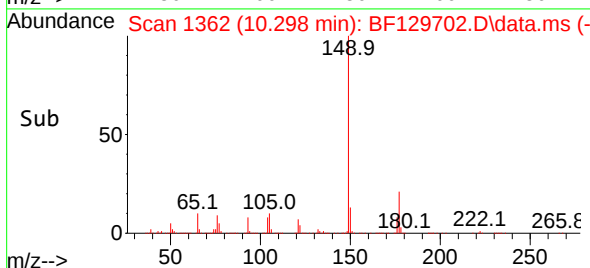
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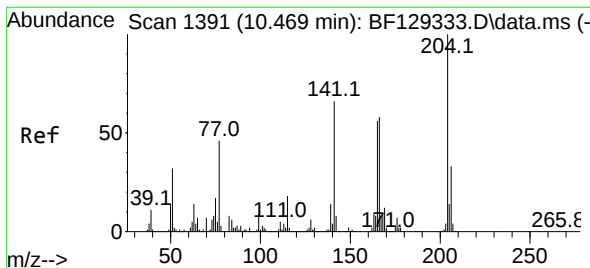


#60
Diethylphthalate
Concen: 50.197 ng
RT: 10.298 min Scan# 1362
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46



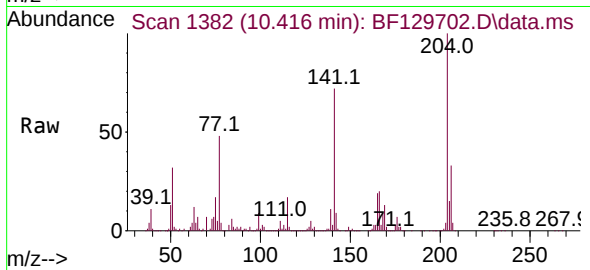
Tgt Ion:149 Resp: 1235845
Ion Ratio Lower Upper
149 100
177 20.8 17.3 25.9
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 50.854 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

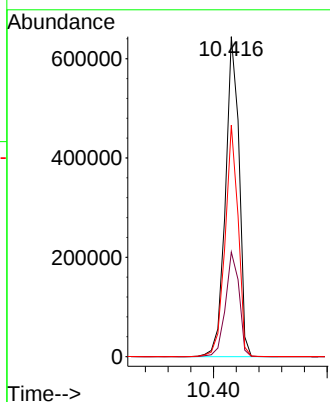
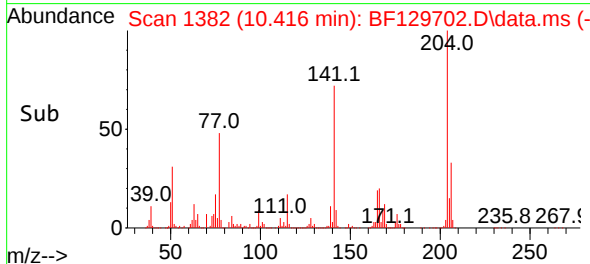
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:204 Resp: 534173
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 72.3 47.0 70.4

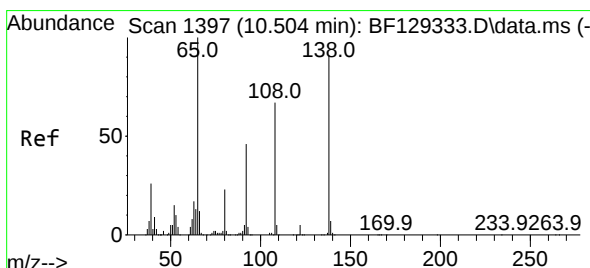
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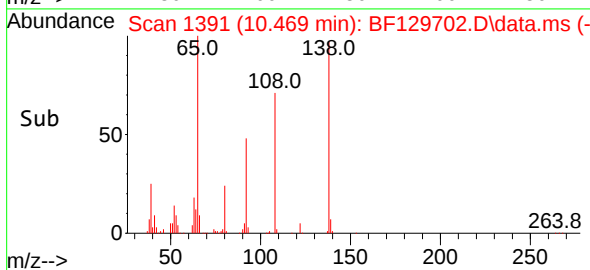
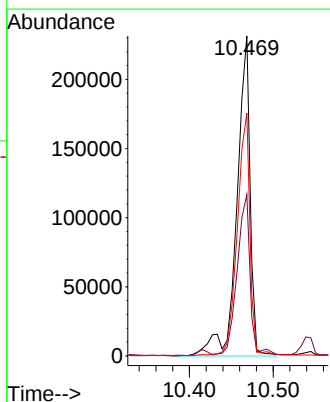
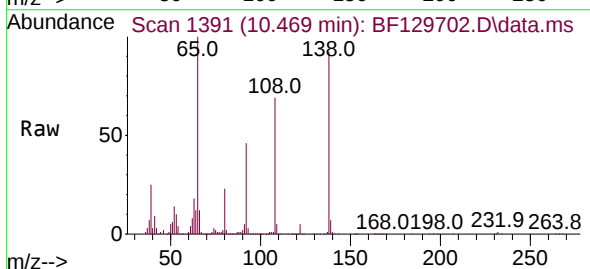
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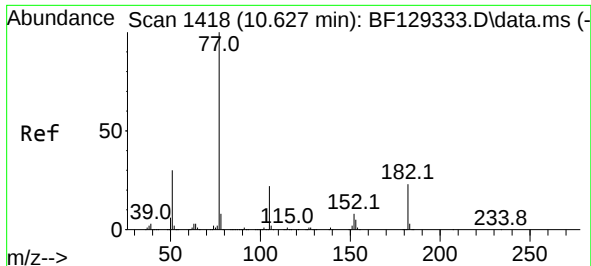
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#62
4-Nitroaniline
Concen: 37.953 ng m
RT: 10.469 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion:138 Resp: 253432
Ion Ratio Lower Upper
138 100
92 50.4 33.5 73.5
108 75.9 61.0 101.0





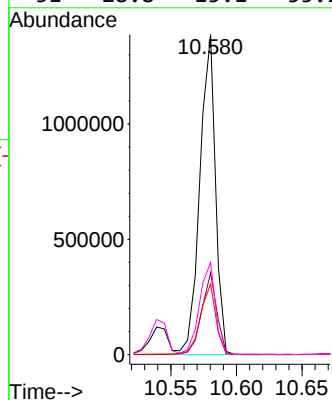
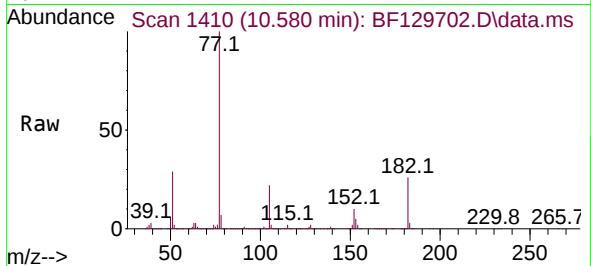
#63
Azobenzene
Concen: 45.402 ng
RT: 10.580 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tgt Ion: 77 Resp: 114012
Ion Ratio Lower Upper
77 100
182 25.6 5.6 45.6
105 22.1 1.6 41.6
51 28.8 15.1 55.1

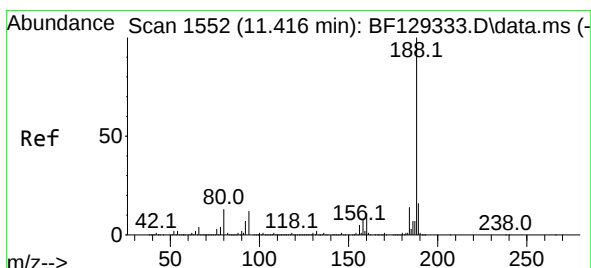
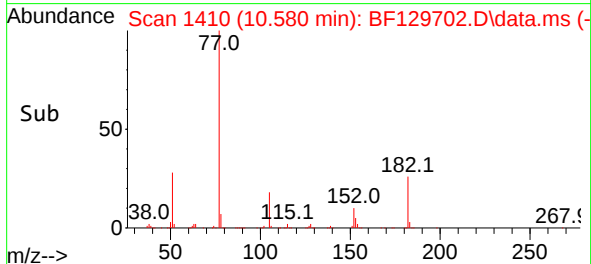
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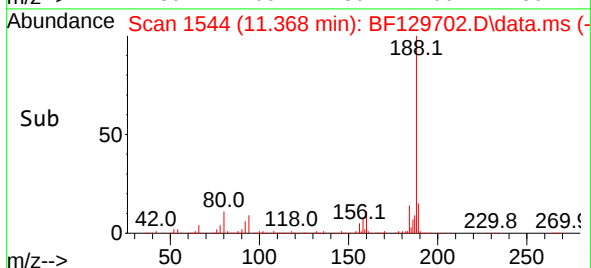
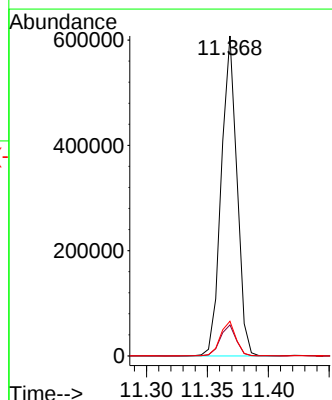
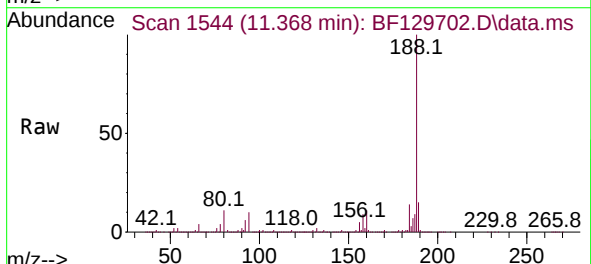
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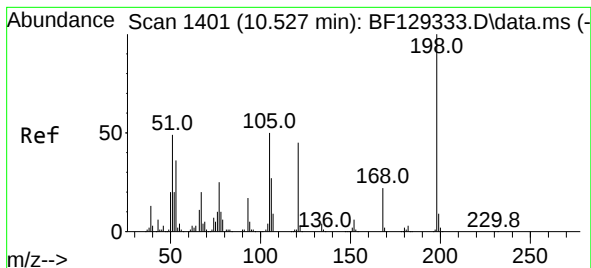
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion:188 Resp: 544640
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.8 7.6 11.4





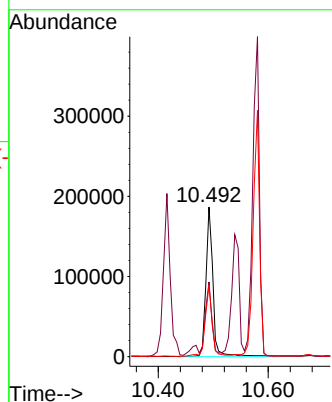
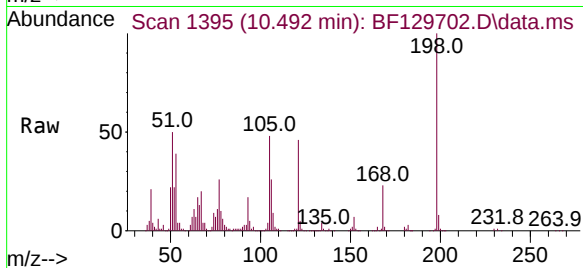
#65
4,6-Dinitro-2-methylphenol
Concen: 47.921 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tgt Ion:198 Resp: 164733
Ion Ratio Lower Upper
198 100
51 50.0 37.6 77.6
105 47.9 27.0 67.0

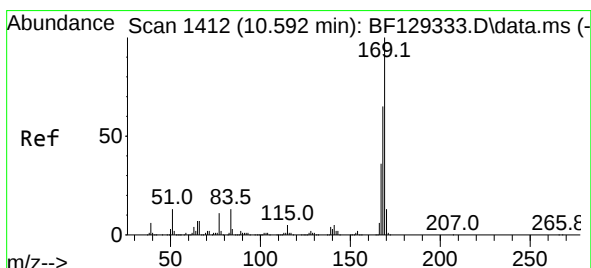
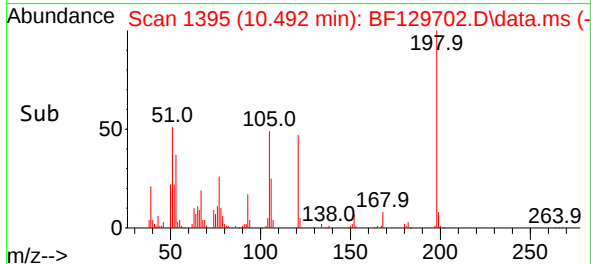
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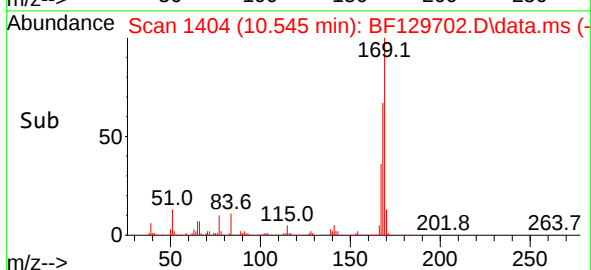
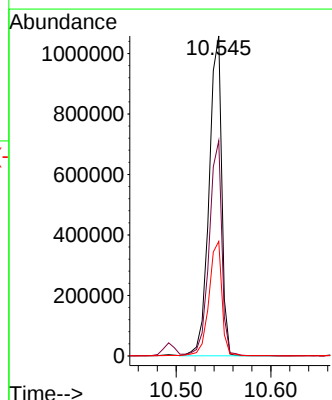
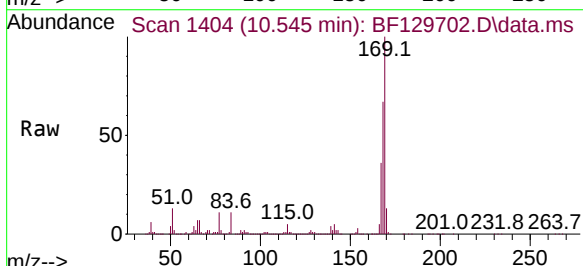
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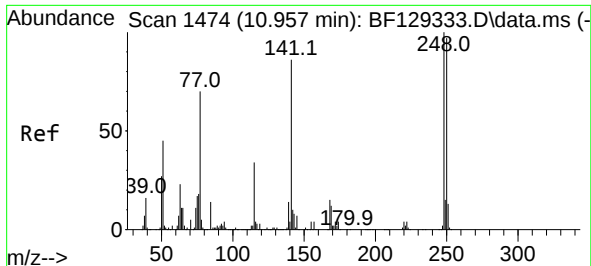
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#66
n-Nitrosodiphenylamine
Concen: 54.225 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

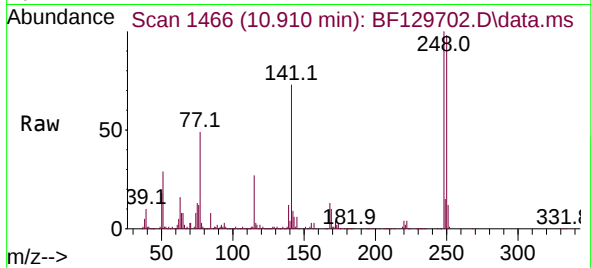
Tgt Ion:169 Resp: 983532
Ion Ratio Lower Upper
169 100
168 67.2 50.1 75.1
167 35.8 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 55.384 ng
RT: 10.910 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

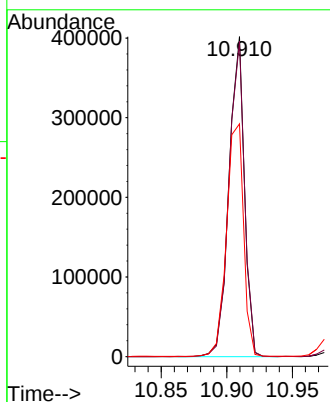
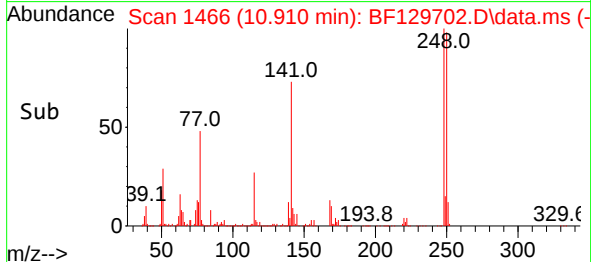
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:248 Resp: 330311
Ion Ratio Lower Upper
248 100
250 98.5 80.6 120.8
141 72.8 58.9 88.3

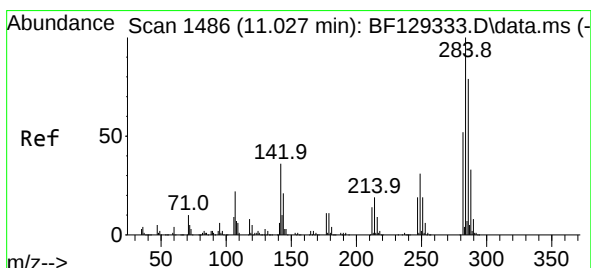
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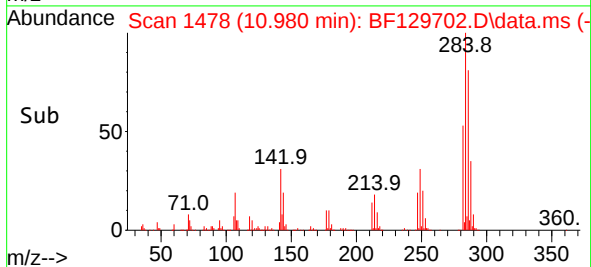
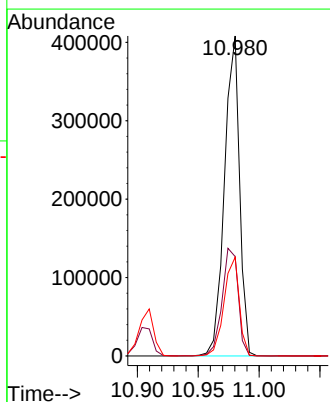
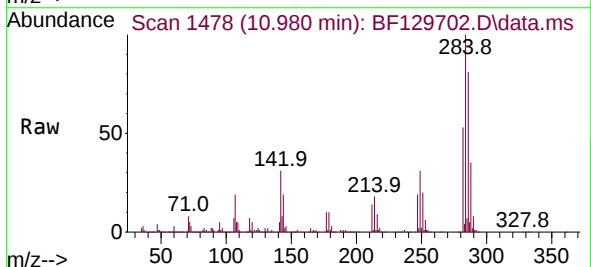
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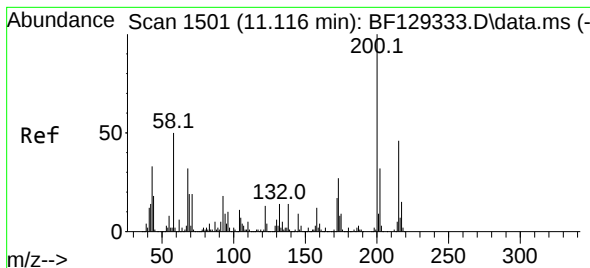
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#68
Hexachlorobenzene
Concen: 54.221 ng
RT: 10.980 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion:284 Resp: 350382
Ion Ratio Lower Upper
284 100
142 31.0 29.0 43.4
249 30.8 25.0 37.6





#69

Atrazine

Concen: 57.027 ng

RT: 11.074 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

Instrument :

BNA_F

ClientSampleId :

RBR-200051MS

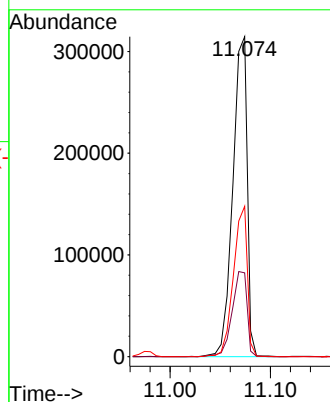
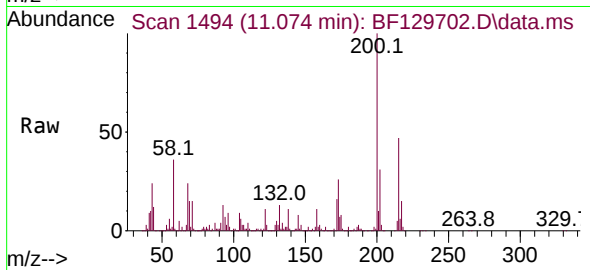
Tgt Ion:200	Resp:	31417
Ion Ratio	Lower	Upper
200	100	
173	26.2	6.3 46.3
215	47.0	28.3 68.3

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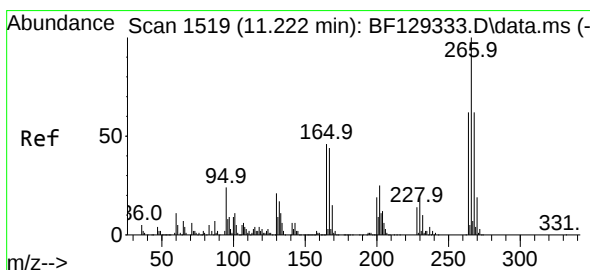
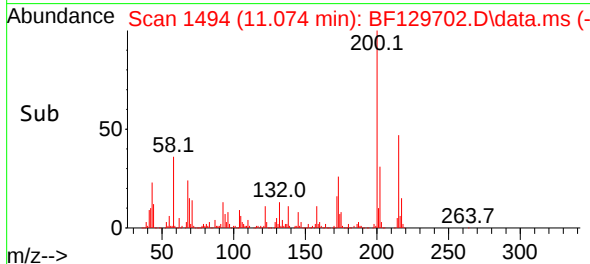
Reviewed By :Christian Giraldo 08/11/2022

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#70

Pentachlorophenol

Concen: 57.306 ng

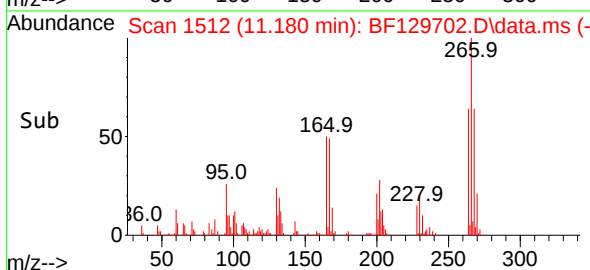
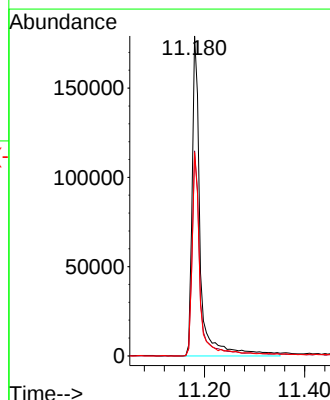
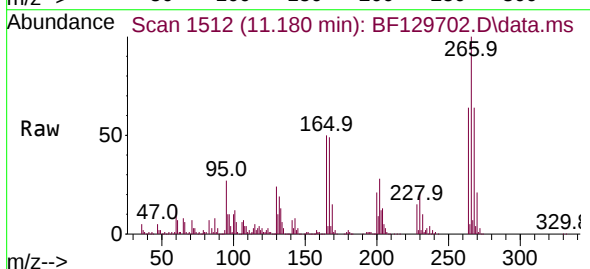
RT: 11.180 min Scan# 1512

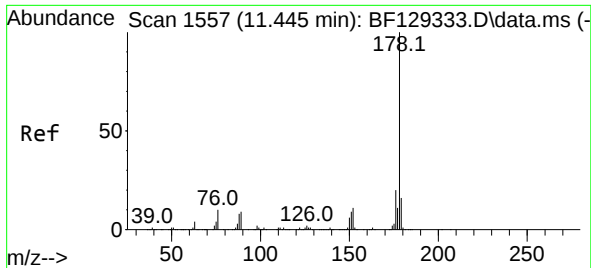
Delta R.T. -0.012 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

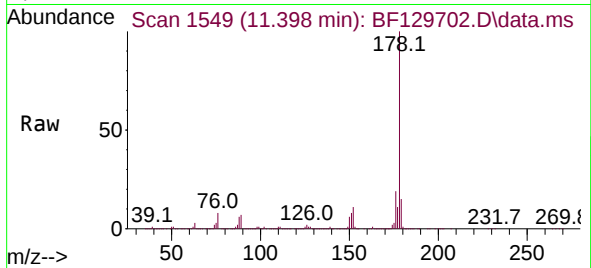
Tgt Ion:266	Resp:	201316
Ion Ratio	Lower	Upper
266	100	
268	64.1	51.0 76.4
264	63.5	49.4 74.2





#71
Phenanthrene
Concen: 50.767 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

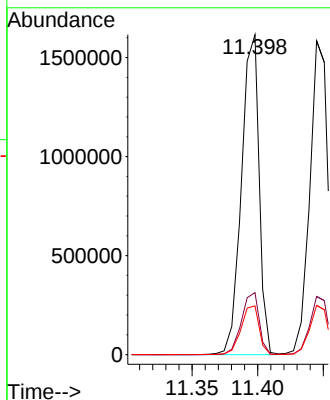
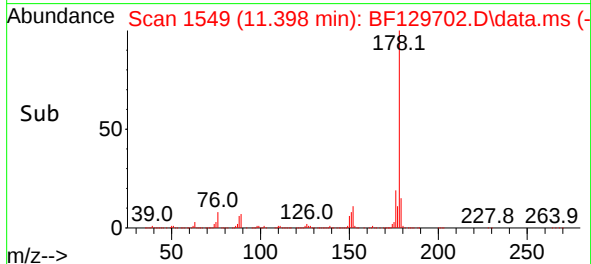
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:178 Resp: 1509338
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.2 12.6 19.0

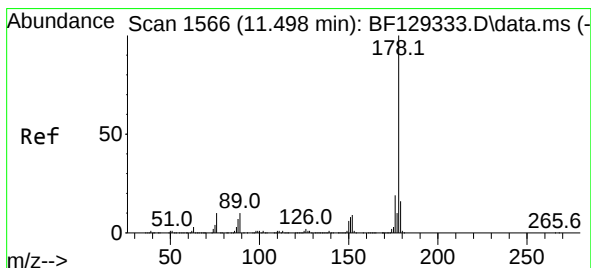
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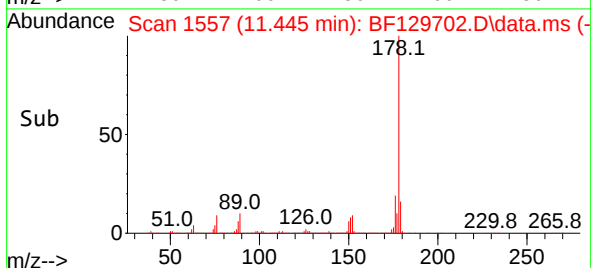
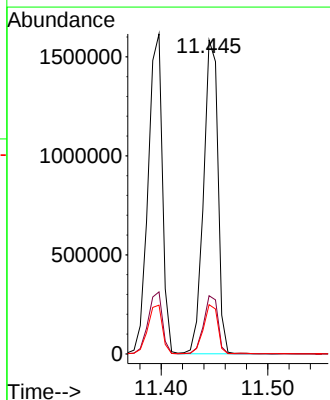
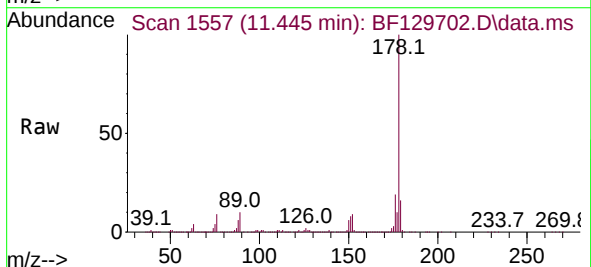
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Upadhyay

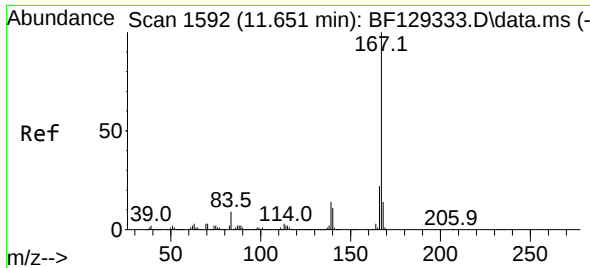
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#72
Anthracene
Concen: 50.622 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

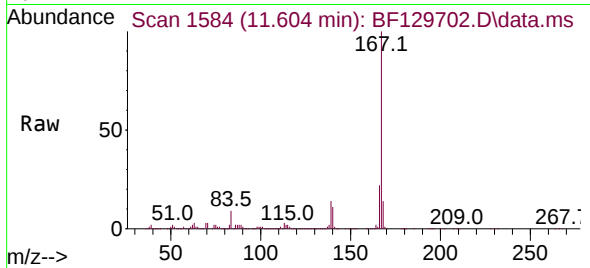
Tgt Ion:178 Resp: 1478997
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 45.168 ng
 RT: 11.604 min Scan# 1584
 Delta R.T. -0.012 min
 Lab File: BF129702.D
 Acq: 10 Aug 2022 18:46

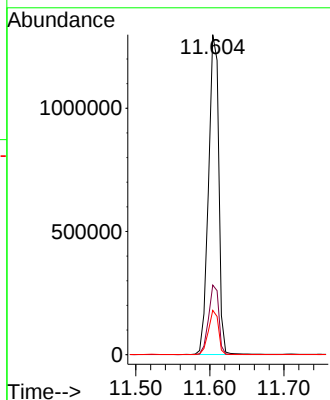
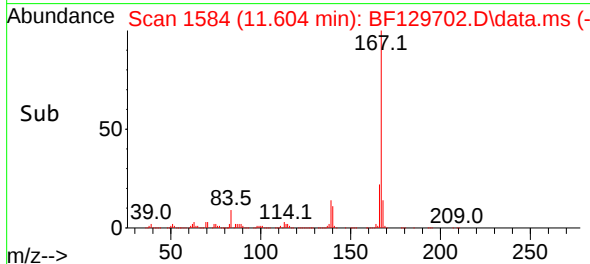
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS



Tgt Ion:167 Resp: 1242230
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.8 11.2 16.8

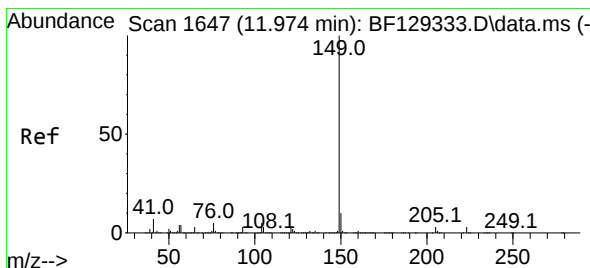
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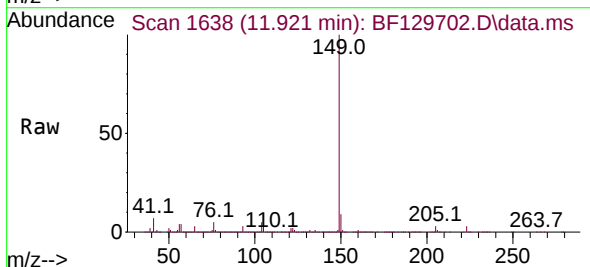


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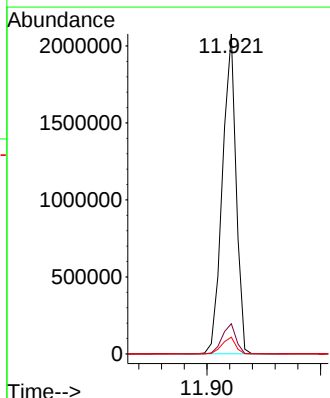
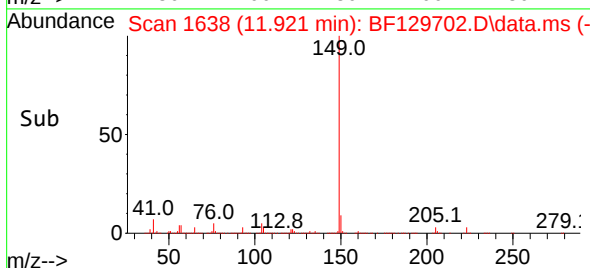
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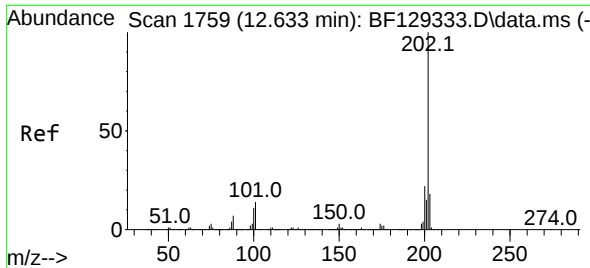


#74
 Di-n-butylphthalate
 Concen: 52.943 ng
 RT: 11.921 min Scan# 1638
 Delta R.T. -0.012 min
 Lab File: BF129702.D
 Acq: 10 Aug 2022 18:46



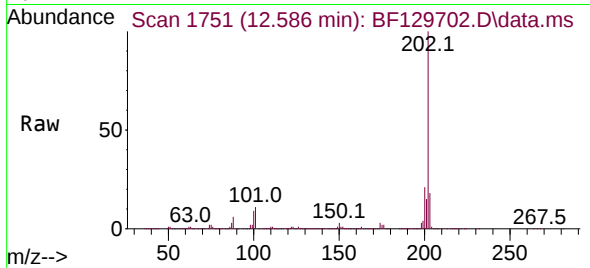
Tgt Ion:149 Resp: 1734019
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 44.602 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

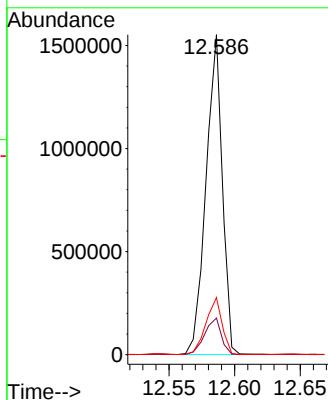
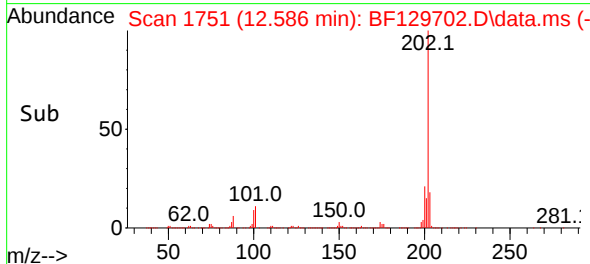
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:202 Resp: 1343563
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.8 0.0 38.0

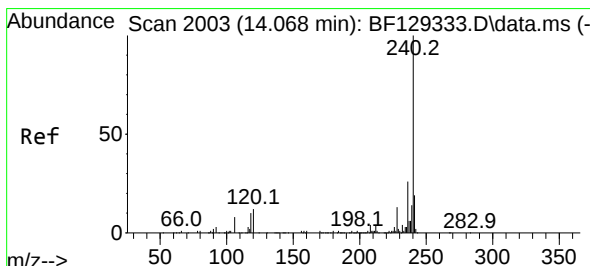
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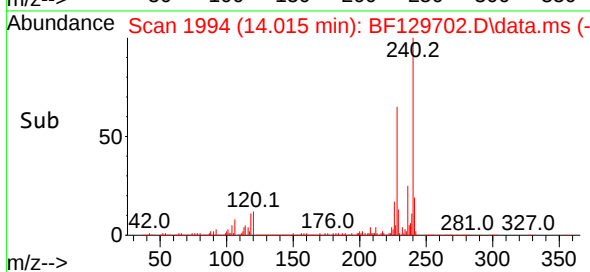
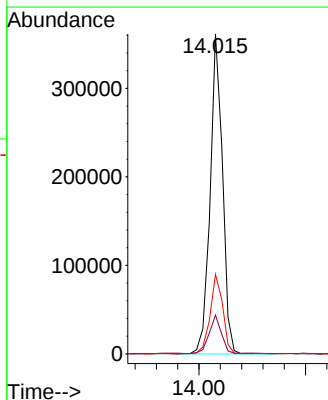
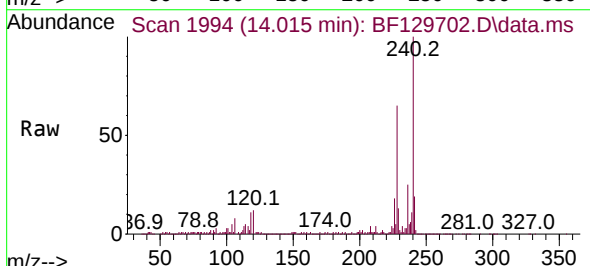
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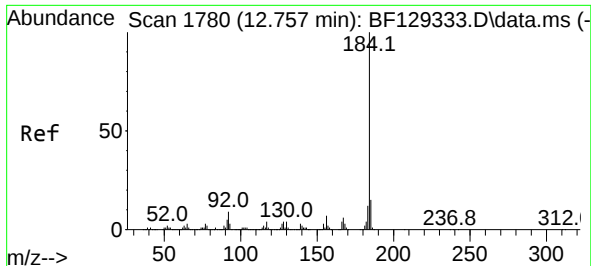
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion:240 Resp: 291992
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 24.9 20.8 31.2





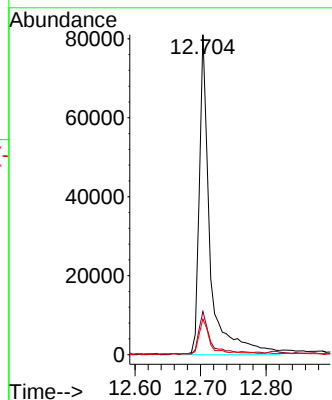
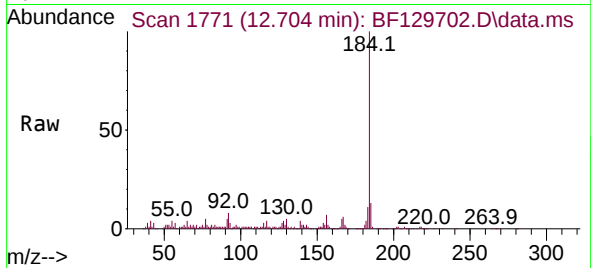
#77
Benzidine
Concen: 8.942 ng
RT: 12.704 min Scan# 1771
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tgt Ion:184 Resp: 92245
Ion Ratio Lower Upper
184 100
185 13.5 11.9 17.9
183 11.1 9.3 13.9

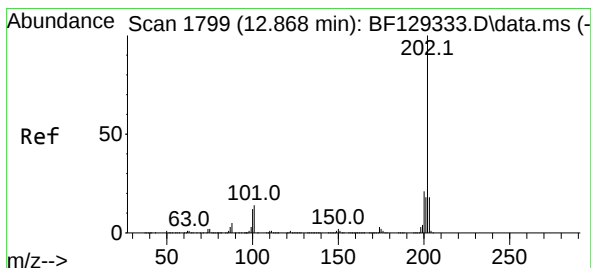
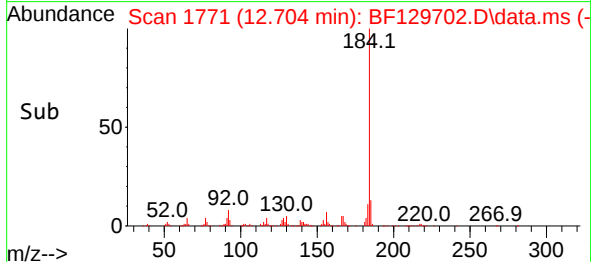
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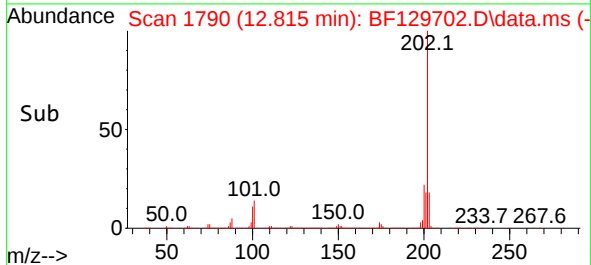
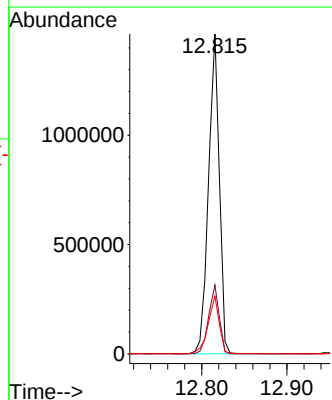
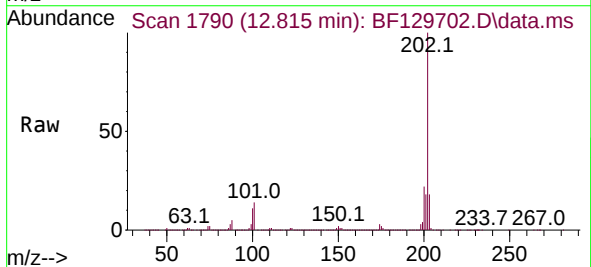
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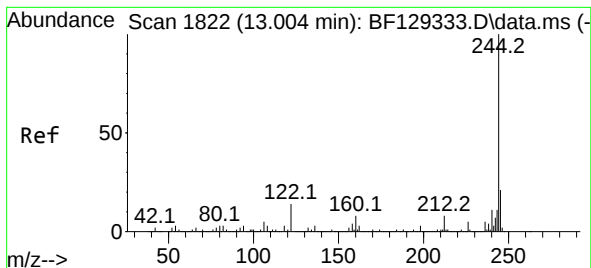
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#78
Pyrene
Concen: 52.842 ng
RT: 12.815 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion:202 Resp: 1290245
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 67.262 ng

RT: 12.951 min Scan# 1813

Delta R.T. -0.018 min

Lab File: BF129702.D

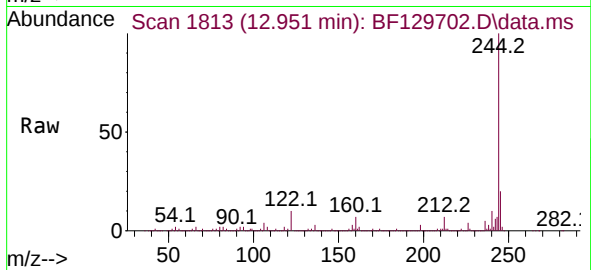
Acq: 10 Aug 2022 18:46

Instrument :

BNA_F

ClientSampleId :

RBR-200051MS



Tgt Ion:244 Resp: 1041033

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

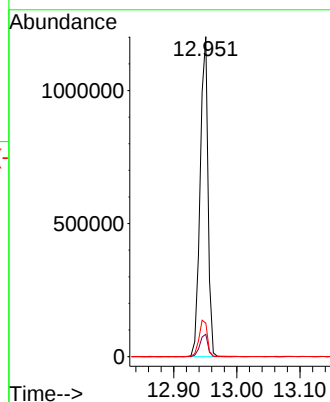
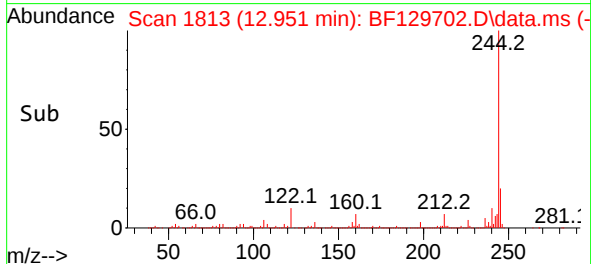
122 10.5 8.8 13.2

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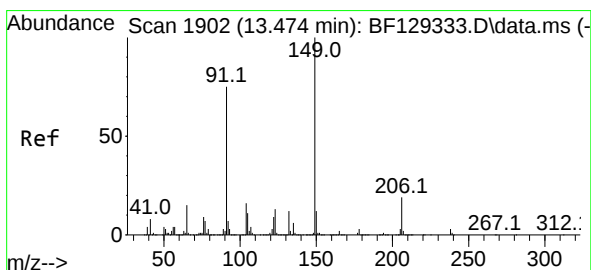
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#80

Butylbenzylphthalate

Concen: 51.635 ng

RT: 13.421 min Scan# 1893

Delta R.T. -0.018 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

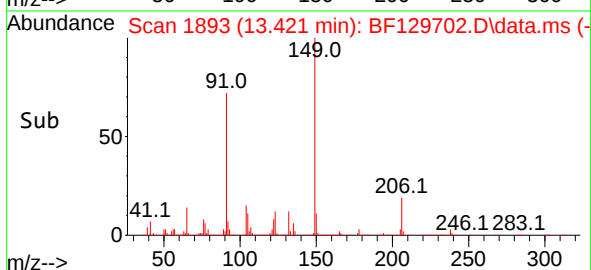
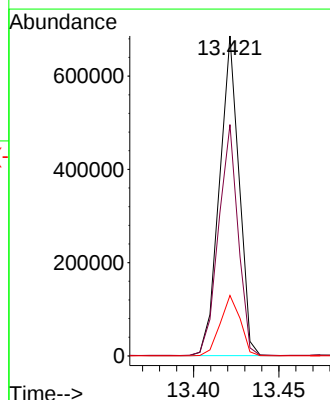
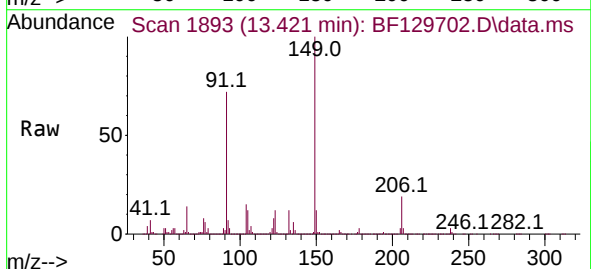
Tgt Ion:149 Resp: 546857

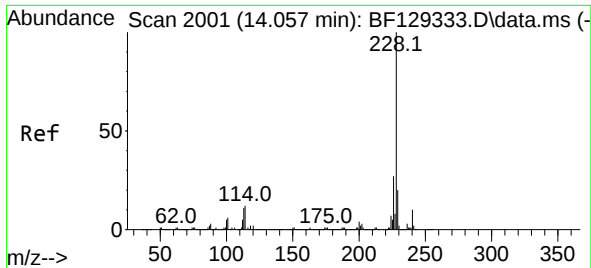
Ion Ratio Lower Upper

149 100

91 72.3 61.2 91.8

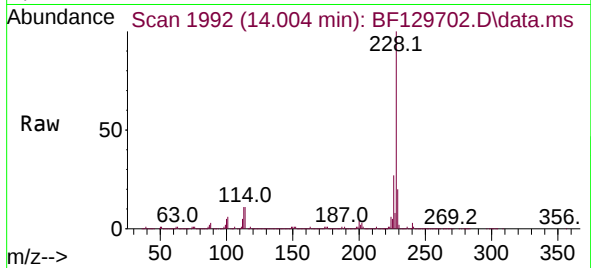
206 18.9 15.7 23.5





#81
Benzo(a)anthracene
Concen: 50.490 ng
RT: 14.004 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

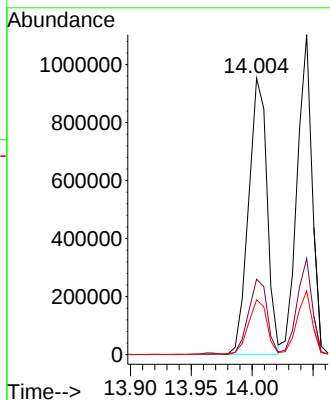
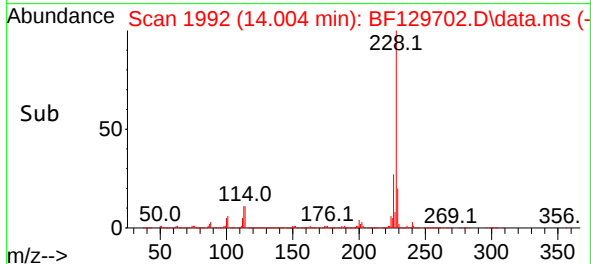
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:228 Resp: 1007066
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.8 15.8 23.8

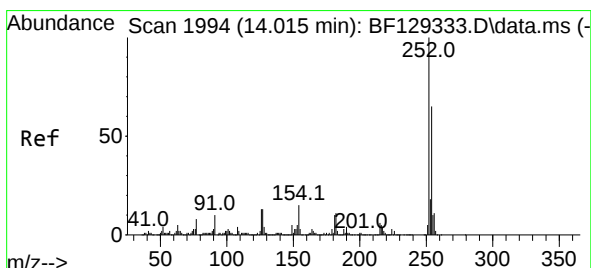
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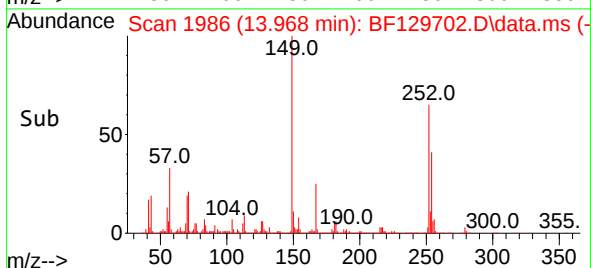
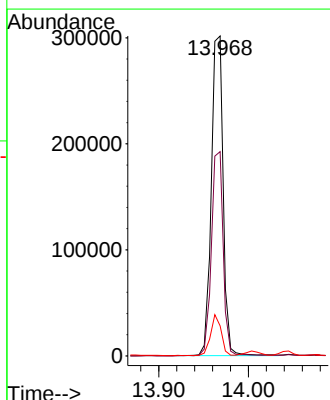
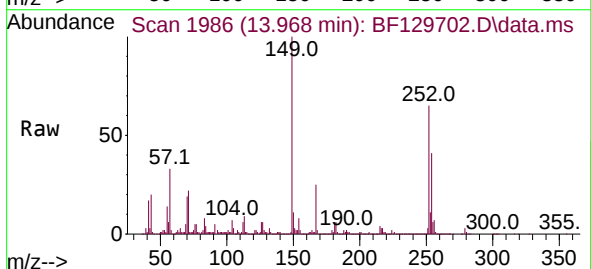
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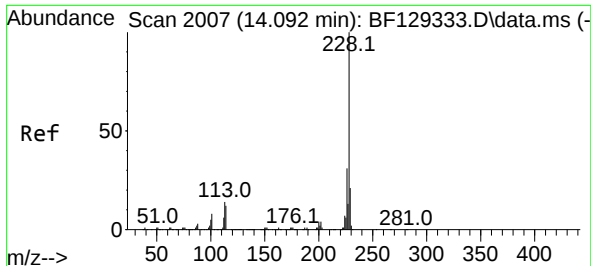
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#82
3,3'-Dichlorobenzidine
Concen: 41.966 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

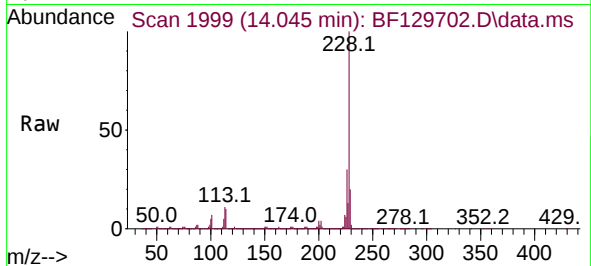
Tgt Ion:252 Resp: 276370
Ion Ratio Lower Upper
252 100
254 63.8 50.2 75.4
126 9.4 8.2 12.4





#83
Chrysene
Concen: 50.065 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

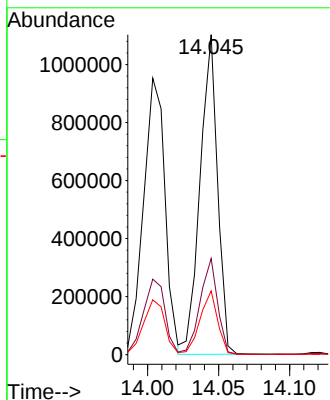
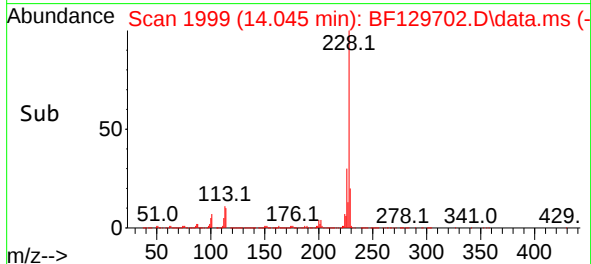
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:228 Resp: 941135
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.9 15.9 23.9

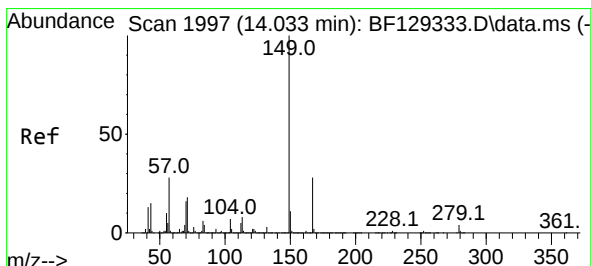
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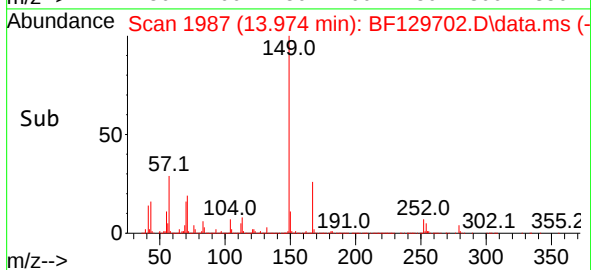
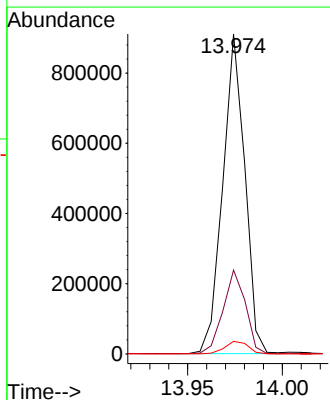
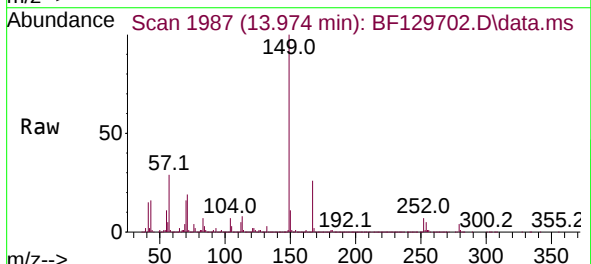
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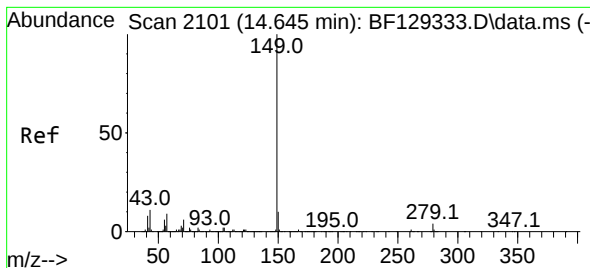
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.908 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

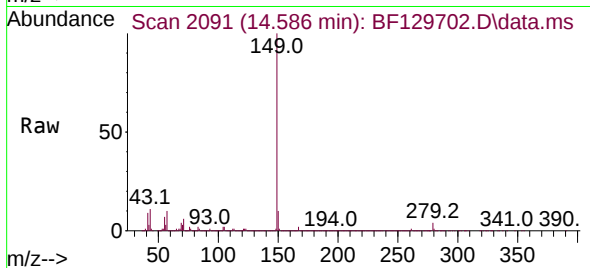
Tgt Ion:149 Resp: 737713
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.4
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 57.974 ng
RT: 14.586 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

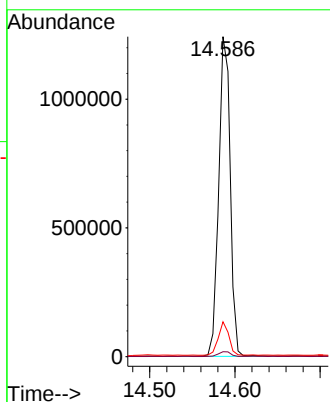
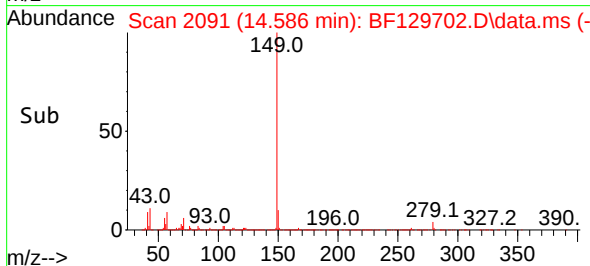
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:149 Resp: 1163234
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 9.2 13.8

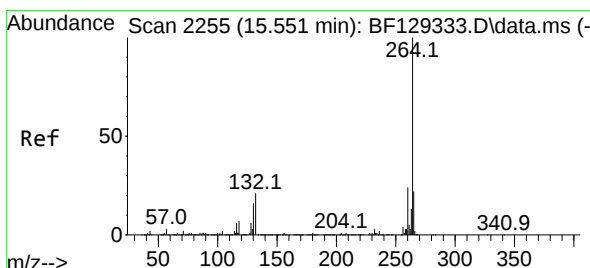
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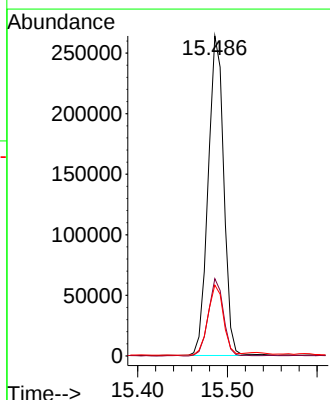
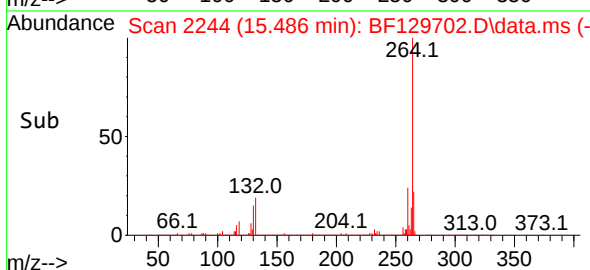
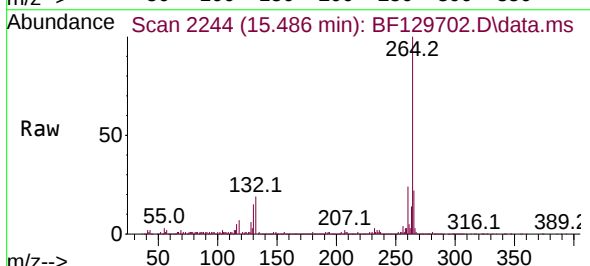
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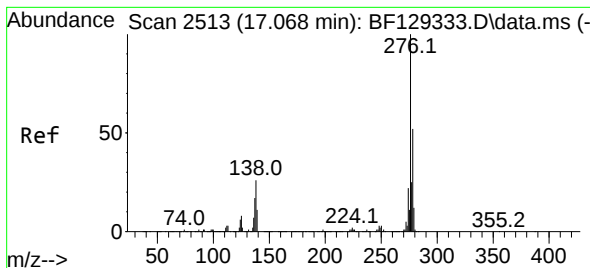
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion:264 Resp: 318577
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.873 ng

RT: 16.980 min Scan# 2498

Delta R.T. -0.018 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

Instrument :

BNA_F

ClientSampleId :

RBR-200051MS

Tgt Ion:276 Resp: 1027040

Ion Ratio Lower Upper

276 100

138 25.0 21.1 31.7

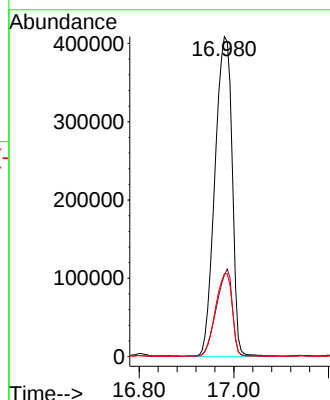
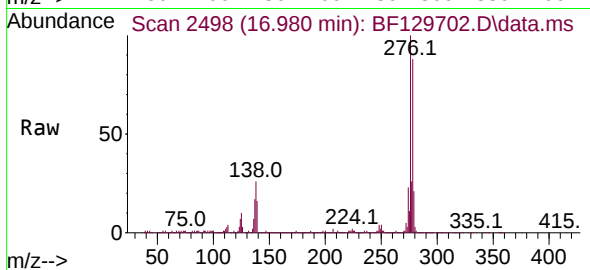
277 25.5 20.3 30.5

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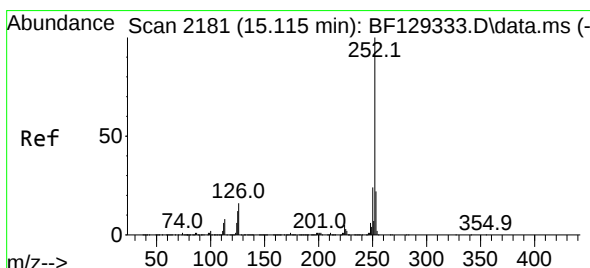
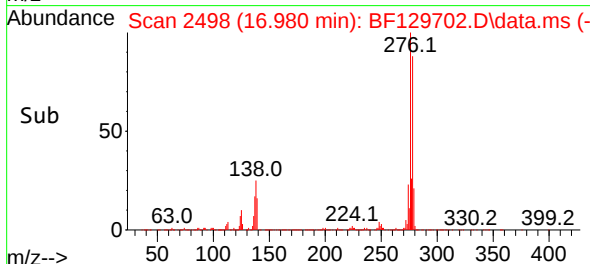
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#88

Benzo(b)fluoranthene

Concen: 53.081 ng

RT: 15.062 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BF129702.D

Acq: 10 Aug 2022 18:46

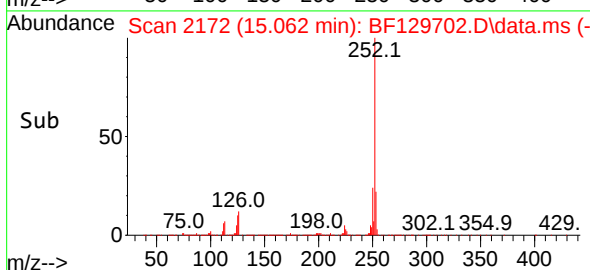
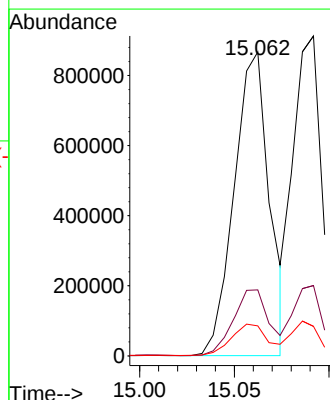
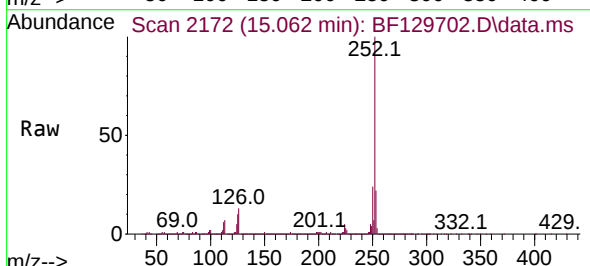
Tgt Ion:252 Resp: 1121711

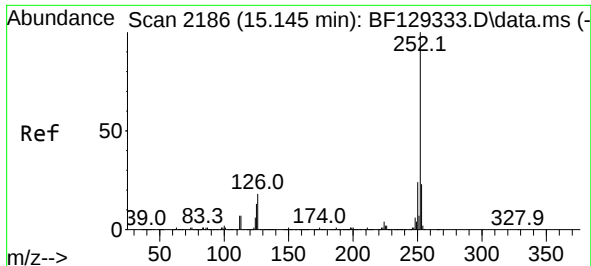
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

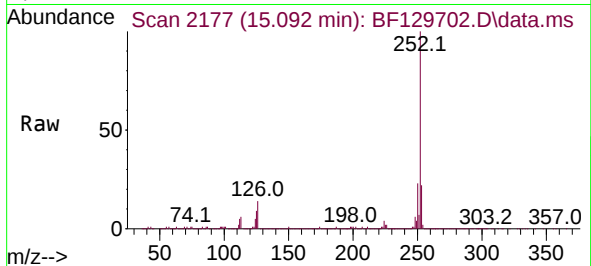
125 9.9 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 45.796 ng
RT: 15.092 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

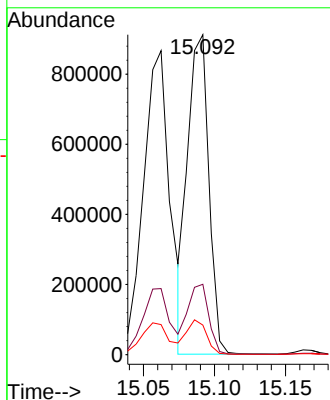
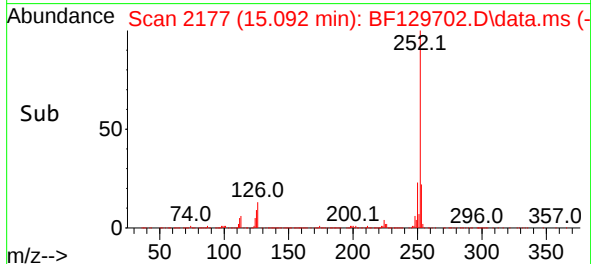
Instrument :
BNA_F
ClientSampleId :
RBR-200051MS



Tgt Ion:252 Resp: 948383
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.2 8.3 12.5

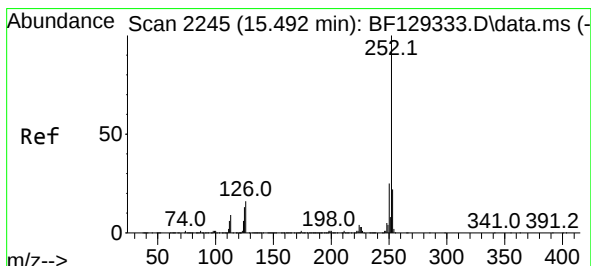
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



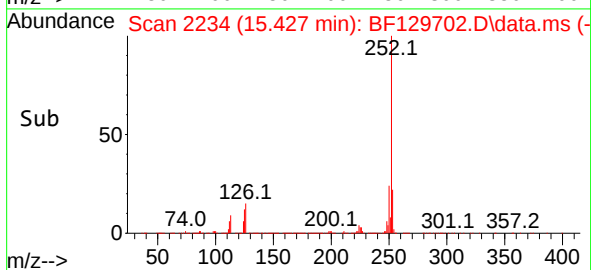
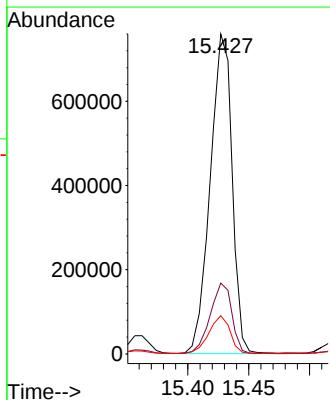
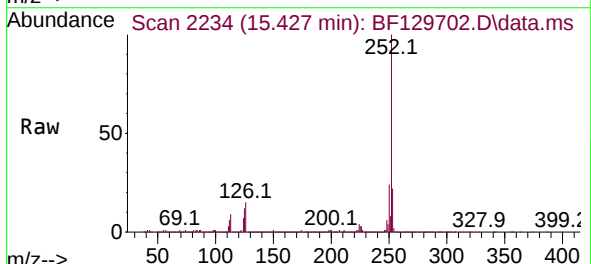
08/11/2022
Supervised By :Jagrut
Upadhyay

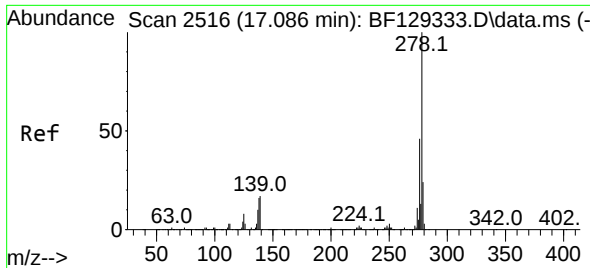
08/11/2022



#90
Benzo(a)pyrene
Concen: 55.281 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion:252 Resp: 948316
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 50.225 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Instrument :

BNA_F

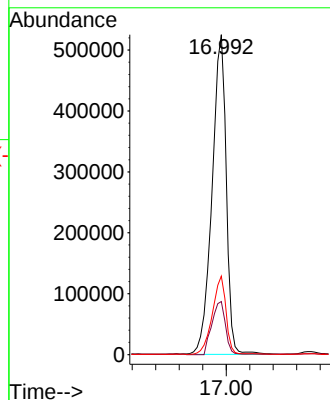
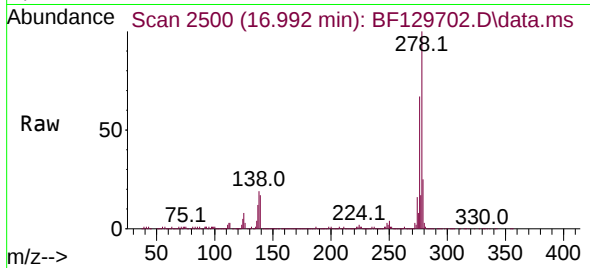
ClientSampleId :

RBR-200051MS

Tgt Ion: 278 Resp: 876981
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 24.5 18.6 28.0

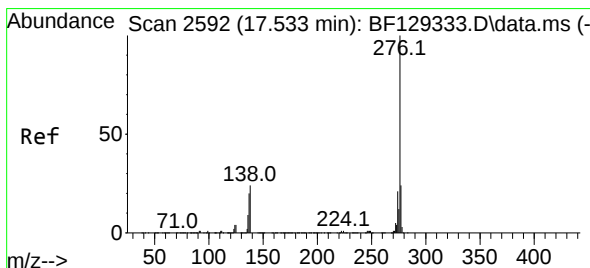
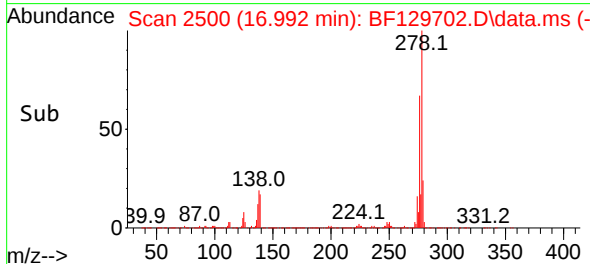
Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/11/2022
Supervised By : Jagrut Upadhyay 08/11/2022



08/11/2022
Supervised By : Jagrut
Upadhyay

08/11/2022



#92
Benzo(g,h,i)perylene
Concen: 46.444 ng
RT: 17.433 min Scan# 2575
Delta R.T. -0.018 min
Lab File: BF129702.D
Acq: 10 Aug 2022 18:46

Tgt Ion: 276 Resp: 828674
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 20.0 18.0 27.0

